AWELCO

BUSINESS CATALOGUE 2026





1970
Foundation of the first business unit, “**Sodernic**”, at Corso Palermo 17, Turin.

1973
Design and development of the first welding machine, “**Baby Sald**”, followed by distribution in national and international markets.

80’s
Sodernic relocates to **Conza della Campania (AV).**



AWELCO

THE ITALIAN TECHNOLOGIES

L'Awelco é da oltre 50 anni impegnata a fornire ai suoi clienti un rapporto qualità/prezzo altamente soddisfacente grazie alla costante innovazione e ricerca tecnologica. Pensare globale, agire locale: la costante sperimentazione e la progettazione ed il continuo ampliamento della gamma, realizzati con una struttura flessibile d'impresa, consentono di soddisfare le più svariate esigenze dei Nostri Clienti.

Awelco est engagé de plus de 50 ans à fournir aux clients un ratio satisfaisant qualité/prix grâce à l'innovation et à la recherche technologique. Penser globalement, agir localement. Les essais continus, la recherche et l'élargissement constant de la gamme, réalisé par une structure flexible de la société, nous permettent de répondre très rapidement aux diverses exigences de nos clients.

Awelco is beyond 50 years engaged to supply to the customers a satisfactory ratio quality/price thanks to the innovation and the technological research. Think global, act local. The continuous testing, the Italian design and the constant widening of the range, realized by flexible Company structure, make us able to satisfy many and various customer requirements.

Awelco hace mas de 50 años que está comprometida con entregar a los clientes, una relación calidad/precio altamente satisfactoria debido a la innovación e investigación tecnologica. Pensar global pero actuar local. La experimentación, la proyección y la ampliación constante de la gama, realizada por una structura de empresa flexible, nos permiten satisfacer las más variadas exigencias de nuestros clientes.

Awelco ist seit 50 Jahren beschäftigt, seinen Kunden ein höchst zufriedenstellendes Qualität/Preis Verhältnis zu liefern, dank der konstanten Innovation und der technologischen Forschung. Global denken, lokal handeln. Das konstante Experimentieren, die Planung und das kontinuierliche Erweitern der Gamma, verwirklicht durch eine flexible Unternehmerstruktur, erlauben uns, den verschiedensten Anforderungen unserer Kunden gerecht zu werden.

Awelco уже более 50 лет поставляет своим клиентам продукцию, соответствующую наилучшему соотношению ЦЕНА-КАЧЕСТВО, благодаря постоянным инновациям и исследованиям. Думайте глобально, действуйте локально: постоянные исследования и расширение ассортимента, гибкая структура самой компании позволяют удовлетворять разнообразные требования наших клиентов.

90's
Company expansion with the opening of the second business unit.
Achievement of **UNI EN ISO 9001** certification.

2000's
Transformation of Sodernic into **Awelco S.p.A.**, with expansion into global markets, development of smart technologies, and launch of the third business unit.

Since 2000
Awelco becomes the sole **Italian licensee** of the Stanley, Stanley Fatmax, and DeWalt brands, continuing its commitment to technological research and innovation

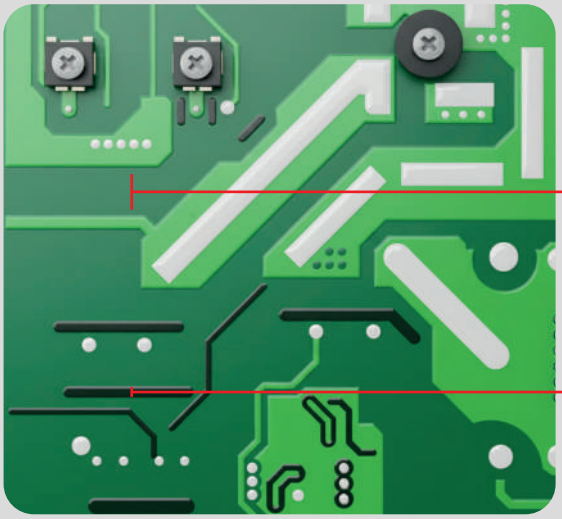

POWER.
PRECISION.
PERFORMANCE.
AWELCO
AWELCO
AWELCO

MADE IN ITALY

DESIGN CERTIFIED & ASSEMBLED BY AWELCO

DIRETTIVA BASSA TENSIONE, PRODOTTO SICURO

LVD (LOW VOLTAGE DIRECTIVE), PRODUCT SAFETY



Distanza Superficiale

Clearance Distance

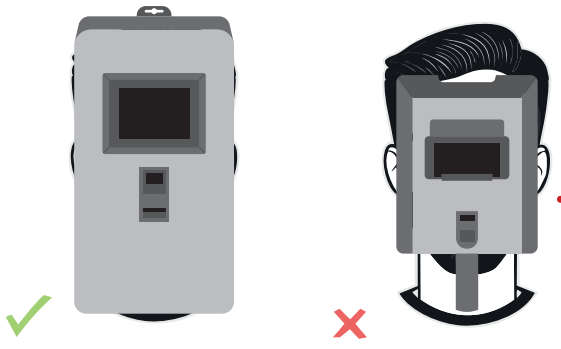
Distanza in Aria

Insulation Creepage

Isolamento del trasformatore con materiali certificati

Quality on the transformer insulation





Maschera conforme alla norma EN175

EN175 norm applied on the welding mask equal minimum size



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4 IN 1 MIG TIG HF MMA PLASMA 76

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Il top di gamma firmato AWELCO. Una combinazione eccellente di potenza, affidabilità e precisione, progettata per garantire prestazioni elevate e costanti nel tempo. La selezione Industrial è pensata per consentirti di realizzare i tuoi progetti con la massima professionalità, assicurando risultati di livello superiore anche nelle applicazioni più impegnative.

Le haut de gamme signé AWELCO. Une combinaison exceptionnelle de puissance, fiabilité et précision, conçue pour garantir des performances élevées et constantes dans le temps. La sélection Industrial est pensée pour vous permettre de réaliser vos projets avec un professionnalisme maximal, en assurant des résultats de haut niveau même dans les applications les plus exigeantes.

The top-of-the-range by AWELCO. An outstanding combination of power, reliability, and precision, designed to deliver high and consistent performance over time. The Industrial selection enables you to carry out your projects with the highest level of professionalism, ensuring superior results even in the most demanding applications.

La gama alta de AWELCO. Una combinación excepcional de potencia, fiabilidad y precisión, diseñada para garantizar un rendimiento elevado y constante a lo largo del tiempo. La selección Industrial está pensada para permitirte desarrollar tus proyectos con la máxima profesionalidad, asegurando resultados de alto nivel incluso en las aplicaciones más exigentes.

Das Spitzenmodell von AWELCO. Eine herausragende Kombination aus Leistung, Zuverlässigkeit und Präzision, entwickelt für dauerhaft hohe und konstante Performance. Die Industrial-Auswahl ermöglicht es Ihnen, Ihre Projekte mit höchster Professionalität umzusetzen und auch bei anspruchsvollsten Anwendungen erstklassige Ergebnisse zu erzielen.

Флагманская модель от AWELCO. Идеальное сочетание мощности, надёжности и точности, разработанное для обеспечения высокой и стабильной производительности в течение долгого времени. Линейка Industrial позволяет реализовывать проекты на самом профессиональном уровне, гарантируя превосходные результаты даже в самых сложных условиях эксплуатации.

Il fai-da-te, curato da AWELCO. Hobby è la selezione di prodotti AWELCO pensata per il fai-da-te e per tutti gli appassionati che vogliono realizzare i propri progetti con cura e professionalità. Le nostre saldatrici compatte, leggere e affidabili offrono prestazioni ottimali, garantendo risultati sicuri e di qualità. La scelta ideale per chi desidera il meglio per sé e per i progetti a cui tiene di più.

DIY, perfected by AWELCO. Hobby is the selection of AWELCO products designed for DIY enthusiasts who want to carry out their projects with care and professionalism. Our compact, lightweight, and reliable welders provide optimal performance, ensuring safe and high-quality results. The perfect choice for those who want the best for themselves and for the projects they truly care about.

Le bricolage, pensé par AWELCO. Hobby est la sélection de produits AWELCO conçue pour les passionnés de bricolage souhaitant réaliser leurs projets avec soin et professionnalisme. Nos soudeuses compactes, légères et fiables offrent des performances optimales, garantissant des résultats sûrs et de qualité. Le choix idéal pour ceux qui souhaitent le meilleur pour eux-mêmes et pour les projets qui leur tiennent le plus à cœur.

El bricolaje, cuidado por AWELCO. Hobby es la selección de productos AWELCO diseñada para los aficionados al bricolaje que quieren llevar a cabo sus proyectos con cuidado y profesionalidad. Nuestras soldadoras compactas, ligeras y fiables ofrecen un rendimiento óptimo, garantizando resultados seguros y de alta calidad. La elección perfecta para quienes desean lo mejor para sí mismos y para los proyectos que más les importan.

Heimwerken, gestaltet von AWELCO. Hobby ist die Auswahl an AWELCO-Produkten, die für Heimwerker entwickelt wurde, die ihre Projekte mit Sorgfalt und Professionalität umsetzen möchten. Unsere kompakten, leichten und zuverlässigen Schweißgeräte bieten optimale Leistung und garantieren sichere und hochwertige Ergebnisse. Die ideale Wahl für alle, die das Beste für sich selbst und für die Projekte wollen, die ihnen am Herzen liegen.

Сделай сам, с заботой AWELCO. Hobby это подборка продуктов AWELCO, предназначенных для любителей ручного труда, которые хотят реализовать свои проекты с заботой и профессионализмом. Наши компактные, лёгкие и надёжные сварочные аппараты обеспечивают оптимальную производительность и гарантируют безопасные и качественные результаты. Идеальный выбор для тех, кто хочет лучшего для себя и для проектов, которые ему особенно дороги.

Il meglio degli accessori, consumabili e bombole, firmato AWELCO.
AWELCO mette a tua disposizione una selezione completa di strumenti e materiali indispensabili per il tuo lavoro. Tutto ciò di cui hai bisogno, sempre a portata di mano, per operare con efficienza, sicurezza e risultati di qualità.

Les meilleurs accessoires, consommables et bouteilles, signés AWELCO.
AWELCO met à votre disposition une gamme complète d'outils et de matériaux essentiels pour votre travail. Tout ce dont vous avez besoin est à portée de main, pour travailler efficacement, en toute sécurité et avec des résultats de qualité.

The finest accessories, consumables, and cylinders, brought to you by AWELCO.
AWELCO provides a complete range of essential tools and materials for your work. Everything you need is always within reach, enabling you to operate efficiently, safely, and with top-quality results.

Los mejores accesorios, consumibles y botellas, ofrecidos por AWELCO.
AWELCO pone a tu disposición una selección completa de herramientas y materiales indispensables para tu trabajo. Todo lo que necesitas siempre al alcance de la mano, para trabajar con eficiencia, seguridad y resultados de calidad.

Die besten Zubehörteile, Verbrauchsmaterialien und Flaschen, von AWELCO angeboten.
AWELCO stellt Ihnen eine vollständige Auswahl an unverzichtbaren Werkzeugen und Materialien für Ihre Arbeit zur Verfügung. Alles, was Sie brauchen, immer griffbereit – für effizientes, sicheres Arbeiten und Ergebnisse von höchster Qualität.

Лучшие аксессуары, расходные материалы и баллоны от AWELCO.
AWELCO предлагает полный ассортимент необходимых инструментов и материалов для вашей работы. Всё, что вам нужно, всегда под рукой, чтобы работать эффективно, безопасно и с результатом высокого качества.



HOBBY

MMA INVERTER

	CODE	CODE WITH PLASTIC CASE OR CARTON BAG	V 50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1	Ø MIN MAX	SOCKET Ø	TIG LIFT	SCRATCH TIG	
EXTRA 170	50045R (*C-Box)		230V~1ph	160 A	30/160	1,6-4,0 mm	DM25 - 9mm		√	√
EXTRA 200	50075R (*C-Box)		230V~1ph	200 A	30/200	1,6-5,0 mm	DM25 - 9mm		√	√
ANTARES 130	50130 (*C-Box)		230V~1ph	130 A	20/130	1,6-3,25 mm	DM25 - 9mm			√
ANTARES 160	51160 (*C-Box)		230V~1ph	160 A	15/160	1,6-4,0 mm	DM25 - 9mm			√
ANTARES 200	51200 (*C-Box)		230V~1ph	200 A	15/200	1,6-5,0 mm	DM25 - 9mm			√
IRIS 150		61235 (*C-Bag)	230V~1ph	130 A	10/130	1,6-3,2 mm	DM25 - 9mm			√
IRIS 180		61245 (*C-Bag)	230V~1ph	160 A	10/160	1,6-4 mm	DM25 - 9mm			√
IRIS 220		61275 (*C-Bag)	230V~1ph	200 A	10/200	1,6-5 mm	DM25 - 9mm			√
MEGA 150		62235 (*P-Case)	230V~1ph	130 A	10/130	1,6-3,25 mm	DM25 - 9mm			√
MEGA 180		62245 (*P-Case)	230V~1ph	160 A	10/160	1,6-4 mm	DM25 - 9mm			√
MEGA 220		62275 (*P-Case)	230V~1ph	190 A	10/160	1,6-4(5) mm	DM25 - 9mm			√
MIKRO 164		66264 (*P-Case)	230V~1ph	140 A	20/140	1,6-4 mm	DM25 - 9mm			√
MIKRO 184		66284 (*P-Case)	230V~1ph	160 A	20/160	1,6-4 mm	DM25 - 9mm			√
MIKROTIG 150		68250 (*P-Case)	230V~1ph	130 A	20/130	1,6-3,25 mm	DM25 - 9mm	√		√
MIKROTIG 170		68270 (*P-Case)	230V~1ph	150 A	20/150	1,6-4 mm	DM25 - 9mm	√		√
MIKROTIG 200		68300 (*P-Case)	230V~1ph	200 A	20/160	1,6-4(5) mm	DM25 - 9mm	√		√

EXTRA 170 — 10
EXTRA 200 — 10
ANTARES 130 — 11
ANTARES 160 — 11
ANTARES 200 — 11
IRIS 150 — 12
IRIS 180 — 12
IRIS 220 — 12
MEGA 150 — 13
MEGA 180 — 13
MEGA 220 — 13
MIKRO 164 — 14
MIKRO 184 — 14
MIKROTIG 150 — 15
MIKROTIG 170 — 15
MIKROTIG 200 — 15


*P-Case= Plastic Case


*C-Bag= Carton Bag


*C-Box= Box


*Trolley

EXTRA 170 - 200

IGBT
INSULATED GATE BIPOLAR TRANSISTOR

21S IP

F CLASS

DM25 SOCKET Ø 9mm

<50W

η >80%



INVERTER

FLEX INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

MMA

SCRATCH TIG

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER		Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X20°C	Ø MIN MAX		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	kVA	kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
EXTRA 170	50045R	230V~1ph	5,3	4,0	60	30-160	30/160	160A@60%	1,6-4,0	0,012m³	3,7	350x135x255	1	96	8004386500453
EXTRA 200	50075R	230V~1ph	6,6	4,9	60	30-200	30/200	200A@60%	1,6-5,0	0,012m³	4,1	350x135x255	1	96	8004386500750

ANTARES 130 - 160 - 200

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

DM25 SOCKET Ø 9mm

F CLASS

<50W

>80%



INVERTER

V 170-250 WIDE INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

MMA

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470 Ø2,0mm - 25pcs
COD. 90480 Ø2,0mm - 50pcs
COD. 90471 Ø2,5mm - 25pcs
COD. 90481 Ø2,5mm - 50pcs
COD. 90490 Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731 Ø2,0mm - 402pcs
COD. 90745 Ø2,5mm - 303pcs
COD. 90755 Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018

TECHNICAL SPECIFICATIONS

	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	CODE	50-60Hz	P_{MAX}		Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX		Kg	H W L			BAR CODE
ANTARES 130	50130	230V~1ph	5,9	3,9	73	15-130	20/130	130A@60%	1,6-3,25	0,062m³	4,2	291x303x708	5	140	8004386501306
ANTARES 160	51160	230V~1ph	6,5	5,0	86	15-160	15/160	160A@45%	1,6-4,0	0,021m³	5,0	165x290x350	1	98	8004386511602
ANTARES 200	51200	230V~1ph	8,7	6,8	84	15-200	15/200	200A@45%	1,6-5,0	0,019m³	5,5	400x165x290	1	98	8004386512005

IRIS 150 - 180 - 220

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

DM25 SOCKET Ø 9mm

F CLASS

<50W

>80%



INVERTER

WIDE INPUT VOLTAGE V 170-250

CONNECTABLE TO POWER GENERATOR

MMA

NORMAL USE							
IRIS SERIES	Ø /	1,6 mm	2 mm	2,5 mm	3,2 mm	4,0mm	5,0mm
	I_2	40A	55A	80A	115A	160A	200A
IRIS 150	$X_{\%}$ *	100%	100%	100%	75%	-	-
	20" pause ... 10m	10,3	8,3	7,9	5,6	-	-
IRIS 180	$X_{\%}$ *	100%	100%	100%	100%	75%	-
	20" pause ... 10m	10,3	8,3	7,9	7,5	4,7	-
IRIS 220	$X_{\%}$ *	100%	100%	100%	100%	100%	75%
	20" pause ... 10m	10,3	8,3	7,9	7,5	6,3	4,7

AWELCO - NOT EN60974-1

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



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Ø2,0mm - 25pcs
COD. 90480
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Ø2,5mm - 25pcs
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ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX	BOX VOLUME	Kg	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
IRIS 150	61235	230V~1ph	5,7	4,3	70	15-140	10/140	140A@30%	1,6-3,25	0,017m³	5,0	370x165x275	1	84	8004386612354
IRIS 180	61245	230V~1ph	6,8	5,2	82	15-160	10/160	160A@30%	1,6-4,0	0,017m³	5,3	370x165x275	1	84	8004386612453
IRIS 220	61275	230V~1ph	8,7	6,8	71	15-200	10/200	200A@30%	1,6-5,0	0,017m³	5,8	370x165x275	1	84	8004386612750

MEGA 150 - 180 - 220

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

DM25 SOCKET Ø 9mm

F CLASS

<50W

>80%



INVERTER

WIDE INPUT VOLTAGE 170-250

CONNECTABLE TO POWER GENERATOR

MMA

NORMAL USE

MEGA SERIES	Ø /	1,6 mm	2 mm	2,5 mm	3,2 mm	4,0mm	5,0mm
	I_2	40A	55A	80A	115A	160A	190A
MEGA 150	$X_{\%}$ *	100%	100%	100%	75%	-	-
	20" pause ... 10m	10,3	8,3	7,9	5,6	-	-
MEGA 180	$X_{\%}$ *	100%	100%	100%	100%	75%	-
	20" pause ... 10m	10,3	8,3	7,9	7,5	4,7	-
MEGA 220	$X_{\%}$ *	100%	100%	100%	100%	100%	75%
	20" pause ... 10m	10,3	8,3	7,9	7,5	6,3	4,7

AWELCO - NOT EN60974-1

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018

TECHNICAL SPECIFICATIONS

	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MEGA 150	62235	230V~1ph	5,7	4,3	70	15-140	10/140	140A@30%	1,6-3,25	0,029m³	5,5	410x200x350	4	48	8004386622353
MEGA 180	62245	230V~1ph	6,8	5,2	82	15-160	10/160	160A@30%	1,6-4,0	0,029m³	5,8	410x200x350	4	48	8004386622452
MEGA 220	62275	230V~1ph	8,7	6,8	71	15-200	10/200	200A@30%	1,6-5,0	0,029m³	6,4	410x200x350	4	48	8004386622759

MIKRO 164 - 184

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

DM25 SOCKET Ø 9mm

F CLASS

<50W

η >80%



INVERTER

WIDE INPUT VOLTAGE V 170-250

CONNECTABLE TO POWER GENERATOR

MMA

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470 Ø2,0mm - 25pcs
COD. 90480 Ø2,0mm - 50pcs
COD. 90471 Ø2,5mm - 25pcs
COD. 90481 Ø2,5mm - 50pcs
COD. 90490 Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731 Ø2,0mm - 402pcs
COD. 90745 Ø2,5mm - 303pcs
COD. 90755 Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg					BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIKRO 164	66264	230V~1ph	5,7	4,3	70	15-140	20/140	140A@60%	1,6-4,0	0,029m³	5,9	410x200x350	4	48	8004386662649
MIKRO 184	66284	230V~1ph	6,8	5,2	82	15-160	20/160	160A@60%	1,6-4,0	0,029m³	6,4	410x200x350	4	48	8004386662847

MIKROTIG 150 - 170 - 200

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

DM25 SOCKET Ø 9mm

F CLASS

<50W

>80%



INVERTER

WIDE INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

MMA

TIG LIFT

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018

TECHNICAL SPECIFICATIONS

	CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	50-60Hz			Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg				BAR CODE
MIKROTIG 150	68250	230V~1ph	5,7	4,3	MMA 70 TIG 14	15-140	20/140	140A@60%	1,6-4,0	0,029m³	5,9	410x200x350	4	48	8004386682500
MIKROTIG 170	68270	230V~1ph	6,8	5,2	MMA 82 TIG 14	15-160	20/160	160A@60%	1,6-4,0	0,029m³	6,4	410x200x350	4	48	8004386682708
MIKROTIG 200	68300	230V~1ph	8,7	6,8	MMA 71 TIG 14	15-200	20/200	200A@60%	1,6-5,0	0,029m³	6,8	410x200x350	4	48	8004386683002



CONSUMER

MIG INVERTER

	CODE	50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1			GAS NO GAS
EASYMIG 120	58816	230V~1ph	MIG 120 A MMA 120 A TIG 120 A	MIG 15/120 MMA 13/120 TIG 13/120	100 mm	DIRECT	
EASYMIG 130	58820	230V~1ph	MIG 130 A MMA 100 A TIG 100 A	MIG 30/130 MMA 30/100 TIG 30/100	100 mm and with REEL BRACKET 200 mm	DIRECT	√
EASYMIG 160	58830	230V~1ph	MIG 150 A MMA 120 A TIG 120 A	MIG 30/150 MMA 30/120 TIG 30/120	100 mm and with REEL BRACKET 200 mm	DIRECT	√
EASYMIG 180	58840	230V~1ph	MIG 170 A MMA 140 A TIG 140 A	MIG 30/170 MMA 30/140 TIG 30/140	100 mm and with REEL BRACKET 200 mm	DIRECT	√
MIKROMIG 1800	59840	230V~1ph	MIG 170 A MMA 140 A TIG 140 A	MIG 30/170 MMA 30/140 TIG 30/140	100 mm and with REEL BRACKET 200 mm	DIRECT	√
MIKROMIG 2000	59850	230V~1ph	MIG 200 A MMA 200 A TIG 200 A	MIG 30/200 MMA 30/200 TIG 30/200	100 mm and with REEL BRACKET 200 mm	DIRECT	√

EASYMIG 120 ____ 18
EASYMIG 130 ____ 19
EASYMIG 160 ____ 19
EASYMIG 180 ____ 19
MIKROMIG 1800 ____ 20
MIKROMIG 200 ____ 21



Ø100mm = 1kg Ø200mm = 5kg Ø300mm = 15kg

EASYMIG 120

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

DM25 SOCKET Ø 9mm

21S IP

NO LIVE TORCH

F CLASS

SPOOL Ø100 SUPPORTED

NO GAS ONLY

WIRE SPEED 0

<50W

>80%

NEW PRODUCT



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG LIFT

MMA

MIG

SYNERGIC
- SPEED
- VOLTAGE
- AMPERAGE
- INDUCTANCE

Ø100mm	FLUX
58816	Ø0,8-Ø1,0 mm

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



TIG TORCH
17V
COD. 96000



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm -1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

ANTI SPATTER SPRAY
COD. 92530



PRO HAMMER BRUSH
COD. 80000



ACCESSORIES INCLUDED



FLUX Ø0,9 mm
SPOOL Ø100mm

ELECTRODES



Rutilici / Rutile - AWS E6013

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
EASYMIG 120	58816	230V~1ph	MIG 4,1 MMA 4,9 TIG 3,2	MIG 3,0 MMA 3,6 TIG 2,3	MIG 56 MMA 58 TIG 18	MIG 25-120 MMA 20-120 TIG 10-120	MIG 15/120 MMA 13/120 TIG 13/120	120A@45%	1,6-2,5	0,028m³	6,7	225x335x375	1	63	8004386588161

EASYMIG 130 - 160 - 180

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

DM25 SOCKET Ø 9mm

21S IP

NO LIVE TORCH

H CLASS

SPOOL Ø100 SUPPORTED

GAS NO GAS

WIRE SPEED 0

<50W

>80%



INVERTER

CONNECTABLE TO **POWER GENERATOR**

TIG LIFT

MMA

MIG

Ø100 and with REEL BRACKET 200mm	SG2	INOX	FLUX
58820	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø
58830	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø
58840	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø

REEL BRACKET 5KG



COD. 90891

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



GLOVES
COD. 90330



TIG TORCH
17V
COD. 96000



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm -1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

ANTI SPATTER SPRAY
COD. 92530



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



PRO HAMMER BRUSH
COD. 80000



ACCESSORIES INCLUDED



FLUX Ø0,9 mm
SPOOL Ø100mm

ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P_{MAX}	Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA / kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
EASYMIG 130	58820	230V~1ph	MIG 4,3 / MIG 3,3 MMA 3,7 / MMA 2,9 TIG 2,4 / TIG 1,7	56	MIG 20-130 MMA 20-100 TIG 20-100	MIG 30/130 MMA 30/100 TIG 30/100	130A@90%	1,6-2,5	0,028m³	9,7	375x330x230	1	50	8004386588208
EASYMIG 160	58830	230V~1ph	MIG 5,1 / MIG 3,9 MMA 4,6 / MMA 3,5 TIG 3,1 / TIG 2,2	56	MIG 20-150 MMA 20-120 TIG 20-120	MIG 30/150 MMA 30/120 TIG 30/120	150A@90%	1,6-3,25	0,028m³	9,7	375x330x230	1	50	8004386588307
EASYMIG 180	58840	230V~1ph	MIG 6,0 / MIG 4,6 MMA 5,5 / MMA 4,3 TIG 3,6 / TIG 2,7	56	MIG 20-170 MMA 20-140 TIG 20-140	MIG 30/170 MMA 30/140 TIG 30/140	170A@90%	1,6-4,0	0,028m³	9,7	375x330x230	1	50	8004386588406

MIKROMIG 1800

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

DM25 SOCKET Ø 9mm

21S IP

NO LIVE TORCH

H CLASS

SPOOL Ø100 Ø200 SUPPORTED

GAS NO GAS

WIRE SPEED 0

<50W

>80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG LIFT

MMA

MIG

Ø100 - 200mm	SG2	INOX	FLUX
59840	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



TIG TORCH
17V
COD. 96000



PRO HAMMER BRUSH
COD. 80000



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm - 1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92920
STEEL Ø0,8mm - 5,0kg
COD. 92941
INOX Ø0,8mm - 5,0kg
COD. 92970
FLUX Ø0,9mm - 4,5kg

ACCESSORIES INCLUDED



FLUX Ø0,9 mm
SPOOL Ø100mm

ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX MIN	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIKROMIG 1800	59840	230V~1ph	MIG 6,0 MMA 5,5 TIG 3,6	MIG 4,6 MMA 4,3 TIG 2,7	56	MIG 20-170 MMA 20-140 TIG 20-140	MIG 30/170 MMA 30/140 TIG 30/140	170A@90%	1,6-4,0	0,061m³	12,6	260x390x600	1	30	8004386598405

MIKROMIG 2000

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

DM25 SOCKET Ø 9mm

21S IP

NO LIVE TORCH

H CLASS

SPOOL Ø100 SUPPORTED

GAS NO GAS

WIRE SPEED 0

<50W

>80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG LIFT

MMA

MIG

Ø100 - 200mm	SG2	INOX	FLUX
59850	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



TIG TORCH
17V
COD. 96000



PRO HAMMER BRUSH
COD. 80000



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm - 1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92920
STEEL Ø0,8mm - 5,0kg
COD. 92941
INOX Ø0,8mm - 5,0kg
COD. 92970
FLUX Ø0,9mm - 4,5kg

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)						
MIKROMIG 2000	59850	230V~1ph	MIG 7,6 MMA 8,8 TIG 6,1	MIG 6,0 MMA 6,8 TIG 4,7	55	MIG 20-200 MMA 20-200 TIG 20-200	MIG 15/200 MMA 15/200 TIG 15/200	200A@45%	1,6-5,0	0,061m³	14,1	260x390x600	1	30	8004386598504



CONSUMER

PLASMA INVERTER

	CODE	V 50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1	INPUT PRESSURE	MAX CUT SEPARATION	FUNCTION
PLASMA 40	53185	230V~1ph	40 A	20/40	3 BAR	100 mm	PLASMA

PLASMA 40

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

21S IP

H CLASS

<50W

η >80%



INVERTER

CUT UP TO **10 - 12 mm**

AIR COMPRESSOR REQUIRED
MIN 6 Bar

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



GLOVES
COD. 90330



MAGNETIC HELP
COD. 88031



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



APRON
COD. 90316



HAMMER
COD. 80010



TORCH CONSUMABLES



PLASMA ELECTRODES
Elettrodo Plasma
21,8mm
COD. 95111



AIR DIFFUSER
Diffusore Aria
COD. 95112



Tip
Ugello
Cod. 95113



RETAINING CAP
Ugello esterno
COD. 95114

ACCESSORIES INCLUDED



MAX CUTTING THICKNESS (mm)

Cutting Thickness

10 / 12 mm

CUTTING / SEPARATION

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	MAX CUTTING THICKNESS (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE							
PLASMA 40	53185	230V~1ph	5,8	4,6	270	15-40	20/40	40A@60%	10	0,061m³	8,2	230x290x460	1	42	8004386531853





CONSUMER

BATTERY CHARGER & BOOSTER

	CODE	50-60Hz		MAINTENANCE	AUTOMATIC SWITCH OFF	Pb	Gel	Pb/Ca	Agm
BAT 10	77510	230V~1ph	12 V			√			
BAT 13	77500	230V~1ph	6 - 12 V	2	√	√			
BAT 14	77540	230V~1ph	6 - 12 V	2	√	√			
BAT 15	77550	230V~1ph	12 - 24 V	2	√	√			
ENERBOX 15	71200	230V~1ph	12 - 24 V	2	√	√			
PROFESSIONAL 30	72110	230V~1ph	12 - 24 V	4	√	√			
PROFESSIONAL 40	72210	230V~1ph	12 - 24 V	4	√	√			
PROFESSIONAL 160	74160	230V~1ph	12 V	3	√	√			√
PROFESSIONAL 210	74020	230V~1ph	12 - 24 V	3	√	√			√
THOR 150	74100	230V~1ph	12 V	3	√	√			√
THOR 320	75010	230V~1ph	12 - 24 V	6	√	√			√
MISTER CHARGE 600	80041	100-240V~1ph	12 V						
MISTER CHARGE 800	80042	100-240V~1ph	12 V						
MISTER CHARGE 1000	80043	100-240V~1ph	12 V						

BAT 10 ____ 28
BAT 13 ____ 28
BAT 14 ____ 28
BAT 15 ____ 29
ENERBOX 15 ____ 30
PROFESSIONAL 30 ____ 31
PROFESSIONAL 40 ____ 31
PROFESSIONAL 160 ____ 32
PROFESSIONAL 210 ____ 32
THOR 150 ____ 33
THOR 320 ____ 33
MISTER CHARGE 600 ____ 34
MISTER CHARGE 800 ____ 35
MISTER CHARGE 1000 ____ 36

BAT 10 - 13 - 14

BAT 10

CHARGER



BAT 13-14



BAT 10: 12V

BAT 13 - 14: 6V 12V

CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

Ah	BAT 10	BAT 13	BAT 14
	5-30 Ah	5-40 Ah	8-65 Ah

Pb

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	P 60%	+ -	IEFF	I2		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
BAT 10	77510	230V~1ph	50 W	12 V	3,1 A	2,1 A	0,005m³	1,5	210x115x215	8	168	8004386775103
BAT 13	77500	230V~1ph	65 W	12 V 6 V	4,0 A	2,7 A	0,005m³	1,6	210x115x215	8	168	8004386775004
BAT 14	77540	230V~1ph	80 W	12 V 6 V	6,3 A	4,2 A	0,005m³	1,9	210x115x215	8	168	8004386775400

BAT 15

CHARGER



PRESS TO RESET

12V 24V

CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

Ah	BAT 15
	15-110 Ah (12V) 8-55 Ah (24V)

Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P 60%	+ -	IEFF	I2		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
BAT 15	77550	230V~1ph	130 W	24 V 12 V	5,2 A 10,6 A	3,5 A 7,1 A	0,007m³	3,4	225x130x250	5	150	8004386775509

ENERBOX 15

CHARGER

REVERSE POLARITY PROTECTION



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

24V 12V

POLARITY PROTECTION

Ah | ENERBOX 15 | 20-150 Ah | Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P	+ -	IEFF	I2		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
ENERBOX 15	71200	230V~1ph	190 W	24 V 12 V	12,2 A	5,5 A 9,8 A	0,009m³	4,7	290x245x130	2	168	8004386712009

PROFESSIONAL 30 - 40

CHARGER

REVERSE POLARITY PROTECTION

AMPEROMETER

FAST CHARGE

SLOW CHARGE



	PROFESSIONAL 30	PROFESSIONAL 40
SLOW	2	2
FAST	2	2

24V 12V

CE EMC EN 55014 SAFETY LVD EN 60335-2-29

FAST SLOW CU

Ah	PROFESSIONAL 30	PROFESSIONAL 40
	30-140 Ah	30-220 Ah

Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz			IEFF	I2			Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	REGULATIONS N°	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PROFESSIONAL 30	72110	230V~1ph	200 W 400 W	12 V 24 V	16,2 A 17,5 A	13 A 14 A	4	0,031m³	8,4	380x335x245	1	52	8004386721100
PROFESSIONAL 40	72210	230V~1ph	330 W 660 W	12 V 24 V	25,5 A 27,5 A	20 A 22 A	4	0,031m³	9,1	380x335x245	1	52	8004386722107

PROFESSIONAL 160 - 210





CHARGER

REVERSE POLARITY PROTECTION

AMPEROMETER

FAST CHARGE

SLOW CHARGE

BOOSTER

BOOST	PROFESSIONAL 160	PROFESSIONAL 210
P 60% ME	2,7 kW	1,2 kW (12V) 2,2 kW (24V)
IEFF	120 A	122 A (12V) 122 A (24V)
I2 1 V/C	80 A	87 A (12V) 87 A (24V)

	PROFESSIONAL 160	PROFESSIONAL 210
SLOW	1	2
FAST	1	2

CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

FAST SLOW

24V 12V

Ah	PROFESSIONAL 160	PROFESSIONAL 210
	40-140 Ah	60-180 Ah

Pb

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	P ME	+ -	IEFF	I2			Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	REGULATIONS N°	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PROFESSIONAL 160	74160	230V~1ph	230 W	12 V	30 A	14 A	3	0,027m³	8,6	380x335x245	1	52	8004386741603
PROFESSIONAL 210	74020	230V~1ph	600 W 265 W	12 V 24 V	25 A 23 A	18,5 A 16,5 A	3	0,027m³	14	380x335x245	1	52	8004386740200

THOR 150 - 320

CHARGER

BOOSTER

FAST CHARGE

SLOW CHARGE





CE

EMC EN 55014

SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

KIT

ONLY THOR 320

REGULATION:

SLOW FAST BOOST

THOR 320

24V 12V Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	CHARGE BOOST		CHARGE		BOOST				REGULATIONS N°	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
					IEFF	I2	IEFF	I2 1 V/C	CAPACITY MIN	CAPACITY MAX							
	ORDER CODE	INPUT VOLTAGE	MAX ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335	EN60335 12 V	EN60335									
THOR 150	74100	230V~1ph	290 W 1,9 kW	12 V	30 A	18 A	120 A	80 A	10Ah (2h)	270Ah (12h)	3	0,016m³	7,8	220x200x370	1	70	8004386741009
THOR 320	75010	230V~1ph	690 W 5,3 kW	12 V 24 V	32 A 25 A	22 A 18 A	210 A 180 A	140 A 120 A	35Ah (2h)	660Ah (24h)	3 + 3	0,042m³	16,5	320x215x620	1	36	8004386750100

MISTER CHARGE 600

IP66

BOOSTER

DEVICE CHARGER

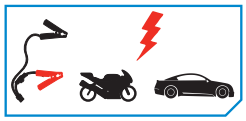
MULTIFUNCTION

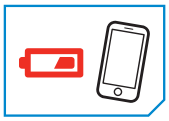
LiPo BATTERY

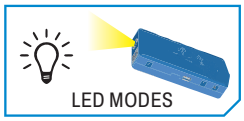


Ah	MISTER CHARGE 600
	7200 mAh

	4.0L Petrol & 2.5L Diesel







ACCESSORIES INCLUDED



BATTERY CLAMPS



MOBILE CONNECTOR

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	V/I OUTPUT	V/I START	Ah	FULL		Kg			BAR CODE
	ORDER CODE	INPUT VOLTAGE	OUTPUT	START	BATTERY CAPACITY	CHARGING TIME	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	BAR CODE
MISTER CHARGE 600	80041	100-240V~1ph	5V/2.1A USB	12V/300A 600A peak	3	4 hours	0,017m³	0,70	75x135x165	10	8004386800416

MISTER CHARGE 800

IP66

BOOSTER

DEVICE CHARGER

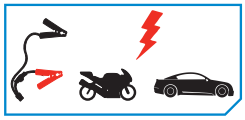
MULTIFUNCTION

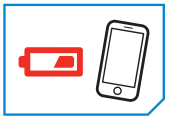
LiPo BATTERY

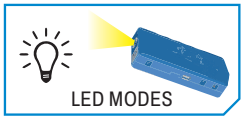


Ah	MISTER CHARGE 800
	10000 mAh

	6.0L Petrol & 4.0L Diesel







ACCESSORIES INCLUDED



TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	V/I OUTPUT	V/I START	Ah	FULL		Kg	H W L		BAR CODE
	ORDER CODE	INPUT VOLTAGE	OUTPUT	START	BATTERY CAPACITY	CHARGING TIME	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	BAR CODE
MISTER CHARGE 800	80042	100-240V~1ph	5V/2.1A USB	12V/400A 800A peak	3	4 hours	0,027m³	0,95	220x145x86	10	8004386800423

MISTER CHARGE 1000

IP67

BOOSTER

DEVICE CHARGER

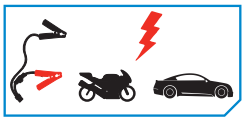
MULTIFUNCTION

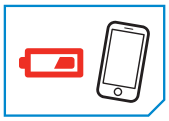
LiPo BATTERY

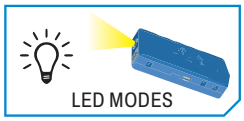


Ah	MISTER CHARGE 1000
	12000 mAh

	7.0L Petrol & 5.0L Diesel







ACCESSORIES INCLUDED





BATTERY CLAMPS



MOBILE CONNECTOR

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	V/I OUTPUT	V/I START	Ah	FULL		Kg	H W L		BAR CODE
	ORDER CODE	INPUT VOLTAGE	OUTPUT	START	BATTERY CAPACITY	CHARGING TIME	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	BAR CODE
MISTER CHARGE 1000	80043	100-240V~1ph	5V/3A 9V/3A 12V/1.5A USB	12V/500A 1000A peak	3	4 hours	0,036m³	1,1	250x160x90	10	8004386800430





CONSUMER

BATTERY CHARGER INVERTER

	CODE	50-60Hz		MAINTENANCE	AUTOMATIC SWITCH OFF	Pb	Gel	Pb/Ca	Agm
AUTOMATIC 20	73450	230V~1ph	12 - 24 V	√	√	√	√	√	√
BAT MATIC 13	73408	110-230V~1ph	12 V			√	√	√	√
BAT MATIC 25	73415	110-230V~1ph	12 V			√	√	√	√
BAT MATIC 30	73420	110-230V~1ph	12 - 24 V			√	√	√	√
BAT MATIC 40	73460	110-240V~1ph	12 - 24 V			√	√	√	√

AUTOMATIC 20 ____ 40
BAT MATIC 13 ____ 41
BAT MATIC 25 ____ 42
BAT MATIC 30 ____ 43
BAT MATIC 40 ____ 44

AUTOMATIC 20

AUTOMATIC **SWITCH OFF**

RECONDITIONING

CHARGE MODE

MAINTENANCE

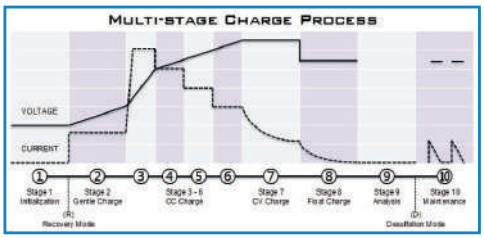
PULSE

TEST

EASY TO **HOOK**



10 STAGES



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

24V 12V

Ah	AUTOMATIC 20
	120 Ah

Pb/Ca Gel Agm Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P	+ -	I2		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
AUTOMATIC 20	73450	230V~1ph	110 W	12 V 24 V	6,0 A 3,0 A	0,002m³	0,8	265x150x65	10	400	8004386734506

BAT MATIC 13

WINTER SUMMER

MULTIPLE PROTECTION

INTELLIGENT DETECTION



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

12V

Ah	BAT MATIC 13
	2 - 20 Ah

Pb/Ca Gel Agm Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P		I2		Kg			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	BAR CODE
BAT MATIC 13	73408	230V~1ph	31 W	12 V	2,0 A	0,0009m³	0,26	190x97x50	10	8004386734087

BAT MATIC 25

PULSE REPAIR

WINTER SUMMER

MULTIPLE PROTECTION

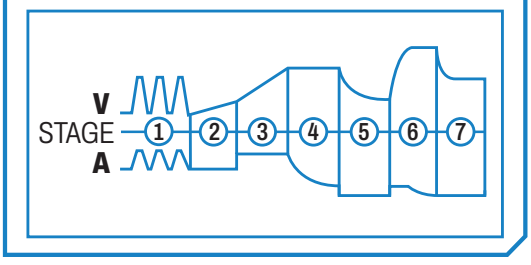
INTELLIGENT DETECTION

AUTOMATIC SWITCH OFF

MAINTENANCE



7 STAGES



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

12V

Ah | BAT MATIC 25: 50-200 Ah

Pb/Ca Gel Agm Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P		I2		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
BAT MATIC 25	73415	100-230V~1ph	116 W	12 V	7,0 A	0,002m³	0,8	230x130x65	10	600	8004386734155

BAT MATIC 30

PULSE REPAIR

WINTER SUMMER

MULTIPLE PROTECTION

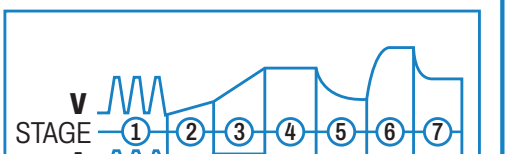
INTELLIGENT DETECTION

AUTOMATIC SWITCH OFF

MAINTENANCE



7 STAGES



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

24V 12V

Ah

BAT MATIC 30

12V 50-200 Ah
24V 25-150 Ah

Pb/Ca Gel Agm Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P		I2		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	PCS PER EURO PALLET	BAR CODE
BAT MATIC 30	73420	11 0-230V~1ph	180 W	12 V 24 V	10,0 A 5,0 A	0,002m³	0,8	230x130x65	30	600	8004386734209

BAT MATIC 40

PULSE REPAIR

WINTER SUMMER

MULTIPLE PROTECTION

INTELLIGENT DETECTION

AUTOMATIC SWITCH OFF

MAINTENANCE



CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION

PROFESSIONAL DIGITAL DISPLAY

24V 12V

Ah	BAT MATIC 40
	12V 2-200 Ah 24V 2-280 Ah

Pb/Ca Gel Agm Pb Lifepo4

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P	I2	Kg	BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER MASTERBOX	BAR CODE
BAT MATIC 40	73460	110-230V~1ph	327 W	12 V 24 V	20,0 A 10,0 A	0,009m³	1,6	255x230x150	12	8004386734605


AWELCO
BAT MATIC 13
BATTERY CHARGER
INVERTER
LED power display
20%
40%
60%
80%
100%
BATTERY CHARGER
12V
WINTER SUMMER
MULTIPLE PROTECTION
INTELLIGENT DETECTION
DESIGN IN JAPAN
SEALED LEAD
Pb
Pb



INDUSTRIAL

MMA INVERTER

	CODE	CODE WITH PLASTIC CASE OR CARTON BAG	V 50-60Hz	A MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	Ø MIN MAX	SOCKET Ø	TIG LIFT	SCRATCH TIG	
ARC 160		51916 (*C-Bag)	230V~1ph	140 A	20/140	1,6-4,0 mm	DM25 - 9mm	√		√
ARC 180		51918 (*C-Bag)	230V~1ph	160 A	20/160	1,6-4,0 mm	DM25 - 9mm	√		√
ARC 250		51925 (*C-Bag)	230V~1ph	200 A	20/200	1,6-4,0 mm	DM25 - 9mm	√		√
PLUS 210	55721 (*C-Box)		230V~1ph	200 A	40/200	1,6-5,0 mm	DM25 - 9mm		√	√
PLUS 250 TIG LIFT	55725 (*C-Box)		230V~1ph	220 A	40/220	1,6-3,2 mm	DM25 - 9mm			√
ATLAS 160		55861 (*C-Bag)	230V~1ph	160 A	40/160	1,6-4,0mm	DM50 - 13mm	√		
ATLAS 180		55866 (*C-Bag)	230V~1ph	180 A	40/180	1,6-4,0mm	DM50 - 13mm	√		
ATLAS 200		55871 (*C-Bag)	230V~1ph	200 A	40/200	1,6-5,0mm	DM50 - 13mm	√		
PRESIDENT 350	58850 (*C-Box)		400V~3ph	320 A	60/320	1,6-4 mm	DM25 - 9mm			√
PRESIDENT 500	58860 (*C-Box)		400V~3ph	500 A	60/500	1,6-5 mm	DM25 - 9mm			√

ARC 160 ——— 48
ARC 180 ——— 48
ARC 250 ——— 48
PLUS 210 ——— 50
PLUS 250 TIG LIFT ——— 51
ATLAS 160 ——— 52
ATLAS 180 ——— 52
ATLAS 200 ——— 52
PRESIDENT 350 ——— 53
PRESIDENT 500 ——— 53


*P-Case= Plastic Case


*C-Bag= Carton Bag


*C-Box= Box


*Trolley

ARC 160 - 180 - 250

NEW PRODUCT



CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

F CLASS

DM25 SOCKET Ø 9mm

ARC FORCE

<50W

HOT START

η >80%

ANTI STICK

MAXI DISPLAY



INVERTER

WIDE INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

MMA

MMA SYNERGIC

TIG LIFT

ADJUSTABLE **ARC FORCE**

ADJUSTABLE **HOT START**

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



TIG TORCH
17V
COD. 96000



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX	BOX VOLUME	Kg	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
ARC 160	51916	230V~1ph	MMA 5,7 TIG 3,3	MMA 4,3 TIG 2,7	MMA 70 TIG 14	15-140	20/140	140A@60%	1,6-3,2	0,022m³	5,0	180x310x390	1	72	8004386519165
ARC 180	51918	230V~1ph	MMA 6,8 TIG 4,4	MMA 5,2 TIG 3,3	MMA 82 TIG 14	15-160	20/160	160A@60%	1,6-4,0	0,022m³	5,3	180x310x390	1	72	8004386519189
ARC 250	51925	230V~1ph	MMA 8,7 TIG 5,9	MMA 6,8 TIG 4,5	MMA 71 TIG 14	15-200	20/200	200A@60%	1,6-5,0	0,022m³	5,8	180x310x390	1	72	8004386519257

Synergic MMA Welder



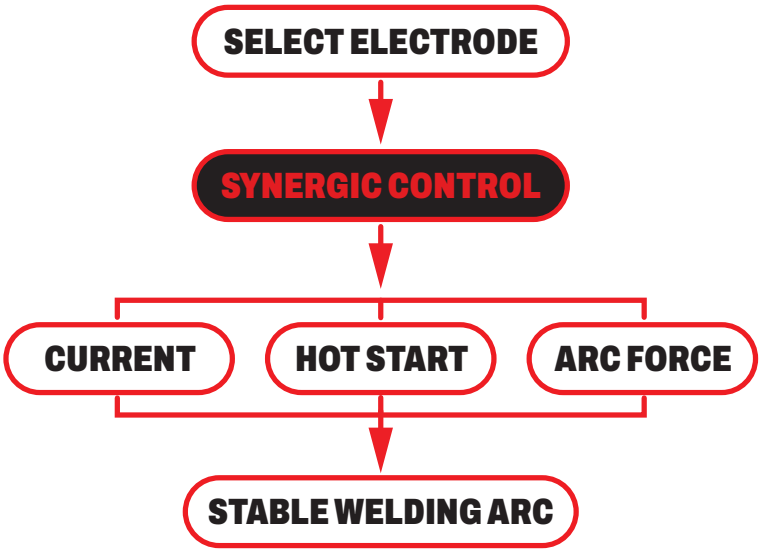
CONTROL PANEL

ENGLISH
1. Welding process
2. Electrode diameter
3. Welding parameters

FRANÇAIS
1. Procédé de soudage
2. Diamètre des électrodes
3. Paramètres de soudage

ITALIANO
1. Processo di saldatura
2. Diametro elettrodi
3. Parametri di saldatura

ESPAÑOL
1. Proceso de soldadura
2. Diámetro del electrodo
3. Parámetros de soldadura



- **Large Display** (3")
- **Hot Start** Regulation
- **Arc Force** Regulation

PLUS 210

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

H CLASS

<50W

DM50 SOCKET Ø 13mm

η >80%



INVERTER

WIDE INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

MMA

100% DUTY CYCLE

CONNECTOR 35-50

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470 Ø2,0mm - 25pcs
COD. 90480 Ø2,0mm - 50pcs
COD. 90471 Ø2,5mm - 25pcs
COD. 90481 Ø2,5mm - 50pcs
COD. 90490 Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731 Ø2,0mm - 402pcs
COD. 90745 Ø2,5mm - 303pcs
COD. 90755 Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER		Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	kVA	kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PLUS 210	55721	230V~1ph	8,5	6,5	90	15-200	40/200	200A@100%	1,6-5,0	0,037m³	9,2	230x350x460	1	35	8004386557211

PLUS 250 TIG LIFT

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

H CLASS

<50W

DM50 SOCKET Ø 13mm

η >80%



INVERTER

WIDE INPUT VOLTAGE

CONNECTABLE TO POWER GENERATOR

100% DUTY CYCLE

MMA

TIG LIFT

CONNECTOR 35-50

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	V0	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PLUS 250 TIG LIFT	55725	230V~1ph	9,6	7,4	65	15-220	40/220	220A@100%	1,6-5,0	0,037m³	10,1	230x350x460	1	35	8004386557259

ATLAS 160 - 180 - 200

CE

NEW PRODUCT

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

F CLASS

DM50 SOCKET Ø 13mm

ARC FORCE

<50W

HOT START

>80%

ANTI STICK



MAXI DISPLAY



INVERTER

WIDE INPUT VOLTAGE

INDUSTRIAL DUTY CYCLE

VRD VOLTAGE REDUCTION DEVICE

SUITABLE FOR **CELLULOSIC AWS E6010**

MMA

MMA SYNERGIC

TIG LIFT

CONNECTOR 35-50

ADJUSTABLE ARC FORCE

ARC FORCE & HOT START RAMP REGULATION

ADJUSTABLE HOT START

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Basici / Basic - AWS E7018
Cellulosico / Cellulosic - AWS E6010

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
ATLAS 160	55861	230V~1ph	MMA 6,5 TIG 4,3	MMA 5,0 TIG 3,2	MMA 82 TIG 14	20-160	40/160	160A@100%	1,6-4,0	0,037m³	8,5	230x350x460	1	35	8004386558614
ATLAS 180	55866	230V~1ph	MMA 7,5 TIG 5,1	MMA 5,8 TIG 3,9	MMA 71 TIG 14	20-180	40/180	180A@100%	1,6-4,0	0,037m³	8,5	230x350x460	1	35	8004386558667
ATLAS 200	55871	230V~1ph	MMA 8,7 TIG 5,9	MMA 6,8 TIG 4,5	MMA 84 TIG 14	20-200	40/200	200A@100%	1,6-5,0	0,037m³	8,5	230x350x460	1	35	8004386558713

PRESIDENT 350 - 500

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

H CLASS

DM50 SOCKET Ø 13mm

<50W

3PH

η >85%



INVERTER

CONNECTABLE TO POWER GENERATOR

CONNECTOR 35-50

VRD VOLTAGE REDUCTION DEVICE

MMA

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



ELECTRODES E6013 RUTILE



COD. 90470
Ø2,0mm - 25pcs
COD. 90480
Ø2,0mm - 50pcs
COD. 90471
Ø2,5mm - 25pcs
COD. 90481
Ø2,5mm - 50pcs
COD. 90490
Ø3,2mm - 15pcs

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15
Cellulosico/Cellulosic - AWS E6010

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX	Vo	I2 [A] MIN MAX	X% / I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PRESIDENT 350	58550	400V~3ph	15,9	12,4	72	40-320	60/320	320A@100%	1,6-6,0	0,08m³	19,5	300x450x550	1	16	8004386585504
PRESIDENT 500	58600	400V~3ph	29,4	23,5	80	40-500	60/500	500A@100%	1,6-8,0	0,12m³	33	340x520x660	1	9	8004386586006



INDUSTRIAL

MIG TIG MMA INVERTER

	CODE	50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1			GAS NO GAS
MULTI MIKRO 160	59065	230V~1ph	160 A - MIG 140 A - MMA 140 A - TIG	20/160 - MIG 20/140 - MMA 20/140 - TIG	Ø100/200 and with REEL BRACKET 300mm	DIRECT	√
MULTI MIKRO 200	59095	230V~1ph	200 A - MIG 200 A - MMA 200 A - TIG	20/200 - MIG 20/200 - MMA 20/200 - TIG	Ø100/200 and with REEL BRACKET 300mm	EURO	√
SMARTMIG 2200	59190	230V~1ph	200 A - MIG 200 A - MMA 200 A - TIG	30/200	Ø100/200 and with REEL BRACKET 300mm	EURO	√
DOUBLE PULSEMIG 2500	59210	230V~1ph	200 A - MIG 180 A - MMA 180 A - TIG	30/200 - MIG 30/180 - MMA 30/180 - TIG	Ø100/200/300 mm	EURO	√
TRIS 250	N18190	230V~1ph	200 A - MIG 200 A - MMA 200 A - TIG	30/200 - MIG 30/200 - MMA 30/200 - TIG	Ø100/200/300 mm	EURO	√
SINERGY 250	N18200	230V~1ph	200 A - MIG 200 A - MMA 200 A - TIG	30/200	Ø100/200/300 mm	EURO	√
TRIS 280	N18445	400V~3ph	250 A - MMA 250 A - MIG	60/250	Ø100/200/300 mm	EURO	√
TRIS 400	N18475	400V~3ph	350 A - MMA 350 A - MIG	60/350	Ø100/200/300 mm	EURO	√
TRIS 500	N18485	400V~3ph	400 A - MMA 400 A - MIG	60/400	Ø100/200/300 mm	EURO	√
UNIMIG 350	N18510	400V~3ph	350 A - MMA 350 A - MIG	60/350	Ø200/300 mm	EURO	√
UNIMIG 500	N18610	400V~3ph	500 A - MMA 500 A - MIG	60/500	Ø200/300 mm	EURO	√
UNIMIG 350 SWF	N18520	400V~3ph	350 A - MMA 350 A - MIG	60/350	Ø200/300 mm	EURO	√
UNIMIG 500 SWF WATER COOLED	N18620	400V~3ph	500 A - MMA 500 A - MIG	60/500	Ø200/300 mm	EURO	√
MIG 350 SWF SYNERGIC PULSE	N18715	400V~3ph	350 A	100/350	Ø200/300mm	EURO	√
MIG 500 SWF SYNERGIC PULSE	N18720	400V~3ph	500 A	100/500	Ø200/300mm	EURO	√
MIG 550 SWF SYNERGIC DOUBLE PULSE	N18750	400V~3ph	500 A - MIG 500 A - MMA	100/500	Ø100 mm	EURO	√

	CODE	50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1	HF	AC / DC	PULSE
TIG 200 I HF-DC PULSE	58195	230V~1ph	160 A - MMA	20/160 MMA	√	DC	√
TIG 200 AC / DC PULSE	58021	230V~1ph	200A (AC) 170A (DC) - TIG 170 A - MMA	20/170 MMA TIG 35/200 (AC) TIG 40/170 (DC)	√	AC / DC	√
TIG 210 AC / DC PFC	58201	230V~1ph	210 A - TIG 160 A - MMA	35/210 TIG 25/160 MMA	√	AC / DC	√
TIG 320 AC / DC	58320	400V~3ph	320 A - TIG 320 A - MMA	35/320 TIG 20/320 MMA	√	AC / DC	√

MULTI MIKRO 160 — 56
MULTI MIKRO 200 — 57
SMARTMIG 2200 — 58
DOUBLE PULSEMIG 2500 — 59
TRIS 250 — 60
SINERGY 250 — 61
TRIS 280 — 62
TRIS 400 — 62
TRIS 500 — 62
UNIMIG 350 — 64
UNIMIG 500 — 64
UNIMIG 350 SWF — 65
UNIMIG 500 SWF WATER COOLED — 65
MIG 350 SWF SYNERGIC PULSE — 66
MIG 500 SWF SYNERGIC PULSE — 66
MIG 550 SWF SYNERGIC DOUBLE PULSE — 68
TIG 200 I HF-DC PULSE — 70
TIG 200 AC/DC PULSE — 71
TIG 210 AC/DC PFC — 72
TIG 320 AC/DC — 74

Ø100mm = 1kg
Ø200mm = 5kg
Ø300mm = 15kg


*P-Case= Plastic Case


*C-Bag= Carton Bag


*C-Box= Box


*Trolley

MULTI MIKRO 160

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

GAS NO GAS

21S IP

NO LIVE TORCH

H CLASS

SPOOL Ø200 SUPPORTED

DM25 SOCKET Ø 9mm

<50W

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG LIFT

MIG

MMA

REEL BRACKET 15KG



COD. 90870

Ø100/200mm and with REEL BRACKET 300mm	SG2	INOX	FLUX
59065	0,6-1,0Ø	0,6-1,0Ø	0,8-0,9Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



TIG TORCH
17V
COD. 96000



PRO HAMMER BRUSH
COD. 80000



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm - 1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92933
STEEL Ø1,0mm - 1,0kg
COD. 92916
STEEL Ø0,8mm - 0,5kg
COD. 92943
INOX Ø0,8mm - 0,5kg

ACCESSORIES INCLUDED



TECHNICAL SPECIFICATIONS

	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MULTI MIKRO 160	59065	230V~1ph	5,7	4,4	MIG 72 MMA 72 TIG 13	MIG 20-160 MMA 10-140 TIG 10-140	MIG 20/160 MMA 20/140 TIG 20/140	MMA-TIG 140A@60% MIG 160A@60%	1,6-3,2	0,067m³	13,6	625x245x440	1	20	8004386590652

MULTI MIKRO 200

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

2T 4T MODE

IGBT INSULATED GATE BIPOLAR TRANSISTOR

GAS NO GAS

21S IP

NO LIVE TORCH

H CLASS

SPOOL Ø200 SUPPORTED

DM50 SOCKET Ø 13mm

<50W

>80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG LIFT

MIG

MMA

CONNECTOR 35-50

INDUCTANCE REGULATION

REEL BRACKET 15KG



COD. 90870

Ø100/200mm and with REEL BRACKET 300mm	SG2	INOX	FLUX
59095	0,6-1,2Ø	0,6-1,0Ø	0,8-0,9Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm - 1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92933
STEEL Ø1,0mm - 1,0kg
COD. 92916
STEEL Ø0,8mm - 0,5kg
COD. 92943
INOX Ø0,8mm - 0,5kg

ACCESSORIES INCLUDED



TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MULTI MIKRO 200	59095	230V~1ph	8,2	6,7	MIG 87 MMA 87 TIG 13	MIG 20-200 MMA 10-200 TIG 10-200	MIG 20/200 MMA 20/200 TIG 20/200	200A@60%	1,6-5,0	0,067m³	17,0	625x245x440	1	20	8004386590959

SMARTMIG 2200

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

NO LIVE TORCH

IGBT INSULATED GATE BIPOLAR TRANSISTOR

DM50 SOCKET Ø 13mm

21S IP

2T 4T MODE

H CLASS

GAS NO GAS

EURO

ENCO MENU

<50W

WIRE SPEED 0

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

VRD VOLTAGE REDUCTION DEVICE

TIG LIFT

MMA

MIG

SUITABLE FOR SPOOL GUN TORCH

ALUMINIUM

SYNERGIC
- SPEED
- VOLTAGE
- AMPERAGE
- INDUCTANCE

CONNECTOR 35-50

Ø100/200mm	SG2	INOX	ALU Ø100mm with SPOOL GUN	FLUX
59190	0,6-1,0Ø	0,6-1,0Ø	0,6-1,0Ø	0,6-1,0Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

WIRE



COD. 92926
FLUX Ø0,8mm - 4,5kg
COD. 92970
FLUX Ø0,9mm - 4,5kg
COD. 92980
FLUX Ø1,0mm - 4,5kg

SPOOL GUN
COD. 90101



ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
SMARTMIG 2200	59190	230V~1ph	MIG 8,2 MMA 9,6 TIG 6,2	MIG 5,8 MMA 6,4 TIG 4,4	65	MIG 16-200 MMA 40-200 TIG 15-200	MIG 30/200 MMA 30/200 TIG 30/200	MMA-TIG-MIG 200A@90%	MMA 1,6-4,0 TIG 1,6-3,2	0,067m³	18,9	625x245x440	1	20	8004386591901

DOUBLE PULSEMIG 2500

CE

SAFETY LVD IEC 60974-1

DM50 SOCKET Ø 13mm

EMC IEC 60974-10

2T 4T MODE

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

EURO

H CLASS

SPOT

GAS NO GAS

ARC FORCE

ENCO MENU

HOT START

NO LIVE TORCH

<50W

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

VRD VOLTAGE REDUCTION DEVICE

TIG LIFT

MMA

MIG

ALUMINIUM

SYNERGIC
- SPEED
- VOLTAGE
- AMPERAGE
- INDUCTANCE

DOUBLE PULSE

CONNECTOR 35-50

MAXI DISPLAY LCD



Ø200/300mm	SG2	INOX	ALU	FLUX	CRNi
59210	0,8-1,0Ø	0,8-1,0Ø	0,8-1,2Ø	0,8-1,0Ø	0,8-1,0Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm -1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92903
STEEL Ø0,6mm - 0,5kg
COD. 92916
STEEL Ø0,8mm - 0,5kg
COD. 92943
INOX Ø0,8mm - 0,5kg
COD. 92948
ALU Ø0,8mm - 0,5kg

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX	Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
DOUBLE PULSEMIG 2500	59210	230V~1ph	MIG 7,6 MMA 7,1 TIG 5,2	MIG 5,8 MMA 5,5 TIG 3,7	MMA / MIG 60V TIG 11V	MIG 30-200 MMA 20-180 TIG 20-180	MIG 30/200 MMA 30/180 TIG 30/180	MIG 200A@100% MMA - TIG 180A@100%	1,6 - 5,0	0,092m³	23,5	425x625x345	1	20	8004386592106

TRIS 250

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

NO LIVE TORCH

IGBT INSULATED GATE BIPOLAR TRANSISTOR

DM50 SOCKET Ø 13mm

21S IP

2T 4T MODE

H CLASS

GAS NO GAS

EURO

ENCO MENU

<50W

WIRE SPEED 0

η >80%



INVERTER

CONNECTABLE TO **POWER GENERATOR**

TIG LIFT

MMA

MIG

CONNECTOR 35-50

INDUCTANCE **REGULATION**

Ø100/200/300mm	SG2	INOX	FLUX
N18190	0,6-1,2Ø	0,6-1,0Ø	0,8-0,9Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

WIRE



COD. 92926
FLUX Ø0,8mm - 4,5kg
COD. 92970
FLUX Ø0,9mm - 4,5kg
COD. 92980
FLUX Ø1,0mm - 4,5kg

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P_{MAX}		Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TRIS 250	N18190	230V~1ph	MIG 9,5 MMA 8,7 TIG 6,3	MIG 7,4 MMA 6,8 TIG 4,9	MIG 87 MMA 87 TIG 13	MIG 20-240 MMA 10-200 TIG 10-200	MIG 20/240 MMA 30/200 TIG 30/200	MIG 240A@60% MMA/TIG 200A@90%	1,6-5,0	0,182m³	34,6	910x295x680	1	8	8004386181904

SINERGY 250

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

NO LIVE TORCH

IGBT INSULATED GATE BIPOLAR TRANSISTOR

DM50 SOCKET Ø 13mm

21S IP

2T 4T MODE

H CLASS

GAS NO GAS

EURO

ENCO MENU

<50W

WIRE SPEED 0

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

VRD VOLTAGE REDUCTION DEVICE

TIG LIFT

MMA

MIG

SUITABLE FOR SPOOL GUN TORCH

ALUMINIUM

SYNERGIC
- SPEED
- VOLTAGE
- AMPERAGE
- INDUCTANCE

CONNECTOR 35-50

Ø100/200/300mm	SG2	INOX	ALU Ø100mm with SPOOL GUN	FLUX
N18200	0,6-1,0Ø	0,6-1,0Ø	0,6-1,0Ø	0,6-1,0Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

WIRE



COD. 92926
FLUX Ø0,8mm - 4,5kg
COD. 92970
FLUX Ø0,9mm - 4,5kg
COD. 92980
FLUX Ø1,0mm - 4,5kg

SPOOL GUN
COD. 90101



COD. 92189
V 0,6/0,8mm Ø30mm 1pcs
V 0,9/1,0mm Ø30mm 1pcs
U 1,0/1,2mm Ø30mm 1pcs



ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P MAX	Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
SINERGY 250	N18200	230V~1ph	MIG 8,5 MMA 10 TIG 6,5	MIG 5,8 MMA 6,4 TIG 4,4	65	MIG 16-200 MMA 40-200 TIG 15-200	MIG 30/200 MMA 30/200 TIG 30/200	MMA-TIG-MIG 200A@90%	MMA 1,6-4,0 TIG 1,6-3,2	0,182m³	34	910x295x680	1	8	8004386182000

TRIS 280 - 400 - 500

CE | WIRE SPEED | SAFETY LVD IEC 60974-1 | SPOT | EMC IEC 60974-10 | DM50 SOCKET Ø 13mm | IGBT INSULATED GATE BIPOLAR TRANSISTOR | 2T 4T MODE | 21S IP | F CLASS | EURO | GAS NO GAS | <50W | ENCO MENU | >85%

NEW PRODUCT



INVERTER

CONNECTABLE TO **POWER GENERATOR**

MMA

MIG

CONNECTOR 35-50

INDUCTANCE **REGULATION**

Ø100/200/300mm	SG2	INOX	FLUX
N18445	0,8-1,2Ø	0,8-1,2Ø	0,8-1,2Ø
N18475	0,8-1,2Ø	0,8-1,2Ø	0,8-1,2Ø
N18485	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



WIRE



COD. 92953
FLUX Ø0,8mm - 0,5kg
COD. 92954
FLUX Ø0,8mm -1,0kg
COD. 92960
FLUX Ø0,9mm - 0,5kg
COD. 92967
FLUX Ø0,9mm - 1,0kg

WIRE



COD. 92926
FLUX Ø0,8mm - 4,5kg
COD. 92970
FLUX Ø0,9mm - 4,5kg
COD. 92980
FLUX Ø1,0mm - 4,5kg

ELECTRODES E6013 RUTILE



COD. 90731
Ø2,0mm - 402pcs
COD. 90745
Ø2,5mm - 303pcs
COD. 90755
Ø3,2mm - 202pcs

ACCESSORIES INCLUDED



N18475E - N18485E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X20°C	Ø MIN MAX		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TRIS 280	N18445	400V~3ph	MIG 10,2 MMA 11,2	MIG 7,5 MMA 8,4	75	MIG 40-250 MMA 40-250	MIG 60/250 MMA 60/250	250A@100%	1,6-5,0	0,182m³	43	910x295x680	1	8	8004386184455
TRIS 400	N18475	400V~3ph	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	75	MIG 40-350 MMA 40-350	MIG 60/350 MMA 60/350	350A@100%	1,6-5,0	0,182m³	43	910x295x680	1	8	8004386184752
TRIS 500	N18485	400V~3ph	MIG 21,3 MMA 20,0	MIG 17,3 MMA 16,6	75	MIG 40-400 MMA 40-400	MIG 60/400 MMA 60/400	400A@100%	1,6-5,0	0,182m³	43	910x295x680	1	8	8004386184851

Industrial MMA - MIG



CONTROL PANEL

ENGLISH
1. Welding parameters
2. Inductance control
3. Wire diameter
4. Base material
5. Welding mode
6. Wire speed test
7. Welding process
8. Operating mode
9. Gas test

FRANÇAIS
1. Paramètres de soudage
2. Contrôle de l'inductance
3. Diamètre du fil
4. Mat. de base
5. Mode de soudage
6. Vitesse d'avance du fil
7. Processus de soudage
8. Mode opératoire
9. Test gaz

ITALIANO
1. Parametri di saldatura
2. Controllo dell'induttanza
3. Diametro del filo
4. Materiale base
5. Modalità di saldatura
6. Avanzamento filo
7. Processo di saldatura
8. Modalità operativa
9. Prova gas

ESPAÑOL
1. Parámetros de soldadura
2. Control de inductancia
3. Diámetro del hilo
4. Mat. base
5. Modo de soldadura
6. Velocidad de avance del hilo
7. Proceso de soldadura
8. Modo operativo
9. Prueba de gas

- **Synergic**
- **Spot Function**
- **Manual Option**
- **Gas Check**
- **Wire Check**

UNIMIG 350 - 500

CE
WIRE SPEED
SAFETY LVD IEC 60974-1
SPOT
EMC IEC 60974-10
DM50 SOCKET Ø 13mm
IGBT INSULATED GATE BIPOLAR TRANSISTOR
2T 4T MODE
21S IP
F CLASS
EURO
GAS NO GAS
<50W
ENCO MENU
η >85%

NEW PRODUCT



INVERTER
CONNECTABLE TO POWER GENERATOR
MMA
MIG
CONNECTOR 35-50
INDUCTANCE REGULATION
WHEEL KIT INCLUDED
WATER COOLING SYSTEM INCLUDED
ONLY **UNIMIG 500**

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



COOLING LIQUID 5L
COD. 95097



ACCESSORIES INCLUDED UNIMIG 350



N18510E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

ACCESSORIES INCLUDED UNIMIG 500



N18520E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

Ø200/300mm	SG2	INOX	FLUX
N18510	0,8-1,2Ø	0,8-1,2Ø	0,8-1,2Ø
N18520	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P_{MAX}	Vo	I_2[A] MIN MAX	X%/I_2[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIG 350	N18510	400V~3ph	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	74	40-350	60/350	350A@100%	1,6-5,0	0,253m³	43,5	905x365x775	1	6	8004386185100
MIG 500	N18520	400V~3ph	MIG 25,5 MMA 24,9	MIG 22,4 MMA 13,7	74	40-500	60/500	500A@100%	1,6-5,0	0,253m³	43,5	905x365x775	1	6	8004386185209

UNIMIG 350 SWF - 500 SWF WATER COOLED

CE
WIRE SPEED
SAFETY LVD IEC 60974-1
SPOT
EMC IEC 60974-10
DM50 SOCKET Ø 13mm
IGBT INSULATED GATE BIPOLAR TRANSISTOR
2T 4T MODE
21S IP
F CLASS
EURO
GAS NO GAS
<50W
ENCO MENU
>85%

NEW PRODUCT



INVERTER

CONNECTABLE TO **POWER GENERATOR**

MMA

MIG

CONNECTOR 35-50

INDUCTANCE **REGULATION**

WHEEL KIT **INCLUDED**

WATER COOLING SYSTEM INCLUDED

ONLY **UNIMIG 500 SWF**

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



GLOVES
COD. 90330



MAGNETIC HELP
COD. 88031



COOLING LIQUID 5L
COD. 95097



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



APRON
COD. 90316



HAMMER
COD. 80010



ACCESSORIES INCLUDED UNIMIG 350 SWF



N18610E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

ACCESSORIES INCLUDED UNIMIG 500 SWF



N18620E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

Ø200/300mm	SG2	INOX	FLUX
N18610	0,8-1,2Ø	0,8-1,2Ø	0,8-1,2Ø
N18620	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø

TECHNICAL SPECIFICATIONS

	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIG 350 SWF	N18610	400V~3ph	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	74	40-350	60/350	350A@100%	1,6-5,0	0,329m³	65	420x890x880	1	4	8004386186107
MIG 500 SWF WATER COOLED	N18620	400V~3ph	MIG 25,5 MMA 24,9	MIG 22,4 MMA 13,7	74	40-500	60/500	500A@100%	1,6-5,0	0,329m³	70	420x890x880	1	4	8004386186206

MIG 350 - 500 SWF SYNERGIC PULSE

CE
DM50 SOCKET Ø 13mm
SAFETY LVD IEC 60974-1
EMC IEC 60974-10
EURO
IGBT INSULATED GATE BIPOLAR TRANSISTOR
NO LIVE TORCH
21S IP
GAS NO GAS
H CLASS
S2T S4T MODE
2T 4T MODE
<50W
PULSE
η >85%



INVERTER
CONNECTABLE TO POWER GENERATOR
TIG LIFT
MMA
MIG
CONNECTOR 35-50
WHEEL KIT INCLUDED
CONNECTION CABLE 5m
WATER COOLING SYSTEM INCLUDED
ONLY MIG 500 SWF

Ø200/300 mm	SG2	INOX	FLUX
N18715	0,8-1,2Ø	0,8-1,2Ø	0,8-1,2Ø
N18720	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø

HIGH DUTY WIRE FEEDER



OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



ROLLER
COD. 88031



COD. 92190
V 0,8/1,0mm - Ø30mm
2pcs
COD. 92191
V 0,6/,08mm - Ø30mm
2pcs
COD. 92192
V 1,2-1,6mm - Ø30mm
2pcs

TORCH AWM-36A
COD. 91041 (3mt)
COD. 91042 (4mt)
COD. 91043 (5mt)



AIR

TORCH AWM-500W
COD. 91084 (3mt)
COD. 91085 (4mt)
COD. 91043 (5mt)



WATER

CONNECTION CABLE 50m
COD. 90988



ONLY MIG 500

COOLING LIQUID 5L
COD. 95097



ONLY MIG 500

TIG TORCH
17V
COD. 96000



CONNECTOR 25 TO 35
ADAPTER
COD. 90634



KIT
COD. 96009
(96000 + 90634)

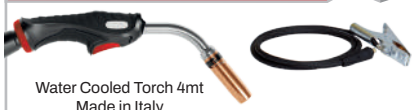
ACCESSORIES INCLUDED MIG 350 SWF



Torch 4mt
Made in Italy

N18715E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

ACCESSORIES INCLUDED MIG 500 SWF



Water Cooled Torch 4mt
Made in Italy

N18720E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	P_{MAX}	Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1		Kg				
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER (kVA / kW)		NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIG 350 SWF SYNERGIC PULSE	N18715	400V~3ph	MMA 15,3 / MIG 14,4 / TIG 11,8	MMA 13,4 / MIG 12,5 / TIG 9,8	MMA 78 / MIG 78 / TIG 25	MMA 25-350 / MIG 30-350 / TIG 15-350	100/350	**1/3** 0,116m³ **2/3** 0,120m³ **3/3** 0,045m³	**1/3** 30,2 **2/3** 31,1 **3/3** 13,6	**1/3** 335x505x685 **2/3** 340x520x665 **3/3** 470x140x680	1	3	8004386187159
MIG 500 SWF SYNERGIC PULSE	N18720	400V~3ph	MMA 24,9 / MIG 24,3 / TIG 20,9	MMA 22,3 / MIG 21,8 / TIG 18,3	MMA 82 / MIG 82 / TIG 25	MMA 25-500 / MIG 30-500 / TIG 15-500	100/500	**1/4** 1,116m³ **2/4** 0,167m³ **3/4** 0,093m³ **4/4** 0,164m³	**1/4** 34 **2/4** 40 **3/4** 20 **4/4** 30	**1/4** 335x505x685 **2/4** 365x610x750 **3/4** 395x300x785 **4/4** 630x230x1130	1	1	8004386187203

Industrial Synergic Single Pulse
DUTY CYCLE 100%



CONTROL PANEL

ENGLISH
1. Welding mode
2. Wire diameter
3. Program saving and recall (99)
4. Wire speed test
5. Synergic mode
6. Arc control
7. Gas test
8. Base material / Filler material
9. Operating mode

FRANÇAIS
1. Mode de soudage
2. Diamètre du fil
3. Sauvegarde et rappel des programmes (99)
4. Vitesse d'avance du fil
5. Mode synergique
6. Contrôle des arcs
7. Test gaz
8. Mat. de base / Mat. d'apport
9. Mode opératoire

ITALIANO
1. Modalità di saldatura
2. Diametro filo
3. Salvataggio e richiamo programmi (99)
4. Avanzamento filo
5. Modalità sinergica
6. Controllo arco di saldatura
7. Test gas di saldatura
8. Mat. base / Mat. d'apporto
9. Modalità operativa

ESPAÑOL
1. Modo de soldadura
2. Diámetro del hilo
3. Guardado y recuperación de programas (99)
4. Velocidad de avance del hilo
5. Modo sinérgico
6. Control de arco
7. Prueba de gas
8. Mat. base / Mat. de aporte
9. Modo operativo

GB

THE HEART OF TECHNOLOGY

TECHNOLOGY	CUSTOMER BENEFIT
PULSE TECH	TIG quality, MIG speed. Reduces distortion and spatter
4-ROLL FEEDER	Perfect wire drive. Four rollers ensure constant wire feeding without slippage
99 PROGRAMS	Zero errors. Fast storage and recall of working parameters
ARC CONTROL	Surgical precision. Dynamic control of the weld pool and ramps
MULTI-PROCESS	Total versatility. MIG/MAG, MMA and TIG Lift in a single unit

CHOOSE YOUR POWER

FEATURE	MIG 350 SWF	MIG 500 SWF
MAX POWER	350 A @ 100%	500 A @ 100%
COOLING	Air (Air Cooled)	Water (Water Cooled)
APPLICATION	Medium-sized workshops, on-site maintenance	Heavy fabrication, production lines
PLUS	Compactness and maneuverability. Follows the operator everywhere	Thermal efficiency. Extreme protection of the torch and consumables

FR

LE CŒUR DE LA TECHNOLOGIE

TECHNOLOGIE	AVANTAGES CLIENT
PULSE TECH	Qualité TIG, rapidité MIG. Réduction des déformations et des projections.
DÉVIDOIR 4 ROULEAUX	Entraînement du fil optimal. Quatre galets assurent une alimentation constante du fil sans glissement.
99 PROGRAMMES	Zéro erreur. Enregistrement et rappel rapides des paramètres de travail.
CONTRÔLE DE L'ARC	Précision chirurgicale. Contrôle dynamique du bain de fusion et des rampes.
MULTIPROCESSUS	Polyvalence totale. MIG/MAG, MMA et TIG LIFT dans un seul appareil.

CHOISISSEZ VOTRE POUVOIR

CARACTÉRISTIQUES	MIG 350 SWF	MIG 500 SWF
PUISSANCE MAXIMALE	350 A à 100 %	500 A à 100 %
REFROIDISSEMENT	Refroidissement par air	Refroidissement à l'eau
APPLICATION	Ateliers de taille moyenne Maintenance sur site	Fabrication lourde, lignes de production
PLUS	Compacité et maniabilité. Suive l'opérateur partout	Rendement thermique élevé Protection extrême de la torche et des consommables

IT

IL CUORE DELLA TECNOLOGIA

TECNOLOGIA	VANTAGGI PER IL CLIENTE
TECNOLOGIA IMPULSI	Qualità TIG, velocità MIG. Riduzione di distorsioni e spruzzi.
ALIMENTATORE A 4 RULLI	Trascinamento filo perfetto. Quattro rulli garantiscono un'alimentazione del filo costante senza slittamenti.
99 PROGRAMMI	Zero errori. Memorizzazione e richiamo rapidi dei parametri di lavoro.
CONTROLLO DELL'ARCO	Precisione chirurgica. Controllo dinamico del bagno di saldatura e delle rampe.
MULTIPROCESSO	Versatilità totale. MIG/MAG, MMA e TIG Lift in un'unica unità.

SCEGLI LA TUA POTENZA

CARATTERISTICHE	MIG 350 SWF	MIG 500 SWF
POTENZA MASSIMA	350 A à 100 %	500 A à 100 %
RAFFREDDAMENTO	Aria (raffreddata ad aria)	Acqua (raffreddato ad acqua)
APPLICAZIONE	Officine di medie dimensioni, manutenzione in loco	Fabbricazione pesante, linee di produzione
PLUS	Compatta e maneggevole. Segue l'operatore ovunque	Efficienza termica. Protezione estrema della torcia e dei materiali di consumo

ES

EL CORAZÓN DE LA TECNOLOGÍA

TECNOLOGÍA	BENEFICIOS PARA EL CLIENTE
TECNOLOGÍA DE PULSO	Calidad TIG, velocidad MIG. Reducción de distorsión y salpicaduras.
ALIMENTADOR DE 4 RODILLOS	Alimentación de alambre perfecta. Cuatro rodillos garantizan una alimentación de alambre constante y sin deslizamientos.
99 PROGRAMAS	Cero errores. Almacenamiento y recuperación rápidos de los parámetros de trabajo.
CONTROL DE ARCO	Precisión quirúrgica. Control dinámico del baño de soldadura y las rampas.
MULTIPROCESO	Versatilidad total. MIG/MAG, MMA y TIG Lift en una sola unidad.

ELIGE TU PODER

CARACTERÍSTICAS	MIG 350 SWF	MIG 500 SWF
MÁXIMA POTENCIA	350 A à 100 %	500 A à 100 %
REFRIGERACIÓN	Aire (refrigerado por aire)	Agua (refrigerada por agua)
APLICACIÓN	Talleres medianos, mantenimiento in situ	Fabricación de alta resistencia, líneas de producción
ADEMÁS	Compacto y fácil de manejar. Sigue al operador a todas partes.	Eficiencia térmica. Protección máxima de la antorcha y consumibles

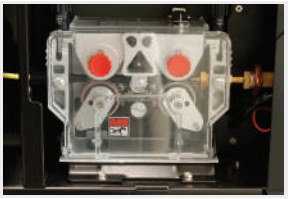
MIG 550 SWF SYNERGIC DOUBLE PULSE

CE
SPOT
SAFETY LVD IEC 60974-1
EMC IEC 60974-10
EURO
IGBT INSULATED GATE BIPOLAR TRANSISTOR
NO LIVE TORCH
21S IP
GAS NO GAS
H CLASS
2T 4T MODE
S4T MODE
DM50 SOCKET Ø 13mm
η >85%
<50W



ALUMINIUM
INVERTER
CONNECTABLE TO POWER GENERATOR
MIG
CONNECTOR 35-50
WATER COOLING SYSTEM INCLUDED
+
WHEEL KIT INCLUDED
+
CONNECTION CABLE 5m

HIGH DUTY WIRE FEEDER



OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



COOLING LIQUID 5L
COD. 95097



ACCESSORIES INCLUDED



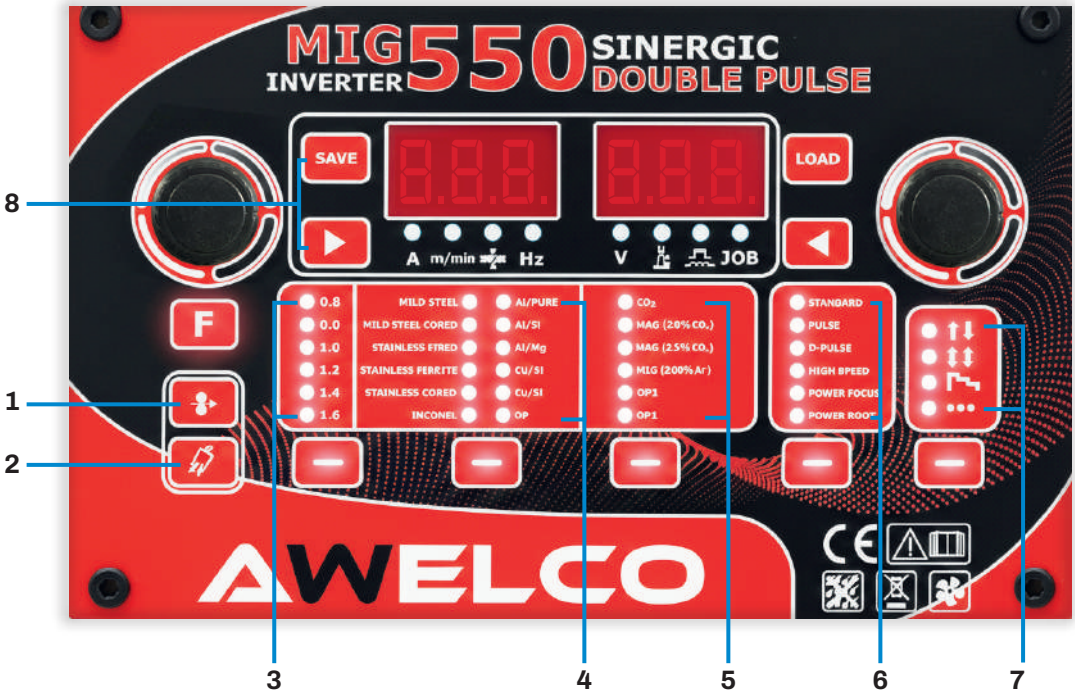
N18750E:
WELDING MACHINE WITH ENTRY LEVEL ACCESSORIES KIT

Ø200/300 mm	SG2	INOX	ALU	FLUX	CuSi
N18750	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø	0,8-1,6Ø

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	PMAX		Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER (kVA / kW)		NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
MIG 550 SWF SYNERGIC DOUBLE PULSE	N18750	400V~3ph	26	22	97	60-500	100/500	1,17m³	136	1220x800x1200	1	1	8004386187500

Industrial Synergic Double Pulse
DUTY CYCLE 100%



CONTROL PANEL

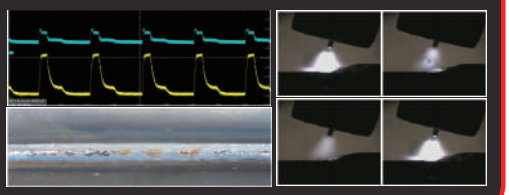
ENGLISH
1. Wire speed test
2. Gas test
3. Wire diameter
4. Base material / Filler material
5. Shielding gas
6. Welding mode
7. Operating mode
8. Program saving and recall (99)

FRANÇAIS
1. Vitesse d'avance du fil
2. Test gaz
3. Diamètre du fil
4. Mat. de base / Mat. d'apport
5. Gaz de protection
6. Mode de soudage
7. Mode opératoire
8. Sauvegarde et rappel des programmes (99)

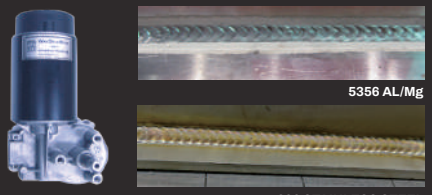
ITALIANO
1. Avanzamento filo
2. Prova gas
3. Diametro filo
4. Mat. base / Mat. d'apporto
5. Gas di saldatura
6. Modalità di saldatura
7. Modalità operativa
8. Salvataggio e richiamo programmi (99)

ESPAÑOL
1. Velocidad de avance del hilo
2. Prueba de gas
3. Diámetro del hilo
4. Mat. base / Mat. de aporte
5. Gas de protección
6. Modo de soldadura
7. Modo operativo
8. Guardado y recuperación de programas (99)

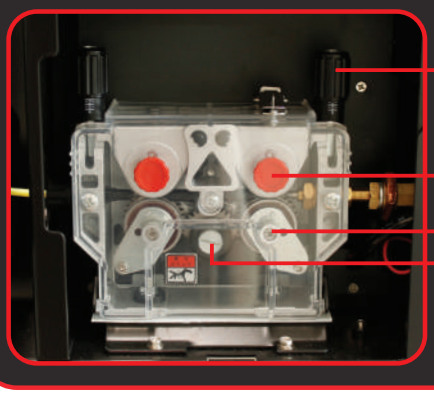
PULSED ARC



DOUBLE PULSED ARC



HIGHT DUTY WIRE FEEDER



ENGLISH
1. Pressure handle.
2. Pressing roller.
3. Drive gear.
4. Feeding roller.

FRANÇAIS
1. Poignée de pression.
2. Rouleau presseur.
3. Engrenage d'entraînement.
4. Rouleau d'alimentation.

ITALIANO
1. Maniglia a pressione.
2. Rullo pressore.
3. Ingranaggio di azionamento.
4. Rullo di alimentazione.

ESPAÑOL
1. Mango de presión.
2. Rodillo de presión.
3. Engranaje impulsor.
4. Rodillo de alimentación.

EXTRA WIRE FEEDER ROLLS

TIG 200 I HF-DC PULSE

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

H CLASS

SAVE PROGRAM

HF

PULSE

2T 4T MODE

<50W

DM50 SOCKET Ø 13mm

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG HF

TIG PULSE

MMA

CONNECTOR 35-50

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



GLOVES
COD. 90330



APRON
COD. 90316



KIT TORCH HF
COD. 97522



TIG TORCH HF 26
COD. 96020



MMA KIT
WELDING MASK (x1)
HAMMER BRUSH (x1)
ELECTRODE HOLDER
300Amp (x1)
EARTH CLAMP
300Amp (x1)
WELDING CABLE
5m - Ø25mm² (x2)
CONNECTOR 35-50
COD. 98063



ACCESSORIES INCLUDED



ELECTRODES

Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	P MAX W E		Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TIG 200 I HF-DC PULSE	58195	230V~1ph	MMA 6,6 TIG 6,1	MMA 5,0 TIG 4,7	70	MMA 10-160 TIG 10-200	MMA 20/160 TIG 17/200	MMA 160A@60% TIG 200A@60%	1,6-4,0	0,037m³	9,6	460x230x345	1	35	8004386581957

TIG 200 AC/DC PULSE

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

23S IP

H CLASS

DM50 SOCKET Ø 13mm

AC DC

HF

<50W

PULSE

>80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG HF

TIG PULSE

TIG LIFT

MMA

CONNECTOR 35-50

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



MAGNETIC HELP
COD. 88031



MAX-PROF
COD. 92430



W BRUSH
COD. 90306



TIG TORCH HF 18 W
COD. 96030



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



HAMMER
COD. 80010



APRON
COD. 90316



REMOTE CONTROL
COD. 95901



ACCESSORIES INCLUDED



OPTIONAL
TIG TORCH ACCESSORIES
pg. 128

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	WELDING CURRENT AC	WELDING CURRENT DC	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX	BOX VOLUME	Kg	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE			DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TIG 200 AC/DC PULSE	58021	230V~1ph	MMA 6,6 TIG 6,1	MMA 5,0 TIG 4,7	70	TIG 10-200	MMA TIG 10-170	MMA 20/170 (AC - DC) TIG 35/200 (AC) TIG 40/170 (DC)	MMA 170A@60% TIG 200A@100%	1,6-4,0	0,037m³	9,6	460x230x345	1		8004386580219

TIG 210 AC/DC PFC

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

23S IP

DM50 SOCKET Ø 13mm

H CLASS

AC DC

WATER COOLED OPTIONAL

PFC POWER FACTOR CORRECTION

HF

<50W

PULSE

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG HF

TIG PULSE

TIG LIFT

MMA

CONNECTOR 35-50

POWER FACTOR CORRECTION
90/270V INPUT

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



MAGNETIC HELP
COD. 88031



HAMMER
COD. 80010



MAX-PROF
COD. 92430



APRON
COD. 90316



W BRUSH
COD. 90306



REMOTE CONTROL
COD. 95900



TIG TORCH HF 18 W
COD. 96030



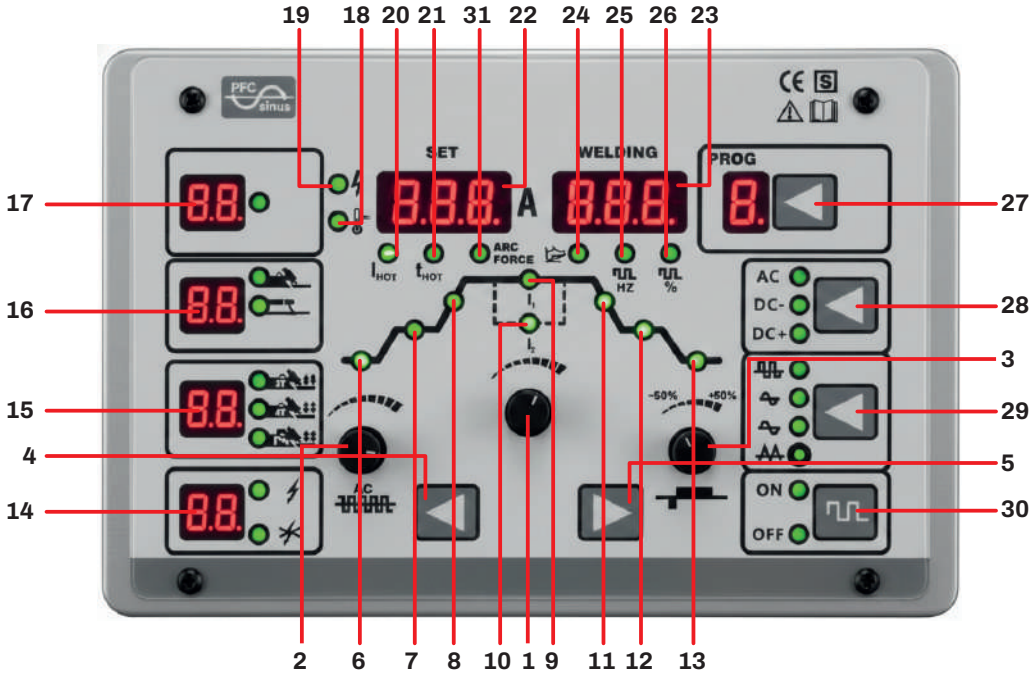
ACCESSORIES INCLUDED



OPTIONAL
TIG TORCH ACCESSORIES
pg. 128

TECHNICAL SPECIFICATIONS

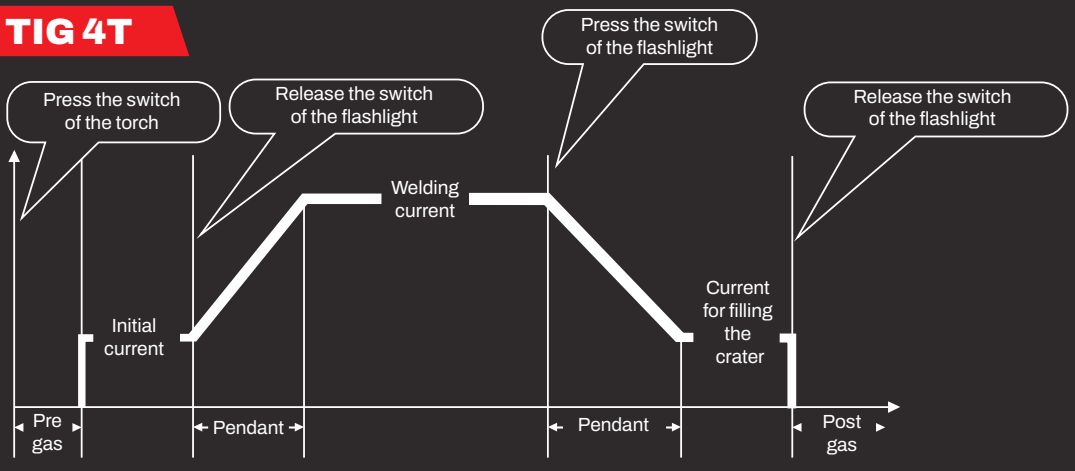
	CODE	50-60Hz	P MAX W		Vo	I2[A] MIN MAX	X%/I2[A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	W H L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TIG 210 AC/DC PFC	58201	230V~1ph	MMA 5,6 TIG 5,7	MMA 5,6 TIG 5,7	MMA 94 TIG 62	MMA 10-160 TIG 5-210	MMA 35/160 TIG 35/210	MMA 160A@45% TIG 210A@45%	1,6-4,0	0,11m³	27,6	570x320x600	1	12	8004386582015



CONTROL PANEL

1. Welding parameter adjustment
2. AC frequency
3. AC balance
4/5. Welding parameter selection
6. Gas pre-flow time
7. Start current
8. Slope-up time
9. Welding current / pulse current in TIG pulse mode
10. Base current in TIG pulse mode / second current in 4T SPECIAL.
11. Slope-down time
12. End current
13. Gas post-flow time
14. Arc ignition: HF / Lift arc
15. Welding mode: 2T / 4T / 4T with second current
16. Welding process: TIG / MMA
17. Gas test
18. Overload LED
19. Power ON LED
20. MMA Hot-start current adjustment
21. MMA Hot-start current time
22. Set parameter display
23. Measured welding current display
24. Remote control active LED
25. Pulse frequency
26. TIG pulse current duty cycle
27. Program memory selection
28. Current type: AC, DC, polarity change
29. AC wave shape
30. Pulsed arc
31. Arc-force adjustment

TIG 4T



AC / DC PULSE

TIG 320 AC / DC

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

IGBT INSULATED GATE BIPOLAR TRANSISTOR

21S IP

H CLASS

DM50 SOCKET Ø 13mm

PULSE

<50W

HF

η >80%



INVERTER

3ph

CONNECTABLE TO POWER GENERATOR

TIG LIFT

TIG PULSE

TIG HF

MMA

CONNECTOR 35-50

WATER COOLED OPTIONAL

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



MAGNETIC HELP
COD. 88031



MAX-PROF
COD. 92430



TROLLEY
COD. 90989



REMOTE CONTROL
COD. 95900



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



HAMMER
COD. 80010



COOLING LIQUID 5L
COD. 95097



WATER COOLING
COD. 90986



TIG TORCH HF 18 W
COD. 96030



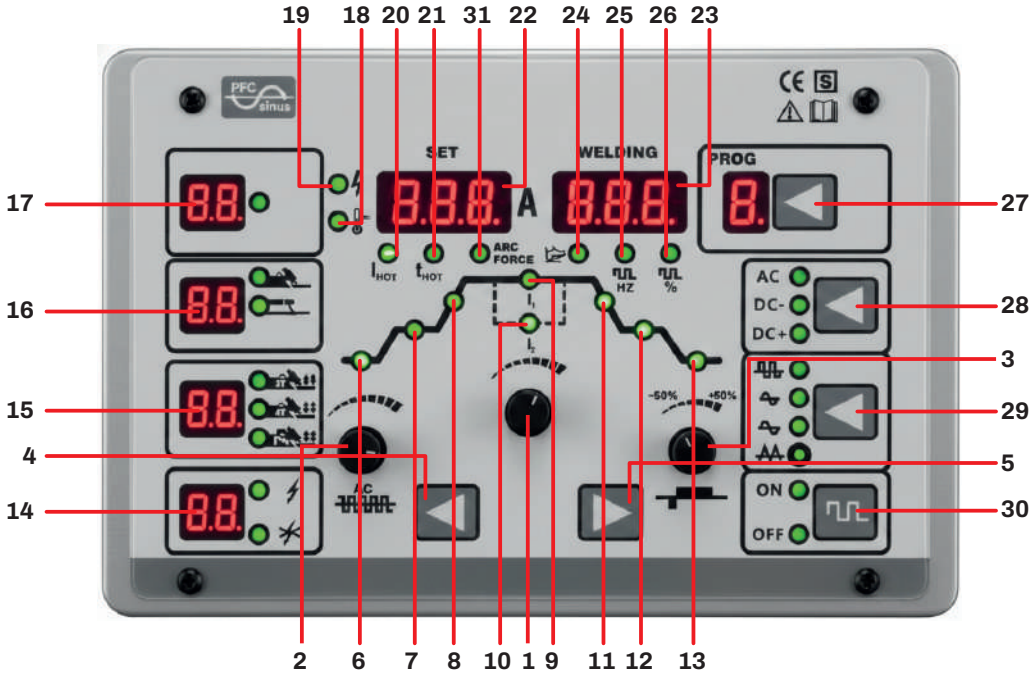
ACCESSORIES INCLUDED



OPTIONAL
TIG TORCH ACCESSORIES
pg. 128

TECHNICAL SPECIFICATIONS

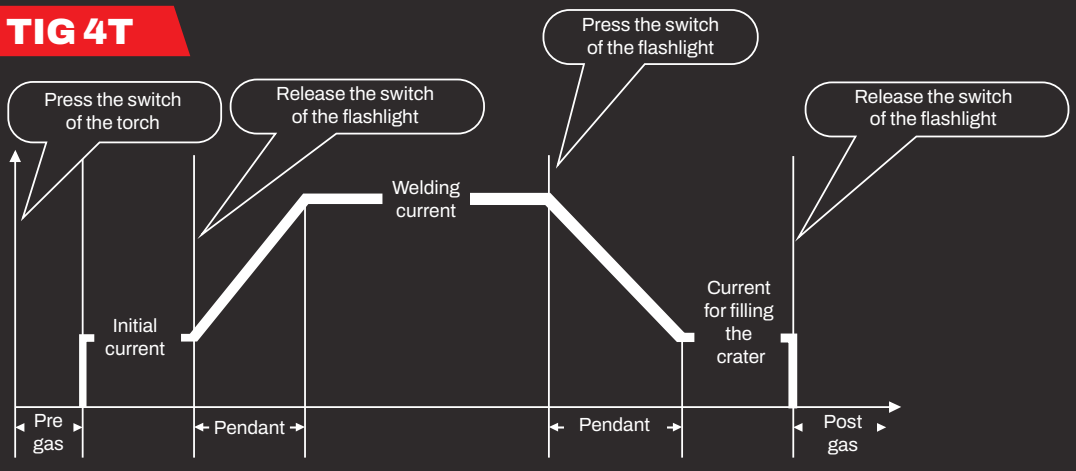
	CODE	50-60Hz	P_{MAX}	Vo	I_2[A] MIN MAX	$X_{\%}/I_2$[A] 40° EN 60974-1	$X_{20°C}$	Ø MIN MAX	Kg	BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	ABSORBED POWER kW	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
TIG 320 AC / DC	58320	400V~3ph	MMA 12 TIG 8,5	MMA 7,6 TIG 5,3	72	MMA 10-320 TIG 5-320	MMA 20/320 TIG 35/320	MMA 320A@45% TIG 320A@30%	1,6-5,0	0,012m³	38,3	575x580x335	1	8	8004386583203



CONTROL PANEL

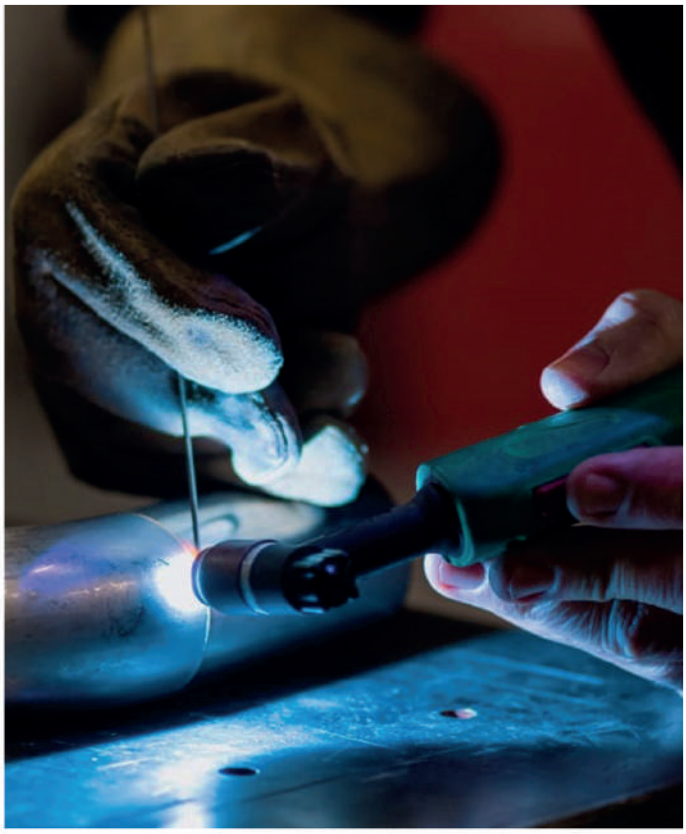
1. Welding parameter adjustment
2. AC frequency
3. AC balance
4/5. Welding parameter selection
6. Gas pre-flow time
7. Start current
8. Slope-up time
9. Welding current / pulse current in TIG pulse mode
10. Base current in TIG pulse mode / second current in 4T SPECIAL.
11. Slope-down time
12. End current
13. Gas post-flow time
14. Arc ignition: HF / Lift arc
15. Welding mode: 2T / 4T / 4T with second current
16. Welding process: TIG / MMA
17. Gas test
18. Overload LED
19. Power ON LED
20. MMA Hot-start current adjustment
21. MMA Hot-start current time
22. Set parameter display
23. Measured welding current display
24. Remote control active LED
25. Pulse frequency
26. TIG pulse current duty cycle
27. Program memory selection
28. Current type: AC, DC, polarity change
29. AC wave shape
30. Pulsed arc
31. Arc-force adjustment

TIG 4T



AC / DC PULSE









INDUSTRIAL

4 IN 1: MIG TIG HF MMA PLASMA

	CODE	50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1	Ø MIN MAX	SOCKET Ø		AC / DC	PULSE			GAS NO GAS	INPUT PRESSURE
GLOBAL 300	53210	230V~1ph	TIG MMA MIG 200 PLASMA 40	TIG 30/200 MMA 35/160 MIG 25/200 PLASMA 40/40	1,6-4,0 mm	DM35-50	√	√	√	Ø200mm	EURO	√	5 bar

GLOBAL 300

CE

SAFETY LVD IEC 60974-1

AC DC

EMC IEC 60974-10

NO LIVE TORCH

IGBT INSULATED GATE BIPOLAR TRANSISTOR

DM50 SOCKET Ø 13mm

21S IP

2T 4T MODE

H CLASS

GAS NO GAS

EURO

ENCO MENU

<50W

WIRE SPEED 0

η >80%



INVERTER

CONNECTABLE TO POWER GENERATOR

TIG PULSE

TIG HF

AC DC

MMA

MIG

PLASMA

CONNECTOR 35-50

SYNERGIC
- SPEED
- VOLTAGE
- AMPERAGE
- INDUCTANCE

CUT UP TO 15 mm

AIR COMPRESSOR REQUIRED
MIN 5 Bar

Ø200mm	SG2	INOX	FLUX	ALU
53210	0,6-1,2Ø	0,6-1,2Ø	0,8-0,9Ø	0,6-1,2Ø

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



WIRE



COD. 92926
FLUX Ø0,8mm - 4,5kg
COD. 92970
FLUX Ø0,9mm - 4,5kg
COD. 92980
FLUX Ø1,0mm - 4,5kg

SPOOL GUN TORCH
COD. 90103



TORCH CONSUMABLES



PLASMA ELECTRODES
Elettrodo Plasma
COD. 95422.5



AIR DIFFUSER
Diffusore Aria
COD. 95422.4



Tip
Ugello
Cod. 95422.3



RETAINING CAP
Ugello esterno
COD. 95422.2

ACCESSORIES INCLUDED



ELECTRODES



Rutilici / Rutile - AWS E6013
Inox / Stainless Steels - AWS E308
Basici / Basic - AWS E7018
Ghisa / Cast Iron - AWS A5.15

TECHNICAL SPECIFICATIONS

	CODE	V 50-60Hz	P MAX	Vo	I2 [A] MIN MAX	X%/I2 [A] 40° EN 60974-1	X 20°C	Ø MIN MAX		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	ELECTRODES (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
GLOBAL 300	53210	230V~1ph	8 kVA	TIG-MMA-MIG 72V PLASMA 270V	TIG 10-200 MMA 10-200 MIG 30-200 PLASMA 20-40	TIG 30/200 MMA 35/160 MIG 25/200 PLASMA 40/40	200A@90%	1,6-4,0	0,010m³	15	410x415x630	1	8	8004386532102





INDUSTRIAL

PLASMA INVERTER

	CODE	V 50-60Hz	A MAX	X%/I2[A] 40° EN 60974-1	INPUT PRESSURE	MAX CUT SEPARATION	FUNCTION
PLASMA 40K	53189	230V~1ph	40 A	15/40	3 BAR	15 mm	PLASMA
PLASMA 80	53080	400V~3ph	80 A	60/80		10-20 mm	PLASMA
PLASMA 120	53100	400V~3ph	100 A	60/100		15-30 mm	PLASMA

PLASMA 40K ——— 82
PLASMA 80 ——— 83
PLASMA 120 ——— 83


*P-Case=
Plastic Case


*C-Bag=
Carton Bag


*C-Box=
Box


*Trolley

PLASMA 40K

CE

SAFETY LVD IEC 60974-6

EMC IEC 60974-10

21S IP

H CLASS

<50W

η >80%



INVERTER

COMPRESSOR INSIDE

OPTION EXTERNAL **COMPRESSOR** CONNECTABLE

CUT UP TO **15 mm**

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



GLOVES
COD. 90330



MAGNETIC HELP
COD. 88031



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



APRON
COD. 90316



HAMMER
COD. 80010



TORCH CONSUMABLES



PLASMA ELECTRODES
Elettrodo Plasma
21,8mm
COD. 95111



AIR DIFFUSER
Diffusore Aria
COD. 95112



Tip
Ugello
Cod. 95113



RETAINING CAP
Ugello esterno
COD. 95114

ACCESSORIES INCLUDED



MAX CUTTING THICKNESS (mm)



TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	ABSORBED POWER kVA	ABSORBED POWER kW	Vo	I2[A] MIN MAX	I2max EN 60974-6 ton	I2max EN 60974-6 Σton	X 20°C	MAX CUTTING THICKNESS (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE			NO LOAD VOLTAGE	WELDING CURRENT	WELDING TIME 3'00''	WELDING TIME 12'00''	DUTY CYCLE							
PLASMA 40K	53189	230V~1ph	6,4	4,9	325	15-40			40A@60%	15	0,054m³	17,8	460x335x350	1	30	8004386531891

PLASMA 80 - 120

CE

SAFETY LVD IEC 60974-1

EMC IEC 60974-10

21S IP

H CLASS

<50W

3PH

>85%



INVERTER

3ph

PILOT ARC

AIR PRESSURE 0.4~0.6 Mpa 4~6 Bar

CONNECTOR 35-50

OPTIONAL

HELMET 1500-G
DIN 4/9-13
COD. 90356



GLOVES
COD. 90330



MAGNETIC HELP
COD. 88031



HELMET 2000 E 11
DIN 11 FIX
COD. 90385



APRON
COD. 90316



HAMMER
COD. 80010



TORCH CONSUMABLES



PLASMA ELECTRODES
Elettrodo Plasma
COD. 95116



Tip
Ugello
Cod. 95117 / 95118 / 95119



RETAINING CAP
Ugello esterno
COD. 95120

ACCESSORIES INCLUDED



MAX CUTTING THICKNESS (mm)	MAX CUTTING THICKNESS (mm)
Cutting Thickness	Cutting Thickness
25 / 30 mm	45 / 50 mm
PLASMA 80	PLASMA 120
CUTTING / SEPARATION	CUTTING / SEPARATION

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P_{MAX}	Vo	I_2[A] MIN MAX	X%/I_2[A] 40° EN 60974-1	X 20°C			Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER kVA	NO LOAD VOLTAGE	WELDING CURRENT	DUTY CYCLE	DUTY CYCLE	MAX CUTTING THICKNESS (mm)	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
PLASMA 80	53080	400V~3ph	14	320	30-80	60/80	80A@100%	25	0,09m³	23	605x330x435	1	12	8004386530801
PLASMA 120	53100	400V~3ph	17,8	320	30-100	60/100	100A@100%	45	0,12m³	33,9	670x345x540	1	6	8004386531006



INDUSTRIAL

BATTERY CHARGER & BOOSTER

	CODE	V 50-60Hz	+ -		A	Pb	Gel	Pb/Ca	Agm	Std	Wet
THOR 450	75210	230V~1ph	12 - 24 V	3 + 3	√	√					
THOR 650	75310	230V~1ph	12 - 24 V	9 + 9	√	√					
THOR 750	75410	230V~1ph	12 - 24 V	9 + 9	√	√					
THORMATIC 400	76540	230V~1ph	12 - 24 V		DISPLAY						
THORMATIC 500	76550	230V~1ph	12 - 24 V		DISPLAY		√		√	√	√

THOR 450 86
THOR 650 87
THOR 750 87
THORMATIC 400 88
THORMATIC 500 89

THOR 450



CHARGER

BOOSTER

SLOW CHARGE

FAST CHARGE

REMOTE CONTROL

CE EMC EN 55014 SAFETY LVD EN 60335-1 EN 60335-2-29

POLARITY PROTECTION KIT

REGULATION: SLOW FAST BOOST

24V 12V Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	CHARGE BOOST		CHARGE		BOOST										
					IEFF	I2	IEFF	I2 1,5 V/C	CAPACITY								
	ORDER CODE	INPUT VOLTAGE	MAX ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335	EN60335 12 V	EN60335	MIN	MAX	REGULATIONS N°	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
THOR 450	75210	230V~1ph	1,1 kW 6,2 kW	12 V 24 V	63 A 47 A	40 A 30 A	285 A 250 A	180 A 160 A	35Ah (2h)	1200Ah (24h)	3 + 3	0,042m³	18	320x215x620	1	36	8004386752104

THOR 650 - 750



CHARGER

BOOSTER

8 SETTING CHARGE

REMOTE CONTROL AND **DOUBLE AMMETER**

CE · EMC EN 55014 · SAFETY LVD EN 60335-1 EN 60335-2-29 · KIT · POLARITY PROTECTION

REGULATION: 8 SETTING CHARGE · BOOST

24V · 12V · Pb

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	CHARGE BOOST		CHARGE		BOOST									
					I_{EFF}	I_2	I_{EFF}	I_2 1,5 V/C	CAPACITY		REGULATIONS N°	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
	ORDER CODE	INPUT VOLTAGE	MAX ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335	EN60335 12 V	EN60335	MIN	MAX							
THOR 650	75310	230V~1ph	2,5 kW 11 kW	12 V 24 V	80 A 89 A	50 A 53 A	435 A 330 A	290 A 220 A	40Ah (2h)	1500Ah (24h)	9 + 9	0,113m³	28,8	450x300x835	1	12	8004386753101
THOR 750	75410	230V~1ph	2,7 kW 12 kW	12 V 24 V	88 A 90 A	55 A 56 A	600 A 570 A	400 A 380 A	40Ah (2h)	1600Ah (24h)	9 + 9	0,113m³	28,9	450x300x835	1	12	8004386754108

THORMATIC 400

CE

EMC
EN 55014

SAFETY
LVD
EN 60335-2-29

POLARITY PROTECTION

FAST

SLOW

NEW PRODUCT



INVERTER

CHARGER

BOOSTER

SLOW CHARGE

FAST CHARGE

BATTERY RESTORE

ALTERNATOR TEST FUNCTION

DESULFATION FUNCTION

VOLTAGE CONTROL ON BOOST FUNCTION

AUTOMATIC SWITCH OFF

MAINTENANCE

MAXI DISPLAY



24V 12V

BOOST	THORMATIC 400
IEFF	410 A (12V) 200 A (24V)

Ah	THORMATIC 400
	30-600 Ah

Agm Gel Std Wet

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P		IEFF	I2		Kg	H W L			BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
THORMATIC 400	76540	230V~1ph	0,7 kW 1,5 kW	12 V 24 V	60 A	60 A	0,027m³	7	380x335x245	1	52	8004386765401

THORMATIC 500

CE

EMC
EN 55014

SAFETY
LVD
EN 60335-2-29

POLARITY PROTECTION

KIT

FAST

SLOW

NEW PRODUCT



INVERTER

CHARGER

BOOSTER

SLOW CHARGE

FAST CHARGE

BATTERY RESTORE

ALTERNATOR TEST FUNCTION

DESULFATION FUNCTION

VOLTAGE CONTROL ON BOOST FUNCTION

AUTOMATIC SWITCH OFF

MAINTENANCE

MAXI DISPLAY



24V 12V

BOOST	THORMATIC 500
IEFF	410 A (12V) 200 A (24V)

Ah	THORMATIC 500
	30-600 Ah

Agm Gel Std Wet

TECHNICAL SPECIFICATIONS

	CODE	50-60Hz	P		IEFF	I2		Kg				BAR CODE
	ORDER CODE	INPUT VOLTAGE	ABSORBED POWER	BATTERY VOLTAGE	EFFECTIVE CURRENT	EN60335 12 V	BOX VOLUME	BOX WEIGHT	BOX SIZE (mm)	PCS PER BOX	PCS PER EURO PALLET	BAR CODE
THORMATIC 500	76550	230V~1ph	0,7 kW 1,5 kW	12 V 24 V	60 A	60 A	0,060m³	16,5	350x240x710	1	25	8004386765500

Inverter battery charger & booster

VOLTAGE CONTROL ON BOOST FUNCTION FOR VEHICLE ELECTRONIC ON BOARD PROTECTION



CONTROL PANEL

ENGLISH

1. Battery charging level
2. Charging
   2+3 Battery type / winter function / desulfation / boost function
2. Boost function + 4. Boost start
2. + 3. Selection 12-24V o Alternator test

FRANÇAIS

1. Niveau de charge
2. Charge
   2+3 Battery type / winter fonction / désulfatation / démarage fonction
2. Démarage fonction + 4. Démarage start
2. + 3. Sélection 12-24V ou Alternator test

ITALIANO

1. Livello di carica della batteria
2. Carica
   2+3 Tipo batteria / funzione winter / desolfatazione / avviamento
2. Funzione avviamento + 4. Inizio avviamento
2. + 3. Selezione 12-24V o Test alternatore

ESPAÑOL

1. Nivel de carga
2. Cargador
   2+3 Tipo de bateria / winter función / desulfatación / función arrancador
2. Función arrancador + 4. Start arrancador
2. + 3. Selección 12-24V o Prueba del alternador

WINTER FUNCTION

Gestione della tensione di carica maggiorata durante l'inverno.
Charging voltage management during the winter time.
Gestion de la tension de charge en hiver.
Gestión de la tensión de carga durante el invierno.



WELDING

ACCESSORIES & CONSUMABLES

SAFETY: Personal protective equipment — 93
MMA: Accessories & consumables — 108
MIG - MAG: Accessories & consumables — 112
TIG: Accessories & consumables — 123
PLASMA: Accessories & consumables — 130
WELDING ACCESSORIES — 134

SAFETY

PERSONAL PROTECTIVE EQUIPMENT

RISKS & SOLUTIONS

FACE AND EYES

Eye injuries can be 90% avoided by using appropriate safety glasses, goggles or helmets. Of approximately 770 workers who suffered facial injuries, only 1% wore face protection.

WELDING MASK AND SAFETY GLASSES

An auto-darkening mask offers the welder immediate and automatic protection during welding operations. Safety glasses provide additional protection from grinding particles.



HAND AND FOREARM

25% of all workplace injuries involved hands and fingers.

GLOVES AND SLEEVES

The choice of welding gloves depends on the application and the ability to offer the right level of protection and comfort. The sleeves over the jacket provide greater protection for the arms.

BODY

Every day many workers are hospitalized in burn centers with injuries due to the flames generated by the arcs.

WELDING APRON

Highest quality welding apron, made to protect clothing from welding spatter and grinding particles.

PROTECTOR 400





BAG	
CODE	90405
MASTERBOX	6 pcs
DIN	DIN 5
BOX WEIGHT	72 g
⟷	Ø50 mm
BAR CODE	8004386904053

PROTECTOR 500





BLISTER	
CODE	90406
MASTERBOX	6 pcs
DIN	DIN 5
BOX WEIGHT	72 g
⟷	Ø50 mm
BAR CODE	8004386904060

PROTECTOR 500 FLIP UP





BAG	
CODE	90407
MASTERBOX	6 pcs
DIN	DIN 5
BOX WEIGHT	72 g
⟷	Ø50 mm
BAR CODE	8004386904077



PROTECTOR 1000

CODE	90360	**DIN**	DIN 11 FIX		50x105mm	**BAR CODE**	8004386903605
CODE	90362	**DIN**	DIN 11 FIX		75x98mm	**BAR CODE**	8004386903629
CODE	90364	**DIN**	DIN 11 FIX		90x110mm	**BAR CODE**	8004386903643
MASTERBOX					6 pcs		
BOX WEIGHT					0,35 kg		



HELMET 2000-C FLIP UP

BOX							
CODE	90320	**DIN**	DIN 11 FIX		41x95mm	**BAR CODE**	8004386903209
BOX WEIGHT					0,8 kg		
PCS PER EUROPALLET					105		



ELECTRONIC MASK

CODE	90358	**DIN**	DIN 11 FIX		90x110mm	**BAR CODE**	8004386903582
MASTERBOX					6 pcs		
BOX WEIGHT					0,4 kg		



ELECTRONIC



HELMET 3000-C FLIP UP

CODE	90419	**DIN**	DIN 11 FIX		90x110mm	**BAR CODE**	8004386904190
BOX WEIGHT					0,9 kg		
PCS PER EUROPALLET					105		

1100 - E

CODE: **95690**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

2 ARC SENSORS

SOLAR POWER

LCD DISPLAY



SHADE **DIN 11 FIX**



TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
1100 - E	0.1-0.8s	<1/10000s	DIN 11 FIX	91x39mm	1/1/1/2	2	0,5 kg	0,8 kg	105	8004386956908

1500 - G

CODE: **90356**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

2 ARC SENSORS

SOLAR POWER

LCD DISPLAY



SHADE VARIABLE **DIN 4/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90309
SIZE	115x104x1 mm (FRONT) 95x43x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90308
SIZE	115x104x1 mm (FRONT)	SIZE	95x43x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
1500 - G	0.1-1.0s	<1/30000s	DIN 4/9-13	89x39mm	1/1/1/2	2	0,4 kg	0,9 kg	105	8004386903568

2000 - E 11

CODE: **90385**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

2 ARC SENSORS

SOLAR POWER

LCD DISPLAY



SHADE
DIN 11 FIX



PROTECTION LENSES - BLISTER	
CODE	90332
SIZE	115x104x1 mm (FRONT) 102,5x42,3x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90342
SIZE	115x104x1 mm (FRONT)	SIZE	102,5x42,3x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
2000-E 11	0.1-0.8s	<1/10000s	DIN 11 FIX	96x39mm	1/1/1/2	2	0,4 kg	0,8 kg	105	8004386903858

2000 - E

CODE: **90390**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

2 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE
DIN 4/9-13

SENSITIVITY & DELAY TIME ADJUSTABLE



PROTECTION LENSES - BLISTER	
CODE	90332
SIZE	115x104x1 mm (FRONT) 102,5x42,3x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90342
SIZE	115x104x1 mm (FRONT)	SIZE	102,5x42,3x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
2000 - E	0.1-1.0s	<1/30000s	DIN 4/9-13	96x39mm	1/1/1/2	2	0,4 kg	0,8 kg	105	8004386903902

2000 - G

CODE: **90392**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

2 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE **DIN 4/9-13**

GLOSSY **PAINT**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90327
SIZE	110x90x1 mm (FRONT) 102,5x42,3x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90341	CODE	90342
SIZE	110x90x1 mm (FRONT)	SIZE	102,5x42,3x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
2000-G	0.1-1.0s	<1/30000s	DIN 4/9-13	92x42mm	1/1/1/2	2	0,4 kg	0,8 kg	105	8004386903926

3000 - E ORION

CODE: **90351**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE **DIN 4/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90333
SIZE	115x104x1 mm (FRONT) 100x49x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90345
SIZE	115x104x1 mm (FRONT)	SIZE	100x49x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
3000-E ORION	0.1-1.0s	<1/30000s	DIN 4/9-13	100x45mm	1/1/1/2	4	0,4 kg	0,9 kg	105	8004386903513

3000 - E JOKER

CODE: 90352

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE DIN 4/9-13

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90333
SIZE	115x104x1 mm (FRONT) 100x49x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90345
SIZE	115x104x1 mm (FRONT)	SIZE	100x49x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
3000-E JOKER	0.1-1.0s	<1/30000s	DIN 4/9-13	100X45mm	1/1/1/2	4	0,4 kg	0,9 kg	105	8004386903520

3000-E FLIP UP

CODE: 90353

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE DIN 4/5-8/9-13

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90328
SIZE	110x90x1 mm (FRONT) 100x49x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90341	CODE	90345
SIZE	110x90x1 mm (FRONT)	SIZE	100x49x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
3000 - E FLIP UP	0.1-1.0s	<1/25000s	DIN 4/5-8/9-13	100x53mm	1/1/1/2	4	0,4 kg	0,9 kg	105	8004386903537

4000 - E

CODE: **90397**

OPTICAL CLASS 1/1/1/1

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE **DIN 4/5-8/9-13**

GLOSSY **PAINT**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90334
SIZE	115x104x1 mm (FRONT) 100x63,5x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90339	CODE	90346
SIZE	115x104x1 mm (FRONT)	SIZE	100x63,5x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
4000 - E	0.1-1.0s	<1/30000s	DIN 4/5-8/9-13	100X60mm	1/1/1/1	4	0,4 kg	1,0 kg	105	8004386903971

5000 - E

CODE: **90399**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE **DIN 4/5-8/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90338
SIZE	118x137x1 mm (FRONT) 105x92x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



PROTECTION LENSES - BULK			
CODE	90347	CODE	90349
SIZE	118x137x1 mm (FRONT)	SIZE	105x92x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
5000 - E	0.1-1.0s	<1/30000s	DIN 4/5-8/9-13	98x87mm	1/1/1/2	4	0,4 kg	1,0 kg	105	8004386903995

5500 - E

CODE: **95700**

OPTICAL CLASS 1/1/1/1

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

LCD DISPLAY

TRUE COLOR



SHADE VARIABLE **DIN 5-9/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



PROTECTION LENSES - BLISTER	
CODE	90289
SIZE	122x136x1 mm (FRONT) 105x101x0.8 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO



TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
5500 - E	0.2-0.8s	<1/30000s	DIN 5-9/9-13	100X97mm	1/1/1/1	4	0,4 kg	1,0 kg	105	8004386957004



6000 - E AIR FRESH

CODE: 90403

OPTICAL CLASS 1/1/1/2

GRINDING MODE



OPTIONAL

PARTICULATE FILTER
COD. 90462



FOAM PREFILTER
COD. 90461





PROTECTION LENSES - BLISTER	
CODE	90338
SIZE	118x137x1 mm (FRONT) 105x92x1 mm (BACK)
PCS	2 pcs FRONT 2 pcs RETRO

PROTECTION LENSES - BULK			
CODE	90347	CODE	90349
SIZE	118x137x1 mm (FRONT)	SIZE	105x92x1 mm (BACK)
PCS	20 pcs FRONT	PCS	20 pcs BACK

TECHNICAL SPECIFICATIONS

MODEL	■→□	□→■	□	□↕	OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
6000-E AIR FRESH	0.1-1.0s	Digital 1-7 level (Digital Control)	DIN 4/5-8/9-13	98x87mm	1/1/1/2	4	2,7 kg	3 kg	40	8004386904039

AIR PURIFYING RESPIRATOR



Filter Cover



Foam Prefilter



Spark Guard Screen



Particulate Filter



Air Filter



Battery



Battery Charger



Waist Belt and Shoulder Harness



Air Flow Speed	170L/Min, 220L/Min
System	Automatic detecting and controling system provides constantly stable clean air
Switch	2 levels of airflow control - On/off Switch button control
Warming Alarms	Audible+Visual for Low Power, Clogged Filter, Reduced Air Flow
Noise	Max 67dB
Filter Type	TH3P-R-SL
Dimension	224x190x70mm(LxWxT)
Weight	1.1kg (including filter, belt and battery)
Battery Operating Time	High air flow: 7.5 hours | Low air flow: 10 hours
Battery	14.8V/2.2Ah LI/ON
Recharge Number of Time	>500
Charge Time	From flat 1.5 hours

7000 - E

CODE: **95715**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

TRUE COLOR

TIG RATING 2A - 350A







SHADE VARIABLE **DIN 4-8/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE

TECHNICAL SPECIFICATIONS

MODEL	■→□	□→■	□	↕	OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
7000-E	0.04-2.0s	<1/15000s	DIN 4-8/9-13	108X74mm	1/1/1/2	4	0,5 kg	1,0 kg	105	8004386957158

7000 - E LCD

CODE: **95710**

OPTICAL CLASS 1/1/1/2

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

TRUE COLOR

TIG RATING 2A - 350A







SHADE VARIABLE **DIN 4-8/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE

TECHNICAL SPECIFICATIONS

MODEL	■→□	□→■	□	↕	OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
7000-E LCD	0.04-2.0s	<1/15000s	DIN 4-8/9-13	108X74mm	1/1/1/2	4	0,5 kg	1,0 kg	105	8004386957103

8000 - E

CODE: **95800**

OPTICAL CLASS 1/1/1/1

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

TRUE COLOR

LCD DISPLAY

TIG RATING 2A - 350A

1 AMBIENT LIGHT SENSOR







SHADE VARIABLE **DIN 4-8/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
8000-E	0.04-2.0s	<1/25000s	DIN 4-8/9-13	116X81mm	1/1/1/1	4	0,6 kg	1,0 kg	105	8004386958001

9000 - E VISION

CODE: **95850**

OPTICAL CLASS 1/1/1/1

UV/IR PROTECTION

4 ARC SENSORS

SOLAR POWER

TRUE COLOR

LCD DISPLAY

TIG RATING 2A - 350A

1 AMBIENT LIGHT SENSOR







SHADE VARIABLE **DIN 4-8/9-13**

SENSITIVITY & DELAY TIME ADJUSTABLE

GRINDING MODE



TECHNICAL SPECIFICATIONS

MODEL					OPTICAL CLASS	ARC SENSORS	PRODUCT WEIGHT	BOX WEIGHT	PCS PER EUROPALLET	BAR CODE
9000-E VISION	0.04-2.0s	<1/25000s	DIN 4-8/9-13	116X81mm	1/1/1/1	4	0,7 kg	1,0 kg	105	8004386958506

WELDING GLASSES / VETRINI SALDATURA

VERTEC

BULK			
CODE	90400	90402	90404
PCS	1	1	1
SIZE	50x105 mm	75x98 mm	90x110 mm
MASTERBOX	150 PCS	150 PCS	150 PCS

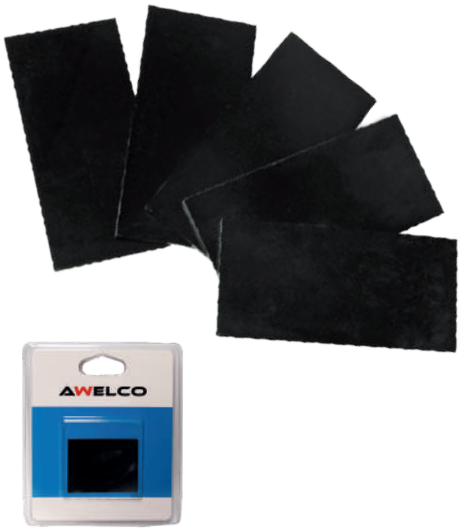
BLISTER			
CODE	90400/S	90402/S	90404/S
PCS	2	2	2
SIZE	50x105 mm	75x98 mm	90x110 mm
MASTERBOX	12 PCS	12 PCS	12 PCS



PROTECT

BULK							
CODE	90411	90413	90414	90415	90416	90424	90434
PCS	1	1	1	1	1	1	1
DIN	11	9	10	11	12	11	11
SIZE	50x105 mm	55X110 mm	55X110 mm	55X110 mm	55X110 mm	75X98 mm	90x110 mm
MASTERBOX	150 PCS	150 PCS	150 PCS	150 PCS	150 PCS	150 PCS	150 PCS

BLISTER			
CODE	90411/S	90424/S	90434/S
PCS	2	2	2
DIN	11	11	11
SIZE	50x105 mm	75X98 mm	90x110 mm
MASTERBOX	12 PCS	12 PCS	12 PCS



PROTECT

BLISTER	
CODE	90412/S
PCS	2
DIN	5
SIZE	Ø 50 mm
MASTERBOX	12 PCS



WELDING PROTECTION / ACCESSORI DI PROTEZIONE

WORK GLOVES

CODE	90329
PCS	1 COUPLE
MASTERBOX	25 PCS



WELDING GLOVES

CODE	90330
STANDARD	A1:2005
PCS	1 COUPLE
MASTERBOX	25 PCS



GLOVES' HEAT SHIELD

CODE	90211
PCS	1
MASTERBOX	25 PCS



LEATHER SLEEVES 40cm

CODE	90312
PCS	1 COUPLE
MASTERBOX	25 PCS



LEATHER SLEEVES STRIP 48cm

CODE	90313
PCS	1 COUPLE
MASTERBOX	25 PCS



LEATHER HOOD

CODE	90220	90221
SIZE	h 39 cm	h 44 cm
PCS	1	1
MASTERBOX	25 PCS	25 PCS



WELDING PROTECTION / ACCESSORI DI PROTEZIONE

DIY WELDING APRON

BAG HOOK	
CODE	90314
SIZE	600mm x 850mm
PCS	1
MASTERBOX	6 PCS

Class 2
A1+A2



PRO WELDING APRON

BOX	
CODE	90316
SIZE	600mm x 1000mm
PCS	1
MASTERBOX	5 PCS



WORKER APRON

BAG HOOK	
CODE	90318
PCS	1
MASTERBOX	2 PCS



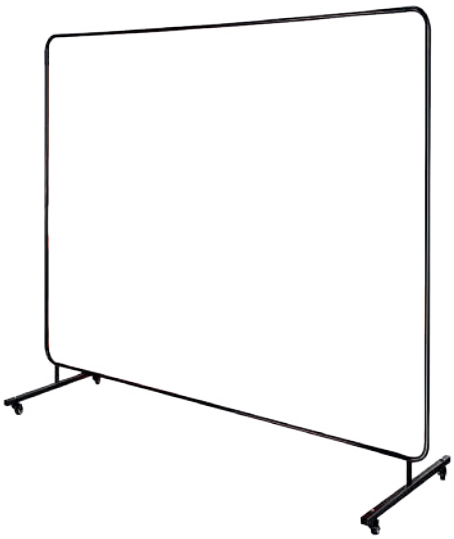
RED WELDING CURTAIN

BAG		
CODE	90251	90252
SIZE	174X174 cm	174x234 cm
PCS	1	1
MASTERBOX	1 PCS	1 PCS



ROUND TUBE FRAME FOR WELDING CURTAIN

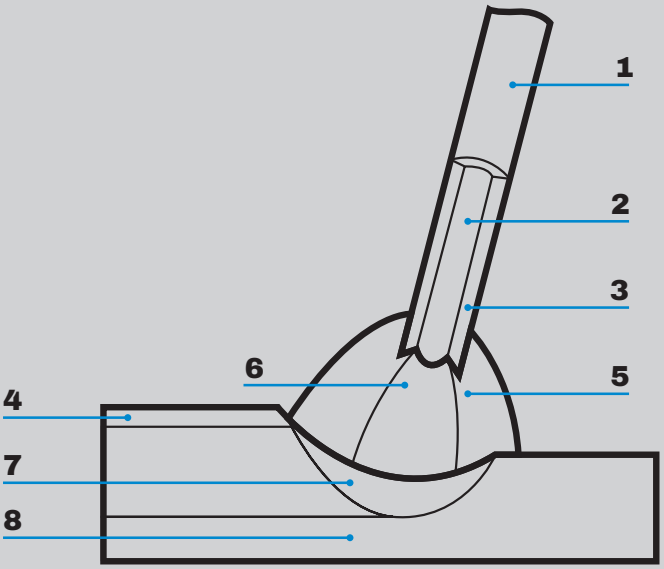
CODE	90253	90254
SIZE	174x174 cm	174x234 cm
PCS	1	1
MASTERBOX	1 PCS	1 PCS





MMA PROCESS

Coated electrode MMA (Manual Metal Arc) welding takes advantage of the heat generated by an arc that strikes between the electrode and the workpiece. It is probably the world's most widely used technology for manual metal arc welding. With this process all ferrous metals are commonly welded, namely iron , different types of steel , including stainless steel, and cast iron . With other metals, poor results are obtained; for some, electrode welding is impossible. The productivity of this procedure is limited: it is necessary to stop welding when the electrode is worn out and needs to be replaced, and slag must also be removed after every single pass.



IT/ 1. Elettrodo 2. Anima 3. Rivestimento 4. Scoria 5. Protezione gassosa 6. Arco di saldatura 7. Bagno di fusione 8. Materiale base

FR/ 1. Électrode 2. Âme 3. Revêtement 4. Scorie 5. Protection gazeuse 6. Arc de soudage 7. Bain de fusion 8. Materiau de base

EN/ 1. Electrode 2. Core 3. Coating 4. Slag 5. Gaseous protection 6. Welding arc 7. Melting pool 8. Base material

ES/ 1. Electrodo 2. Alma 3. Rivestimento 4. Escoria 5. Protección gassosa 6. Arco de soldadura 7. Baño de fusión 8. Material de base

DE/ 1. Elektrode 2. Kern 3. Umhüllung 4. Schlacke 5. Gasschutz 6. Schweissbogen 7. Schmelzbad 8. Grundstoff

PT/ 1. Elétrodo 2. Alma 3. Revestimento 4. Escória 5. Proteção gasosa 6. Arco de soldadura 7. Banho de fusão 8. Material de base

Ø ELECTRODE	WELDING CURRENT	ABSORBED POWER
2	60 Amp	1,5 kW
2,5	80 Amp	2,1 kW
3,25	115 Amp	3,2 kW
4	160 Amp	4,7 kW
5	200 Amp	6,3 kW

DUTY CYCLE

IT/ Il Duty Cycle è il numero di minuti in un intervallo di 10 minuti durante i quali una saldatrice può lavorare continuamente ad una data corrente. Il Duty Cycle relativo alla massima corrente dipende dalla temperatura alla quale viene misurato.

FR/ Le Cycle de travail correspond au nombre de minutes, dans un intervale de 10 minutes, durant lesquelles un poste de soudage peut fonctionner en continu à une certaine courant. Le Cycle de travail relatif au courant maximal dépend de la température à laquelle il est mesuré.

EN/ The Duty Cycle is the number of minutes within an interval of 10 minutes during which one welding machine can operate continuously at a given current. The Duty Cycle for the maximum current depends on the temperature at which it is measured.

ES/ El Duty Cycle es el número de minutos, en un intervalo de 10 minutos, durante los cuales una soldadora puede trabajar continuamente a una determinada corriente. El Duty Cycle relativo a la máxima corriente depende de la temperatura a la cual se mide.

DE/ Die Einschaltdauer sagt aus, wie viele Minuten eine Schweißmaschine in einem 10 Minuten langen Zeitraum mit einer bestimmten Stromstärke kontinuierlich arbeiten kann. Die Einschaltdauer für den Höchststrom hängt davon ab, bei welcher Temperatur gemessen wird.

PT/ O Ciclo de Trabalho é o número de minutos, num intervalo de 10 minutos, durante os quais um aparelho de soldar pode funcionar continuamente a uma determinada corrente. O Ciclo de Trabalho relativo à corrente máxima depende da temperatura à qual de mede.

ELECTRODE HOLDER / PINZA PORTA ELETTRODO

VULCAN V160

120 A
Cable: 10-16mm²
Max Electrodes: Ø2,5mm
120A (35%)
80A (60%)

MULTI HOLE PLATE	
CODE	88125
PCS	1
MASTERBOX	12 PCS



VULCAN V200

200 A
Cable: 10-25mm²
Max Electrodes: Ø3,25mm
200A (35%)
120A (60%)

MULTI HOLE PLATE	
CODE	88200
PCS	1
MASTERBOX	12 PCS



VULCAN V300

300 A
Cable: 16-35mm²
Max Electrodes: Ø4mm
300A (35%)
200A (60%)

BLISTER	
CODE	88300
PCS	1
MASTERBOX	12 PCS



VULCAN V400

400 A
Cable: 25-50mm²
Max Electrodes: Ø5mm
400A (35%)
300A (60%)

BLISTER	
CODE	88305
PCS	1
MASTERBOX	6 PCS



VULCAN V500

500 A
Cable: 35-70mm²
Max Electrodes: Ø8mm
500A (35%)
400A (60%)

BLISTER	
CODE	88500
PCS	1
MASTERBOX	6 PCS



ELECTRODES / ELETTRODI

ARK - EL - BAG HOOK RUTILE - E6013

CODE	90505	90506
PCS	10	10
Ø	2,0 mm	2,5 mm
LENGHT	300 mm	300 mm
MASTERBOX	6 PCS	6 PCS



ARK - EL - BAG RUTILE - E6013

CODE	90507	90508
PCS	25	50
Ø	2,5 mm	2,5 mm
LENGHT	300 mm	300 mm
MASTERBOX	6 PCS	6 PCS



ARK - EL - BLISTER RUTILE - E6013

CODE	90468	90470	90471	90490	90480	90481
PCS	25	25	25	15	50	50
Ø	1,6 mm	2,0 mm	2,5 mm	3,25 mm	2,0 mm	2,5 mm
LENGHT	300 mm	300 mm	300 mm	300 mm	300 mm	300 mm
MASTERBOX	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs



ARK - EL - BLISTER STAINLESS STEEL / INOX - E308

CODE	90492	90493
PCS	10	8
Ø	2,5 mm	3,25 mm
LENGHT	300 mm	350 mm
MASTERBOX	6 pcs	6 pcs



ARK - EL - BLISTER - CAST IRON / GHISA - A5.15 / ENiFe - CI

CODE	90494
PCS	12
Ø	2,5 mm
LENGHT	300 mm
MASTERBOX	2 pcs



Other sizes can be supplied on demand. / Altre misure possono essere fornite su richiesta.

ELECTRODES / ELETTRODI

ARK - EL TUBES HOOK RUTILE - E6013

CODE	90495	90496	90497	90498
PCS	50	30	20	10+10+10
Ø	2,0 mm	2,5 mm	3,25 mm	2,0+2,5+3,25 mm
LENGHT	300 mm	300 mm	300 mm	300 mm
MASTERBOX	8 pcs	8 pcs	8 pcs	8 pcs



ARK - EL PLASTIC TUBE RUTILE - E6013

CODE	90499
PCS	121
Ø	2,5 mm
LENGHT	300 mm
MASTERBOX	4 pcs



ARK - EL PLASTIC TUBE STAINLESS STEEL / INOX - E308

CODE	90500
PCS	110
Ø	2,5 mm
LENGHT	300 mm
MASTERBOX	4 pcs



ARK - EL PLASTIC TUBE STAINLESS STEEL / INOX - E316L

CODE	90502
PCS	110
Ø	2,5 mm
LENGHT	300 mm
MASTERBOX	4 pcs



ARK - EL CARTON PROF RUTILE - E6013

CODE	90731	90744	90745	90755	90790
PCS	402	202	303	202	50+50+30
Ø	2,0 mm	2,5 mm	2,5 mm	3,25 mm	2,0+2,5+3,25 mm
LENGHT	300 mm	300 mm	300 mm	300 mm	300 mm
MASTERBOX	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs



DRY RODS

FORNETTO PER ELETTRODI	
CODE	92478
ELECTRODE CAPACITY	5 kg
INPUT VOLTAGE	AC 220V DC 110V
MAX TEMPERATURE	50-150° C
ELECTRODE LENGHT	450 mm



Other sizes can be supplied on demand. / Altre misure possono essere fornite su richiesta.

MMA KIT / KIT MMA

MMA KIT 200

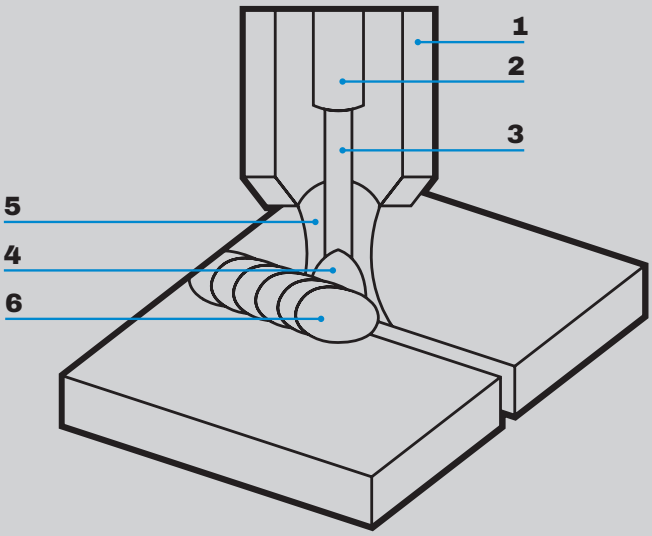
CARTON BAG	
CODE	98062
PCS	WELDING MASK (x1) HAMMER BRUSH (x1) ELECTRODE HOLDER 200Amp (x1) EARTH CLAMP 300Amp (x1) WELDING CABLE 3m - Ø16mm² (x2) CONNECTOR 10-25

MMA KIT 300

CARTON BAG	
CODE	98063
PCS	WELDING MASK (x1) HAMMER BRUSH (x1) ELECTRODE HOLDER 300Amp (x1) EARTH CLAMP 300Amp (x1) WELDING CABLE 5m - Ø25mm² (x2) CONNECTOR 35-50



MIG - MAG PROCESS



IT/ 1. Ugello 2. Punta guidafilo 3. Filo-elettrodo 4. Arco di saldatura 5. Protezione gassosa 6.Bagno di fusione

FR/ 1. Bec 2. Tube contact 3. Fil-électrode 4. Arc de soudage 5. Protection gazeuse 6. Bain de fusion

EN/ 1. Nozzle 2. Contact tip 3. Wire-electrode 4. Welding arc 5. Gaseous protection 6. Melting pool

ES/ 1. Inyector 2. Tubito de contacto 3. Hilo-electrodo 4. Arco de soldadura 5. Protección gassosa 6. Baño de fusión

DE/ 1. Düse 2. Kontaktröhrchen 3. Draht-elektrode 4. Schweissbogen 5. Gasschutz 6.Schmelzbad

PT/ 1. Injetor 2. Tubo de contacto 3. Fio-elétrodo 4. Arco de soldadura 5. Proteção gasosa 6. Banho de fusão

WELDING GAS

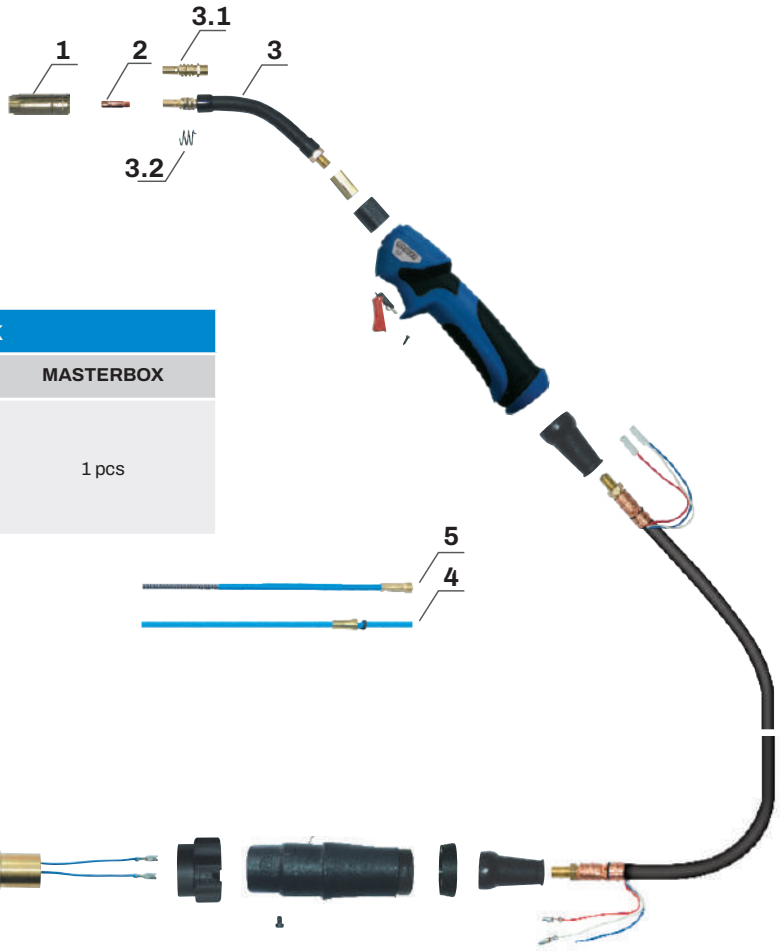
MATERIAL			MODE	CO_2	$ArCO_2$ (80/20)	AR	$ArCO_2$ (82/18)	$ArCO_2$ (92/8)	$ArCO_2$ (98/2)	$ArCO_2$ (98/2)
EN/ Steel	FR/ Acier	DE/ Stahl	Short/Spray Arc	✔	✔		✔			
IT/ Acciaio	ES/ Acero	PT/ Aço	Pulse Arc		✔		✔	✔		
EN/ Stainless steel	FR/ Acier inox	DE/ Edelstahl	Short/Spray Arc		✔		✔	✔		
IT/ Acciaio inox	ES/ Acero inoxidable	PT/ Aço inox	Pulse Arc					✔	✔	✔
EN/ Aluminium	FR/ Aluminium	DE/ Aluminium	Short/Spray Arc Pulse Arc			✔				
IT/ Alluminio	ES/ Aluminio	PT/ Alumínio	Short/Spray Arc			✔				
EN/ Brass/Bronze	FR/ Laiton/Bronze	DE/ Messing/Bronze	Short/Spray Arc Pulse Arc			✔				
IT/ Ottone/bronzo	ES/ latón/bronce	PT/ Latão/Bronze								
EN/ Brazing	FR/ Brasage	DE/ Mig-löten								
IT/ Brasatura	ES/ Cobresoldadura	PT/ Brasagem								

TORCH AWT 15

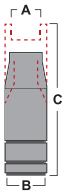
CODE: 91015 - 91016 - 91018

EN60974-7





COMPLETE TORCH AWT 15 EURO ATTACK			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
91015	MIG TORCH AWT 15 - 3mt	Duty 60%: 180A - CO_2 Duty 60%: 150A - MIX Wire/Filo: 0,6-1,0 mm	1 pcs
91016	MIG TORCH AWT 15 - 4mt		
91018	MIG TORCH AWT 15 - 5mt		



1	A	B ⌀	B ◯	C
CONICAL SMALL	Ø 10mm	Ø 12mm	Ø 18mm	54 mm
CONICAL LARGE	Ø 14mm	Ø 12mm	Ø 18mm	54 mm
CYLINDRICAL	Ø 18mm	Ø 12mm	Ø 18mm	54 mm
SPOT	Ø 19mm	Ø 12mm	Ø 19mm	62.5 mm



2	D	E	F
CONTACT TIP	M6	Ø 0,6-0,8 - 1,0mm	25mm

POSITION	COD	DESCRIPTION	PCS
1	91515	Gas Nozzle/Ugello Gas AWT15 - Conical Small	x10
	91508	Gas Nozzle/Ugello Gas AWT15 - Conical Large	x10
	91520	Gas Nozzle/Ugello Gas AWT15 - Cylindrical	x10
	91510/S	Gas Nozzle/Ugello Gas AWT15 - Conical Large	Blister x2
	91515/S	Gas Nozzle/Ugello Gas AWT15 - Conical Small	Blister x2
	91520/S	Gas Nozzle/Ugello Gas AWT15 - Cylindrical	Blister x2
	91110/S	Gas Nozzle/Ugello Gas AWT15 - Spot	Blister x2
2	91200	Contact Tip/Punta di contatto M6x25 - Ø0,6	Blister x5
	91210	Contact Tip/Punta di contatto M6x25 - Ø0,8	Blister x5
	91220	Contact Tip/Punta di contatto M6x25 - Ø1,0	Blister x5
	91205	Contact Tip/Punta di contatto M6x25 - Ø0,6	x50
	91212	Contact Tip/Punta di contatto M6x25 - Ø0,8	x50
	91225	Contact Tip/Punta di contatto M6x25 - Ø1,0	x50
	91240	Contact Tip Alu/Punta di contatto Alluminio M6x25 - Ø0,8	Blister x5
	91250/S	Contact Tip Alu/Punta di contatto Alluminio M6x25 - Ø1,0	Blister x5
	91242	Contact Tip Alu/Punta di contatto Alluminio M6x25 - Ø0,8	x50
	91250	Contact Tip Alu/Punta di contatto Alluminio M6x25 - Ø1,0	x50

POSITION	COD	DESCRIPTION	PCS
3	91130	Torch head/Collo di cigno	x1
3.1	91801	Diffuser/Diffusore	x5
3.2	92300	Spring/Molla	x5
4	92010	Teflon liner/Guaina in Teflon Ø4.0 x 1.5mm 3m	x1
5	92000	Blu liner/Guaina blu Ø0.6-1.0 x 3m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



Blister x2

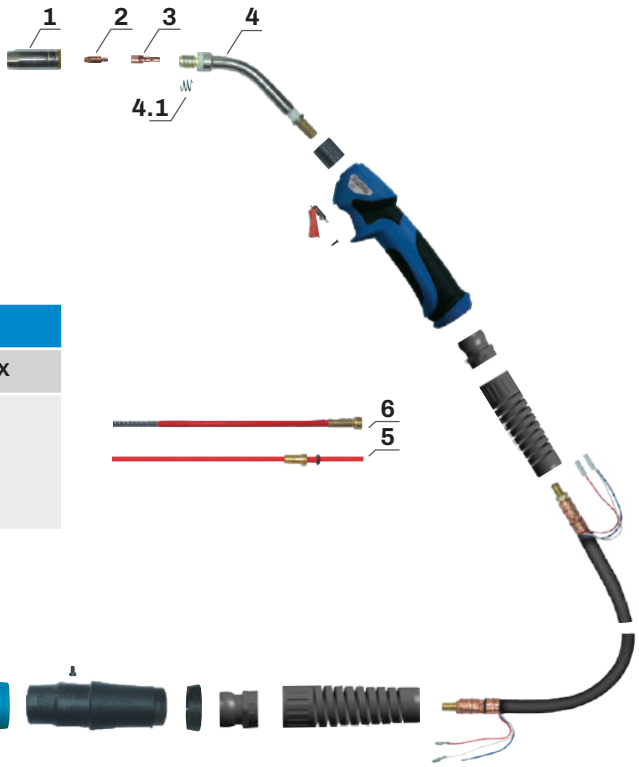
Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TORCH AWT 25

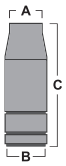
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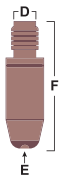




COMPLETE TORCH AWT 25 EURO ATTACK			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
91020	MIG TORCH AWT 25 - 3mt	DUTY 60%: 230A - CO_2 DUTY 60%: 200A - MIX WIRE/FILO: 0,8-1,2 mm	1 pcs
91021	MIG TORCH AWT 25 - 4mt		
91022	MIG TORCH AWT 25 - 5mt		



1	A	B ⓘ	B ◯	C
CONICAL SMALL	Ø 10mm	Ø 15mm	Ø 22mm	58 mm
CONICAL LARGE	Ø 14mm	Ø 15mm	Ø 22mm	58 mm
CYLINDRICAL	Ø 22mm	Ø 15mm	Ø 22mm	58 mm



2	D	E	F
CONTACT TIP	M6	Ø 0,6-0,8-1,0-1,2mm	28mm



POSITION	COD	DESCRIPTION	PCS
1	91545	Gas Nozzle/Ugello Gas AWT25 - Conical Small	x10
	91530	Gas Nozzle/Ugello Gas AWT25 - Conical Large	x10
	91550	Gas Nozzle/Ugello Gas AWT25 - Cylindrical	x10
	91545/S	Gas Nozzle/Ugello Gas AWT25 - Conical Small	Blister x2
	91530/S	Gas Nozzle/Ugello Gas AWT25 - Conical Large	Blister x2
	91550/S	Gas Nozzle/Ugello Gas AWT25 - Cylindrical	Blister x2
2	91259/S	Contact Tip/Punta di contatto M6x28 - Ø0,6	Blister x5
	91260/S	Contact Tip/Punta di contatto M6x28 - Ø0,8	Blister x5
	91270/S	Contact Tip/Punta di contatto M6x28 - Ø1,0	Blister x5
	91280/S	Contact Tip/Punta di contatto M6x28 - Ø1,2	Blister x5
	91286/S	Contact Tip/Punta di contatto M6x28 - Ø1,4	Blister x5
	91259	Contact Tip/Punta di contatto M6x28 - Ø0,6	x50
	91260	Contact Tip/Punta di contatto M6x28 - Ø0,8	x50
	91270	Contact Tip/Punta di contatto M6x28 - Ø1,0	x50
	91280	Contact Tip/Punta di contatto M6x28 - Ø1,2	x50
	91286	Contact Tip/Punta di contatto M6x28 - Ø1,4	x50
	91300/S	Contact Tip Alu/Punta di contatto Alluminio M6x28 - Ø0,8	Blister x5
	91310/S	Contact Tip Alu/Punta di contatto Alluminio M6x28 - Ø1,0	Blister x5
	91320/S	Contact Tip Alu /Punta di contatto alluminio M6x28 - Ø1,2	Blister x5
	91300	Contact Tip Alu /Punta di contatto alluminio M6x28 - Ø0,8	x50
	91310	Contact Tip Alu /Punta di contatto alluminio M6x28 - Ø1,0	x50
	91320	Contact Tip Alu /Punta di contatto alluminio M6x28 - Ø1,2	x50

POSITION	COD	DESCRIPTION	PCS
3	91810	Diffuser/Diffusore	x5
4	91135	Torch head/Collo di cigno	x1
4.1	92300	Spring/Molla	x1
5	92013	Teflon liner/Guaina in Teflon Ø4.0 x 1.5mm 3m	x1
	92014	Teflon liner Red/Guaina in Teflon Rossa Ø2.0X4.0mm 4m	x1
	92015	Teflon liner Red/Guaina in Teflon Rossa Ø2.0X4.0mm 5m	x1
6	92003	Red liner/Guaina Rossa Ø1.0-1.2mm 3m	x1
	92004	Red liner/Guaina Rossa Ø1.0-1.2mm 4m	x1
	92005	Red liner/Guaina Rossa Ø1.0-1.2mm 5m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



Blister x2

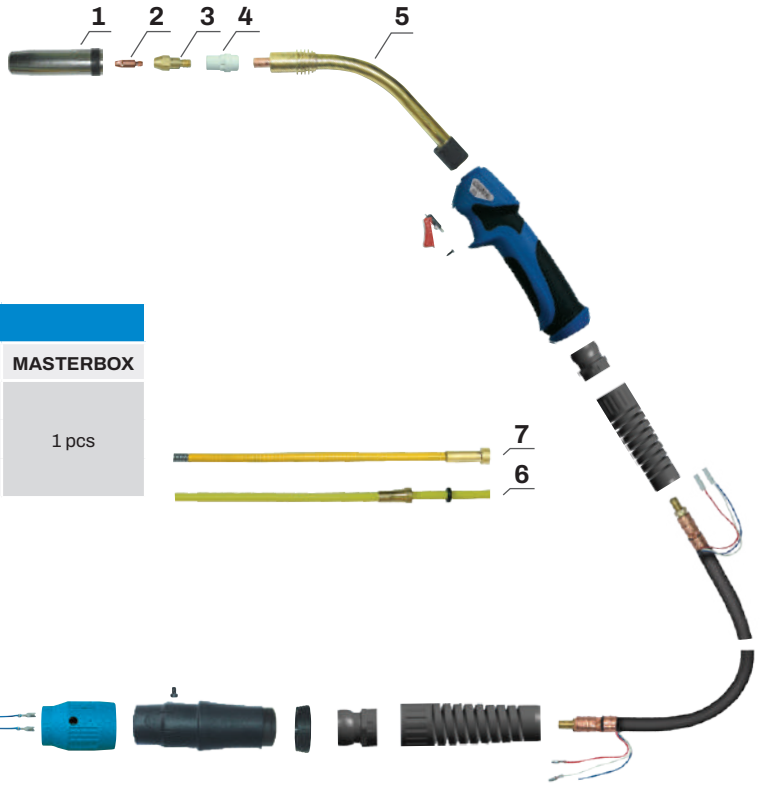
Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TORCH AWT 36

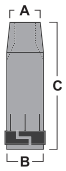
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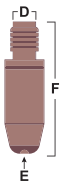




COMPLETE TORCH AWT 36 EURO ATTACK			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
91035	MIG TORCH AWT 36 - 3mt	DUTY 60%: 340A - CO_2 DUTY 60%: 300A - MIX WIRE/FILO: 0,8-1,6 mm	1 pcs
91036	MIG TORCH AWT 36 - 4mt		
91038	MIG TORCH AWT 36 - 5mt		



1	A	B ⓘ	B ◯	C
CONICAL SMALL	Ø 11mm	Ø 20mm	Ø 24mm	85 mm
CONICAL LARGE	Ø 16mm	Ø 20mm	Ø 24mm	85 mm
CYLINDRICAL	Ø 24mm	Ø 20mm	Ø 24mm	85 mm



2	D	E	F
CONTACT TIP	M6	Ø 0,6-0,8-1,0-1,2-1,6mm	28mm

POSITION	COD	DESCRIPTION	PCS
1	91570	Gas Nozzle/Ugello Gas AWT36 - Conical Small	x10
	91560	Gas Nozzle/Ugello Gas AWT36 - Conical Large	x10
	91580	Gas Nozzle/Ugello Gas AWT36 - Cylindrical	x10
	91570/S	Gas Nozzle/Ugello Gas AWT36 - Conical Small	Blister x2
	91560/S	Gas Nozzle/Ugello Gas AWT36 - Conical Large	Blister x2
	91580/S	Gas Nozzle/Ugello Gas AWT36 - Cylindrical	Blister x2
2	91340/S	Contact Tip/Punta di contatto M8x30 - Ø0,8	Blister x5
	91350/S	Contact Tip /Punta di contatto M8x30 - Ø1,0	Blister x5
	91360/S	Contact Tip/Punta di contatto M8x30 - Ø1,2	Blister x5
	91365/S	Contact Tip/Punta di contatto M8x30 - Ø1,4	Blister x5
	91370/S	Contact Tip/Punta di contatto M8x30 - Ø1,6	Blister x5
	91340	Contact Tip/Punta di contatto M8x30 - Ø0,8	x50
	91350	Contact Tip /Punta di contatto M8x30 - Ø1,0	x50
	91360	Contact Tip/Punta di contatto M8x30 - Ø1,2	x50
	91365	Contact Tip/Punta di contatto M8x30 - Ø1,4	x50
	91370	Contact Tip/Punta di contatto M8x30 - Ø1,6	x50
	91400/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	Blister x5
	91410/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	Blister x5
	91415/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	Blister x5
	91420/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	Blister x5
	91400	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	x50
	91410	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	x50
	91415	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	x50
	91420	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	x50

POSITION	COD	DESCRIPTION	PCS
3	91918	Contact tip holder/Porta punta di contatto M8x30	x1
4	91826	Ceramic gas diffuser/Diffusore gas ceramico	x5
5	91145	Torch head 36/Collo di cigno 36	x1
6	92020	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 3m	x1
	92021	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 4m	x1
	92022	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 5m	x1
7	92006	Yellow liner/Guaina gialla Ø1.2-1.6 x 3m	x1
	92007	Yellow liner/Guaina gialla Ø1.2-1.6 x 4m	x1
	92008	Yellow liner/Guaina gialla Ø1.2-1.6 x 5m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



Blister x2

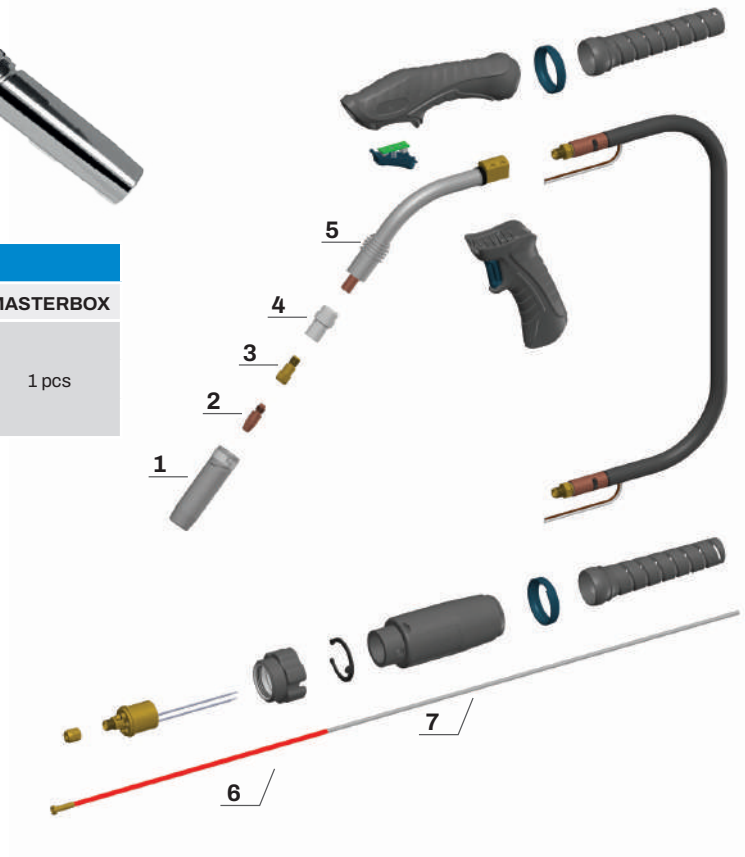
Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TORCH AWM-36 A

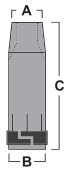
CODE: 91041-91042-91043

EN60974-7





COMPLETE TORCH AWM-36 A EURO ATTACK			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
91041	TORCH AWM-36 A - 3mt	DUTY 60%: 330A - CO_2 DUTY 60%: 300A - MIX WIRE/FILO: 0,6-1,6 mm	1 pcs
91042	TORCH AWM-36 A - 4mt		
91043	TORCH AWM-36 A - 5mt		



1	A	B	B	C
CONICAL SMALL	Ø 11mm	Ø 20mm	Ø 24mm	85 mm
CONICAL LARGE	Ø 16mm	Ø 20mm	Ø 24mm	85 mm
CYLINDRICAL	Ø 24mm	Ø 20mm	Ø 24mm	85 mm



2	D	E	F
CONTACT TIP	M6	Ø 0,6-0,8-1,0-1,2-1,6mm	28mm

POSITION	COD	DESCRIPTION	PCS
1	91570	Gas Nozzle/Ugello Gas AWT36 - Conical Small	x10
	91560	Gas Nozzle/Ugello Gas AWT36 - Conical Large	x10
	91580	Gas Nozzle/Ugello Gas AWT36 - Cylindrical	x10
	91570/S	Gas Nozzle/Ugello Gas AWT36 - Conical Small	Blister x2
	91560/S	Gas Nozzle/Ugello Gas AWT36 - Conical Large	Blister x2
	91580/S	Gas Nozzle/Ugello Gas AWT36 - Cylindrical	Blister x2
2	91340/S	Contact Tip/Punta di contatto M8x30 - Ø0,8	Blister x5
	91350/S	Contact Tip /Punta di contatto M8x30 - Ø1,0	Blister x5
	91360/S	Contact Tip/Punta di contatto M8x30 - Ø1,2	Blister x5
	91365/S	Contact Tip/Punta di contatto M8x30 - Ø1,4	Blister x5
	91370/S	Contact Tip/Punta di contatto M8x30 - Ø1,6	Blister x5
	91340	Contact Tip/Punta di contatto M8x30 - Ø0,8	x50
	91350	Contact Tip /Punta di contatto M8x30 - Ø1,0	x50
	91360	Contact Tip/Punta di contatto M8x30 - Ø1,2	x50
	91365	Contact Tip/Punta di contatto M8x30 - Ø1,4	x50
	91370	Contact Tip/Punta di contatto M8x30 - Ø1,6	x50
	91400/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	Blister x5
	91410/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	Blister x5
	91415/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	Blister x5
	91420/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	Blister x5
	91400	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	x50
	91410	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	x50
	91415	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	x50
	91420	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	x50

POSITION	COD	DESCRIPTION	PCS
3	91918	Contact tip holder/Porta punta di contatto M8x30	x1
4	91826	Ceramic gas diffuser/Diffusore gas ceramico	x5
5	91147	Torch head AWM-36 A / Collo di cigno AWM-36 A	x1
6	92020	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 3m	x1
	92021	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 4m	x1
	92022	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 5m	x1
7	92006	Yellow liner/Guaina gialla Ø1.2-1.6 x 3m	x1
	92007	Yellow liner/Guaina gialla Ø1.2-1.6 x 4m	x1
	92008	Yellow liner/Guaina gialla Ø1.2-1.6 x 5m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



Blister x2

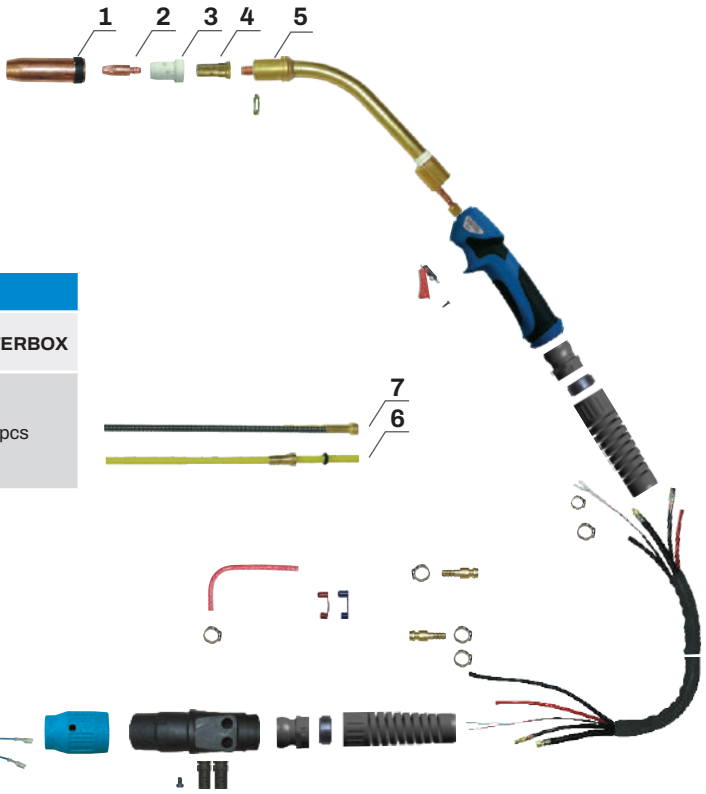
Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TORCH AWW 501S WATER

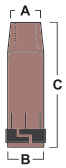
CODE: 91081 - 91082 - 91083

EN60974-7





COMPLETE TORCH AWW 501S EURO ATTACK			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
91081	MIG TORCH AWW 501S WATER - 3mt	DUTY 35%: 500A - CO_2 DUTY 35%: 450A - MIX WIRE/FILO: 1,0-1,6 mm	1 pcs
91082	MIG TORCH AWW 501S WATER - 4mt		
91083	MIG TORCH AWW 501S WATER - 5mt		



1	A	B ⌀	B ◯	C
CONICAL LARGE	Ø 16mm	Ø 20mm	Ø 24mm	76 mm



2	D	E	F
CONTACT TIP	M8	Ø 0,8-1,0-1,2-1,6mm	30mm



POSITION	COD	DESCRIPTION	PCS
1	91117	Gas Nozzle/Ugello Gas AWW501S - Conical Large	x10
2	91340/S	Contact Tip/Punta di contatto M8x30 - Ø0,8	Blister x5
	91350/S	Contact Tip /Punta di contatto M8x30 - Ø1,0	Blister x5
	91360/S	Contact Tip/Punta di contatto M8x30 - Ø1,2	Blister x5
	91365/S	Contact Tip/Punta di contatto M8x30 - Ø1,4	Blister x5
	91370/S	Contact Tip/Punta di contatto M8x30 - Ø1,6	Blister x5
	91340	Contact Tip/Punta di contatto M8x30 - Ø0,8	x50
	91350	Contact Tip /Punta di contatto M8x30 - Ø1,0	x50
	91360	Contact Tip/Punta di contatto M8x30 - Ø1,2	x50
	91365	Contact Tip/Punta di contatto M8x30 - Ø1,4	x50
	91370	Contact Tip/Punta di contatto M8x30 - Ø1,6	x50
	91400/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	Blister x5
	91410/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	Blister x5
	91415/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	Blister x5
	91420/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	Blister x5
	91400	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø0,8	x50
	91410	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	x50
	91415	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	x50
	91420	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,6	x50

POSITION	COD	DESCRIPTION	PCS
3	91830	White ceramic gas diffuser/ Diffusore gas ceramico bianco 501D	x1
4	91896	Contact tip holder/Porta punta di contatto M8x30	x1
5	91155	Torch head/Collo di cigno 501D	x1
6	92020	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 3m	x1
	92021	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 4m	x1
	92022	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 5m	x1
7	92006	Yellow liner/Guaina gialla Ø1.2-1.6 x 3m	x1
	92007	Yellow liner/Guaina gialla Ø1.2-1.6 x 4m	x1
	92008	Yellow liner/Guaina gialla Ø1.2-1.6 x 5m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



Blister x2

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TORCH AWM-500 W

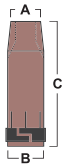
CODE: 91084-91085-91086

EN60974-7





COMPLETE TORCH AWM-500 W EURO ATTACK			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
91084	TORCH AWM-500 W - 3mt	DUTY 100%: 500A - CO_2 DUTY 100%: 450A - MIX WIRE/FILO: 1,0-1,6 mm	1 pcs
91085	TORCH AWM-500 W - 4mt		
91086	TORCH AWM-500 W - 5mt		



1	A	B ⓘ	B ◯↕	C
CONICAL LARGE	Ø 16mm	Ø 20mm	Ø 24mm	76 mm



2	D	E	F
CONTACT TIP	M8	Ø1,0-1,2-1,6mm	30mm

POSITION	COD	DESCRIPTION	PCS
1	91117	Gas Nozzle/Ugello Gas AWW501S - Conical Large	x10
	91350/S	Contact Tip /Punta di contatto M8x30 - Ø1,0	Blister x5
	91360/S	Contact Tip/Punta di contatto M8x30 - Ø1,2	Blister x5
	91365/S	Contact Tip/Punta di contatto M8x30 - Ø1,4	Blister x5
	91350	Contact Tip /Punta di contatto M8x30 - Ø1,0	x50
	91360	Contact Tip/Punta di contatto M8x30 - Ø1,2	x50
	91365	Contact Tip/Punta di contatto M8x30 - Ø1,4	x50
	91410/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	Blister x5
	91415/S	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	Blister x5
	91410	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,0	x50
	91415	Contact Tip Alu/Punta di contatto Alluminio M8x30 - Ø1,2	x50

POSITION	COD	DESCRIPTION	PCS
3	91830	White ceramic gas diffuser/ Diffusore gas ceramico bianco 501D	x1
4	91896	Contact tip holder/Porta punta di contatto M8x30	x1
5	91155	Torch head/Collo di cigno 501D	x1
6	92020	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 3m	x1
	92021	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 4m	x1
	92022	Teflon liner Yellow/Guaina in Teflon Giallo Ø3.0 x 4.5mm 5m	x1
7	92006	Yellow liner/Guaina gialla Ø1.2-1.6 x 3m	x1
	92007	Yellow liner/Guaina gialla Ø1.2-1.6 x 4m	x1
	92008	Yellow liner/Guaina gialla Ø1.2-1.6 x 5m	x1
	91121	Contact tip spanner/ Chiave per punta di contatto	x1



Blister x5



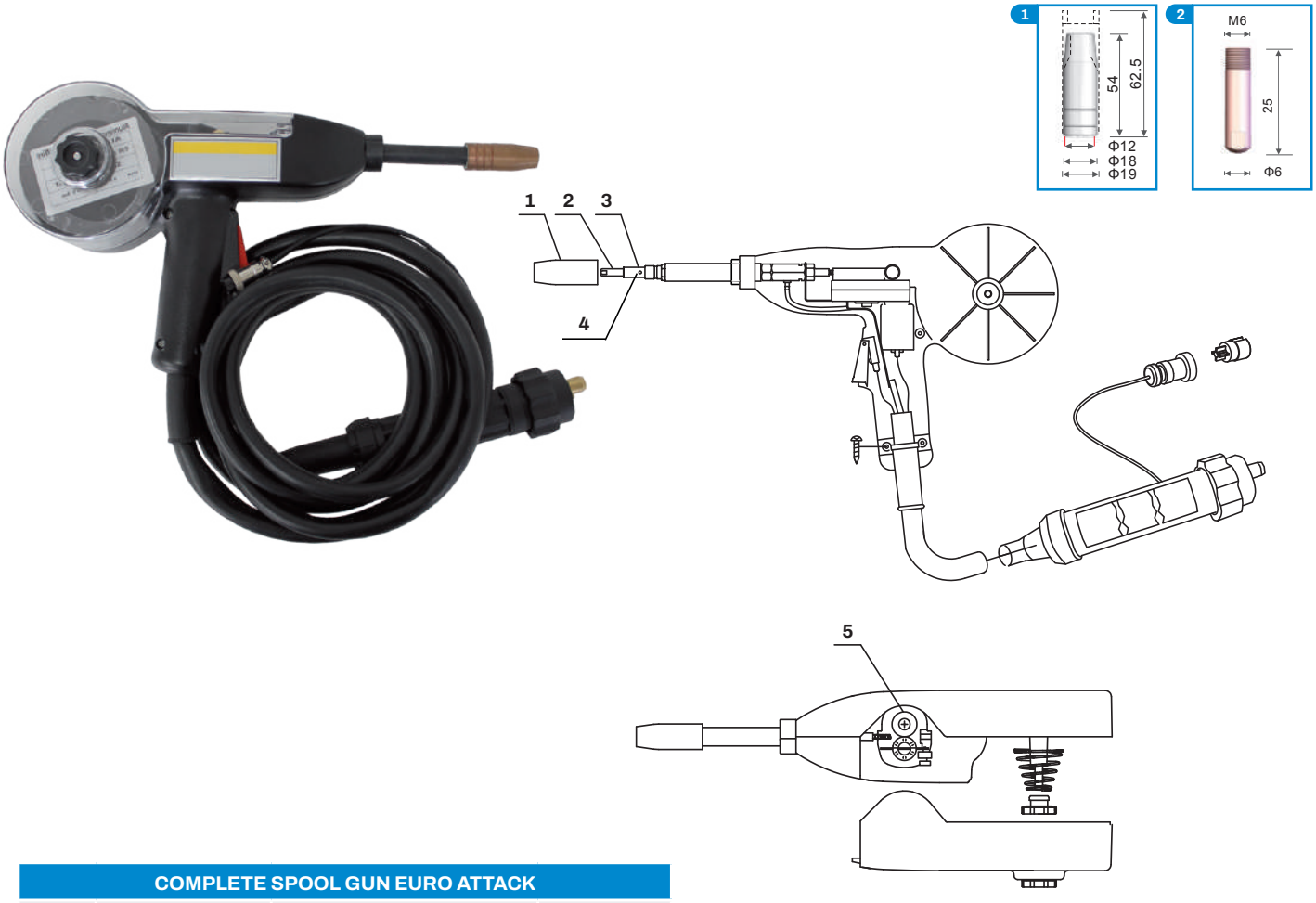
Blister x2

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

SPOOL GUN

CODE: **90101**

EN60974-7



COMPLETE SPOOL GUN EURO ATTACK			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
90101	SPOOL GUN	DUTY 35% DC: 130A WIRE/FILO: 0,8 mm OR 0,9 mm	1 pcs

POSITION	COD	DESCRIPTION	PCS
1	91515	Gas Nozzle/Ugello Gas AWT 15 - Conical Small	x10
	91515/S	Gas Nozzle/Ugello Gas AWT 15 - Conical Small	Blister x2
2	91210	Contact Tip/Punta di contatto M6x25 - Ø0,8	Blister x5
	91220	Contact Tip/Punta di contatto M6x25 - Ø1,0	Blister x5
	91212	Contact Tip/Punta di contatto M6x25 - Ø0,8	x50
	91225	Contact Tip/Punta di contatto M6x25 - Ø1,0	x50
3	92320	Diffuser/Diffusore	x5
4	92300	Spring/Molla	x5
5	92336	Rollers/Rullini M00035 - RULLINO V 0,8mm Ø20mm M00036 - RULLINO V 1,0mm Ø20mm M00037 - RULLINO U 0,8mm Ø20mm M00038 - RULLINO U 1,0mm Ø20mm	x1



Blister x5



Blister x2

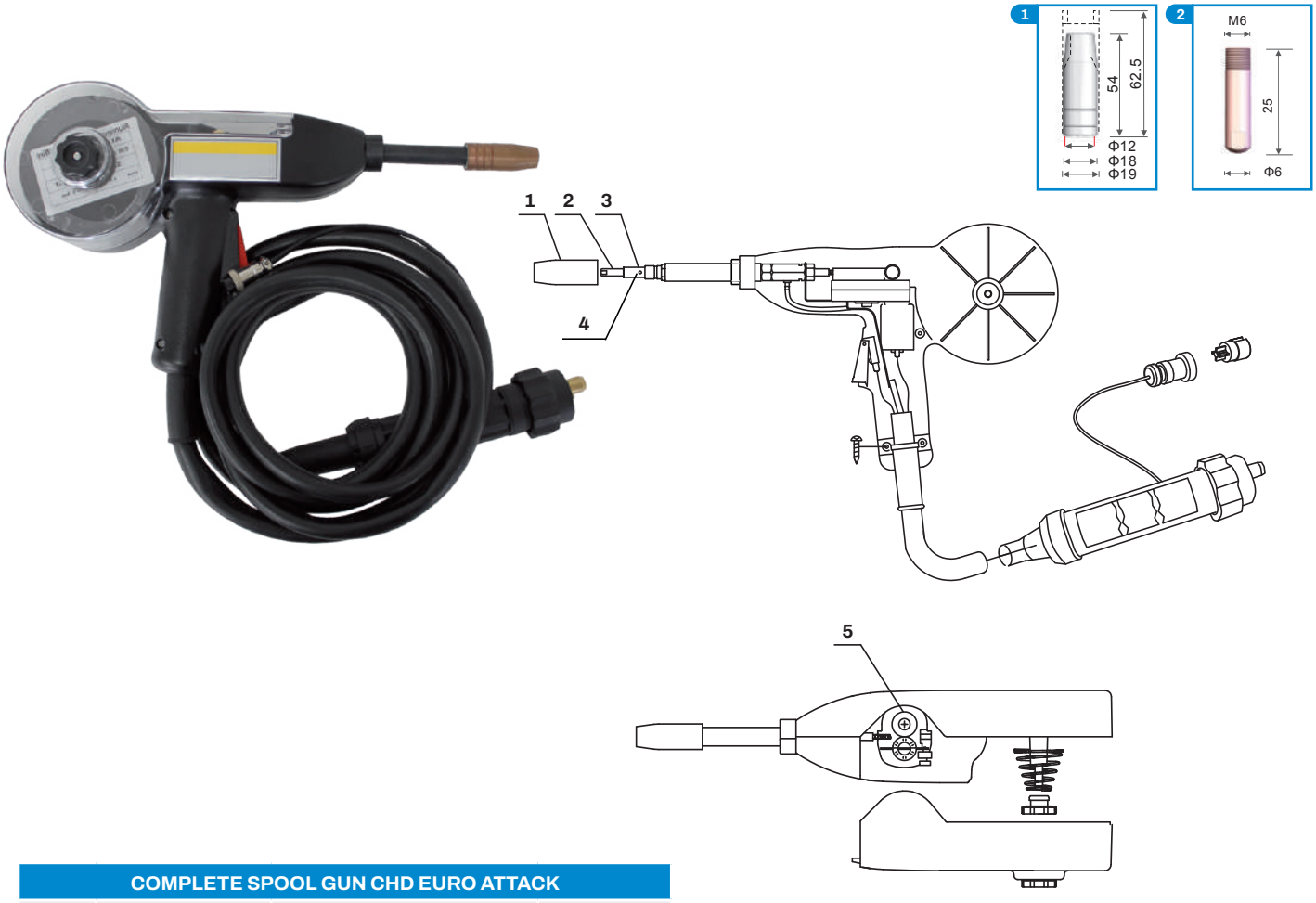
READY FOR
SMARTMIG 2200 SINERGY 250 MIG 350/352/500

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

SPOOL GUN CHD

CODE: **90103**

EN60974-7



COMPLETE SPOOL GUN CHD EURO ATTACK			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
90103	SPOOL GUN CHD	DUTY 35% DC: 130A WIRE/FILO: 0,8 mm OR 0,9 mm	1 pcs

POSITION	COD	DESCRIPTION	PCS
1	91515	Gas Nozzle/Ugello Gas AWT 15 - Conical Small	x10
	91515/S	Gas Nozzle/Ugello Gas AWT 15 - Conical Small	Blister x2
2	91210	Contact Tip/Punta di contatto M6x25 - Ø0,8	Blister x5
	91220	Contact Tip/Punta di contatto M6x25 - Ø1,0	Blister x5
	91212	Contact Tip/Punta di contatto M6x25 - Ø0,8	x50
	91225	Contact Tip/Punta di contatto M6x25 - Ø1,0	x50
3	92320	Diffuser/Diffusore	x5
4	92300	Spring/Molla	x5
5	92336	Rollers/Rullini M00035 - RULLINO V 0,8mm Ø20mm M00036 - RULLINO V 1,0mm Ø20mm M00037 - RULLINO U 0,8mm Ø20mm M00038 - RULLINO U 1,0mm Ø20mm	x1



Blister x5



Blister x2

READY FOR
GLOBAL 300

ACCESSORIES KIT / KIT ACCESSORI



EASYMIG SERIES ACCESSORIES KIT

CODE: 90189	
WIRE FEED ROLLER V 0.6-0.8	1 pcs
WIRE FEED ROLLER V 1.0-1.2	1 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,6	3 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 1,0	3 pcs

CODE: 90188	
FLUX	
WIRE FEED ROLLER K 0.8-0.9	1 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 0,9	3 pcs

*Compatible with Automig 130 / Mig One



MULTI MIKRO 160 ACCESSORIES KIT

CODE: 90185	
WIRE FEED ROLLER V 0.6-0.8	1 pcs
WIRE FEED ROLLER V 0.8-1.0	1 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,6	3 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 1,0	3 pcs

MULTI MIKRO 200 ACCESSORIES KIT

CODE: 90186	
WIRE FEED ROLLER V 0.6-0.8	1 pcs
WIRE FEED ROLLER V 1.0-1.2	1 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,6	3 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 1,0	3 pcs
CONTACT TIP M6x25 - Ø 1,2	3 pcs

MULTI MIKRO SERIES ACCESSORIES KIT

CODE: 90187	
FLUX	
WIRE FEED ROLLER K 0.8-0.9	1 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 0,9	3 pcs

*Compatible with Mastercraft N12090 / N12150



TRIS 250 ACCESSORIES KIT

CODE: 90180	
WIRE FEED ROLLER V 0.6-0.8	2 pcs
WIRE FEED ROLLER V 1-1.2	2 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,6	3 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 1,0	3 pcs
CONTACT TIP M6x25 - Ø 1,2	3 pcs

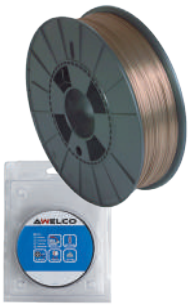
CODE: 90181	
FLUX	
WIRE FEED ROLLER K 0.8-0.9	2 pcs
GAS NOZZLE Conical Small	1 pcs
CONTACT TIP M6x25 - Ø 0,8	3 pcs
CONTACT TIP M6x25 - Ø 0,9	3 pcs

*Compatible with Kombi / Unimig series.

WELDING WIRE / FILO PER SALDATURA

STEEL 100mm

BLISTER						
CODE	92900	92903	92915	92916	92931	92933
PCS	1	1	1	1	1	1
Ø	0,6	0,6	0,8	0,8	0,8	1,0
KG	0,2	0,5	0,2	0,5	1,0	1,0
MASTERBOX	24 pcs	24 pcs	24 pcs	24 pcs	16 pcs	16 pcs



STAINLESS STEEL INOX 100 mm

BLISTER			
CODE	92940	92943	92959
PCS	1	1	1
Ø	0,8	0,8	0,8
KG	0,2	0,5	1,0
MASTERBOX	24 pcs	24 pcs	16 pcs



FLUX / FILO NO GAS 100 mm

BLISTER						
CODE	92950	92952	92953	92954	92960	92967
PCS	1	1	1	1	1	1
Ø	0,9	0,8	0,8	0,8	0,9	0,9
KG	0,2	0,2	0,5	1,0	0,5	1,0
MASTERBOX	24 pcs	24 pcs	24 pcs	16 pcs	24 pcs	16 pcs



ALU 100 mm

BLISTER		
CODE	92945	92948
PCS	1	1
Ø	0,8	0,8
KG	0,2	0,45
MASTERBOX	24 pcs	24 pcs



STEEL 200 mm



BOX			
CODE	92905	92920	92932
PCS	1	1	1
Ø	0,6	0,8	1,0
KG	5	5	5
MASTERBOX	4 pcs	4 pcs	4 pcs

STAINLESS STEEL / INOX 200 mm



BOX		
CODE	92941	92944
PCS	1	1
Ø	0,8	1,0
KG	5	5
MASTERBOX	4 pcs	4 pcs

ALU 200 mm



BOX		
CODE	92946	92949
PCS	1	1
Ø	0,8	1,0
KG	2	2
MASTERBOX	5 pcs	5 pcs

FLUX / FILO NO GAS 200 mm



BOX			
CODE	92969	92970	92980
PCS	1	1	1
Ø	0,8	0,9	1,0
KG	4,5	4,5	4,5
MASTERBOX	4 pcs	4 pcs	4 pcs

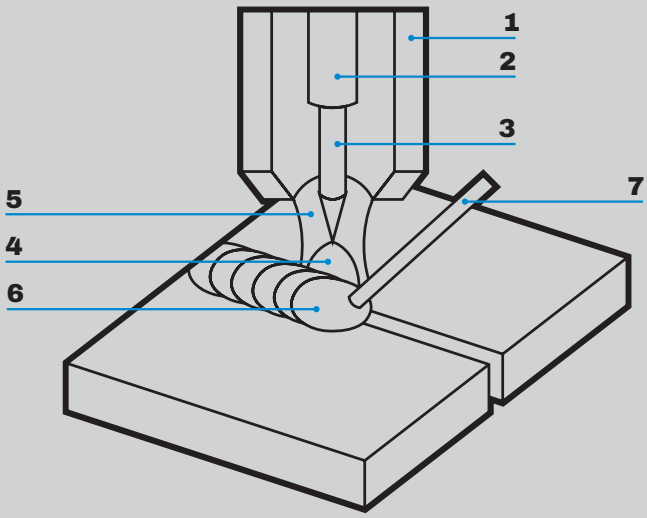
STEEL 300 mm



BOX				
CODE	92991	92992	92993	92994
PCS	1	1	1	1
Ø	0,6	0,8	1,0	1,2
KG	15	15	15	15
MASTERBOX	1 pcs	1 pcs	1 pcs	1 pcs

Other sizes can be supplied on demand. / Altre misure possono essere fornite su richiesta.

TIG PROCESS



IT/ 1. Ugello 2. Pinza portaelettrodo 3. Elettrodo infusibile 4. Arco di saldatura 5. Protezione gassosa 6. Bagno di fusione 7. Bacchetta di apporto

FR/ 1. Bec 2. Pince porte-électrode 3. Électrode infusible 4. Arc de soudage 5. Protection gazeuse 6. Bain de fusion 7. Tige de remplissage

EN/ 1. Nozzle 2. Electrode holder clamp 3. Infusible-electrode 4. Welding arc 5. Gaseous protection 6. Melting pool 7. Filler rod

ES/ 1. Inyector 2. Soplete porta electrodo 3. Electrodo infusibile 4. Arco de soldadura 5. Protección gassosa 6. Baño de fusión 7. Barra rellenadora

DE/ 1. Düse 2. Elektrodenhalter 3. Abschmelzende Elektrode 4. Schweissbogen 5. Gasschutz 6. Schmelzbad 7. Füllstab

PT/ 1. Bico 2. Pinça porta-elétrodo 3. Elétrodo infusível 4. Arco de soldadura 5. Proteção gasosa 6. Banho de fusão 7. Vareta de enchimento

TIG START

SCRATCH START

IT/ L'innesco avviene con lo sfregamento dell'elettrodo di tungsteno sul pezzo da saldare. Sono presenti ad inizio cordone delle inclusioni di tungsteno.

FR/ L'amorçage s'effectue par frottement de l'électrode de tungstène sur la pièce à souder. Ils sont présent au début cordon des inclusions de tungstène.

EN/ The arc striking is reached thanks to the rubbing of the tungsten electrode to the piece to be welded. Some tungsten inclusions are present at the beginning of the seam.

ES/ El cebado ocurre con el refregamiento del electrodo de tungsteno sobre el material da soldar. Están presentes a principio cordón de las inclusiones de tungsteno.

DE/ Die Zündvorrichtung geschieht mit der Reibung von der Wolframelektrode auf das Werkstück. Am Anfang der Naht sind Wolframeinschlüsse anwesend.

PT/ O início do arco ocorre com a raspagem do elétrodo tungsténio no material a soldar. Algumas inclusões de tungsténio estão presentes no início do cordão.

LIFT START

IT/ Innesco dell'arco a contatto. Non inquina il bagno di saldatura e causa meno disturbi elettro-irradiati.

FR/ Amorçage de l'arc avec contact. Ne pollue pas le bain de soudage et cause mois de pertubations électroirradiées.

EN/ Arc striking by contact. It does not pollute the welding pool and causes less electro-irradiated disturbances.

ES/ Cebado del arco con contacto. No contamina el baño de soldadura y causa muchas menos molestias de irradiación eléctrica.

DE/ Kontaktzündung des Bogens. Es verunreinigt das Schmelzbad nicht und verursacht weniger Störungen durch elektrische Strahlungen.

PT/ Início do arco por contacto. Não polui o banho de soldadura e provoca menos transtornos de irradiação elétrica.

HF START

IT/ Innesco dell'arco senza contatto. Non si ha l'usura della punta dell'elettrodo. Offre una partenza facile in tutte le posizioni di saldatura.

FR/ Amorçage de l'arc sans contact. Il n'y pas d'usure de la pointe de l'électrode. Il offre un départ facile dans toutes les positions de soudage.

EN/ Arc striking without contact. The electrode tip does not wear out. It offers an easy start in all welding positions.

ES/ Cebado del arco sin contacto. No se produce el desgaste de la punta del electrodo. Ofrece una partida fácil en todas la posiciones de soldadura.

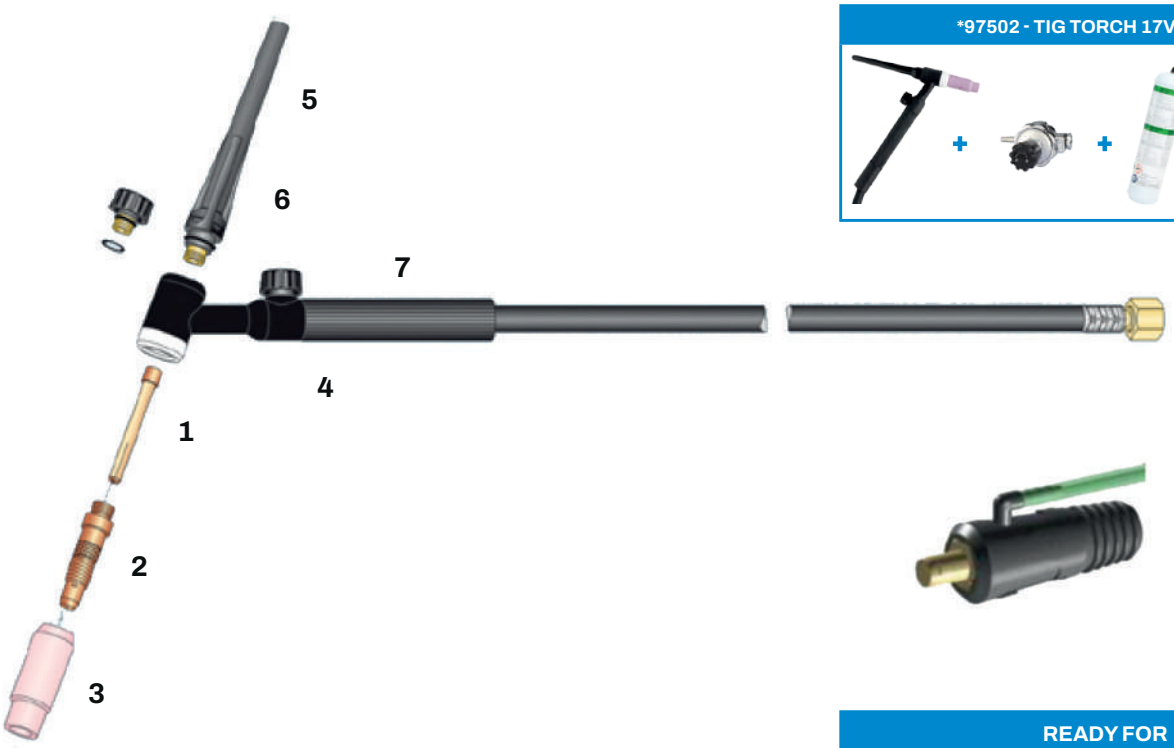
DE/ Zündung des Bogens ohne Kontakt. Die Elektrodenspitze wird nicht abgenutzt. Erleichtet das Zünden in sämtlichen Schweisslagen.

PT/ Início do arco sem contacto. Não existe desgaste da ponta do elétrodo. Proporciona um início fácil em todas as posições de soldadura.

TIG TORCH 17 V

CODE: 96000 - 96009 - *97502

EN60974-7



***97502 - TIG TORCH 17V MT4 KIT**



READY FOR

MIKROTIG 150 - 170 - 200
EASYMIG 130 - 160 - 180
MIKROMIG 1800 - 2000

POSITION	COD	DESCRIPTION	PCS
1	92352	Collet/Pinza serraelettrodo Ø0.5mm - 10N21	x3
	92353	Collet/Pinza serraelettrodo Ø1.0mm - 10N22	x3
	92354	Collet/Pinza serraelettrodo Ø1.6mm - 10N23	x3
2	92355	Collet body/Portapinza Ø0.5mm - 10N29	x3
	92356	Collet body/Portapinza Ø1.0mm - 10N30	x3
	92357	Collet body/Portapinza Ø1.6mm - 10N31	x3
3	92358	Allumina cup/Ugello ceramica Ø6mm - 10N50	x10
	92359	Allumina cup/Ugello ceramica Ø8mm - 10N49	x10
	92360	Allumina cup/Ugello ceramica Ø9,5mm - 10N48	x10
	92361	Allumina cop/Ugello ceramica Ø11mm - 10N47	x10
	92362	Allumina cup/Ugello ceramica Ø12,5mm - 10N46	x10
	92363	Allumina cup/Ugello ceramica Ø16mm - 10N45	x10
4	92364	Front insulator/Isolante frontale	x1
5	92365	Long back cap/Cappellotto lungo	x1
6	92366	Short back cap/Cappellotto corto	x1
7	92351	Valve/Rubinetto	x1

COMPLETE TIG TORCH 17 V

COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
96000	TIG TORCH 17V 4mt	Duty 35% DC: 140A Duty 35% AC: 125A Electrodes size: 0.5-2.4mm	1 pcs
96009	TIG TORCH 17V 4mt - D25 TO D35	Duty 35% DC: 140A Duty 35% AC: 125A Electrodes size: 0.5-2.4mm	1 pcs
*97502	TIG TORCH 17V 4mt KIT	Duty 35% DC: 140A Duty 35% AC: 125A Electrodes size: 0.5-2.4mm	1 pcs



CONNECTOR	
Connector adapter 25 to 35	Blister x1 cod. 90634









KIT	
Collet/Pinza serraelettrodo Ø0.5mm - 10N21 - 2 pcs Ø1.0mm - 10N22 - 2pcs Ø1.6mm - 10N23 - 1 pcs	Blister x5 cod. 91720
Collet body/Portapinza Ø0.5mm - 10N29 - 2 pcs Ø1.0mm - 10N30 - 2 pcs Ø1.6mm - 10N31 - 1 pcs	Blister x5 cod. 91721
Allumina cup/Ugello ceramica Ø6mm - 10N50 - 1 pcs Ø8mm - 10N49 - 1 pcs Ø9,5mm - 10N48 - 1 pcs	Blister x3 cod. 91722
Allumina cup/Ugello ceramica Ø11mm - 10N47 - 1 pcs Ø12,5mm - 10N46 - 1 pcs Ø16mm - 10N45 - 1 pcs	Blister x3 cod. 91723

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TIG TORCH HF 26

CODE: 96020 - *97522

EN60974-7



***97552 - TIG TORCH 26 MT4 KIT**



COMPLETE TIG TORCH HF 26			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
96020	TIG TORCH 26 4mt	Duty 35% DC: 180A Duty 35% AC: 150A Electrodes size: 0.5-3.2mm	1 pcs
*97522	TIG TORCH 26 mt 4 KIT		1 pcs

READY FOR
TIG 200 I HF-DC PULSE

POSITION	COD	DESCRIPTION	PCS
1	92352	Collet/Pinza serraelettrodo Ø0.5mm - 10N21	x3
	92353	Collet/Pinza serraelettrodo Ø1.0mm - 10N22	x3
	92354	Collet/Pinza serraelettrodo Ø1.6mm - 10N23	x3
	92372	Collet/Pinza serraelettrodo Ø2.4mm - 10N24	x3
	92373	Collet/Pinza serraelettrodo Ø3.2mm - 10N25	x3
2	92355	Collet body/Portapinza Ø0.5mm - 10N29	x3
	92356	Collet body/Portapinza Ø1.0mm - 10N30	x3
	92357	Collet body/Portapinza Ø1.6mm - 10N31	x3
	92374	Collet body/Portapinza Ø2.0mm - 10N31N	x3
	92375	Collet body/Portapinza Ø2.4mm - 10N32	x3
	92376	Collet body/Portapinza Ø3.2mm - 10N28	x3
3	92358	Allumina cup/Ugello ceramica Ø6mm - 10N50	x10
	92359	Allumina cup/Ugello ceramica Ø8mm - 10N49	x10
	92360	Allumina cup/Ugello ceramica Ø9,5mm - 10N48	x10
	92361	Allumina cop/Ugello ceramica Ø11mm - 10N47	x10
	92362	Allumina cup/Ugello ceramica Ø12,5mm - 10N46	x10
	92363	Allumina cup/Ugello ceramica Ø16mm - 10N45	x10
4	92364	Front insulator/Isolante frontale	x1
5	92365	Long back cap/Cappellotto lungo	x1
6	92366	Short back cap/Cappellotto corto	x1
7	92351	Valve/Rubinetto	x1

KIT	
Collet/Pinza serraelettrodo Ø0.5mm - 10N21 - 2 pcs Ø1.0mm - 10N22 - 2pcs Ø1.6mm - 10N23 - 1 pcs	Blister x5 cod. 91720
Collet body/Portapinza Ø0.5mm - 10N29 - 2 pcs Ø1.0mm - 10N30 - 2 pcs Ø1.6mm - 10N31 - 1 pcs	Blister x5 cod. 91721
Allumina cup/Ugello ceramica Ø6mm - 10N50 - 1 pcs Ø8mm - 10N49 - 1 pcs Ø9,5mm - 10N48 - 1 pcs	Blister x3 cod. 91722
Allumina cup/Ugello ceramica Ø11mm - 10N47 - 1 pcs Ø12,5mm - 10N46 - 1 pcs Ø16mm - 10N45 - 1 pcs	Blister x3 cod. 91723
Collet/Pinza serraelettrodo Ø2.0mm - 10N23M - 2 pcs Ø2.4mm - 10N24 - 2 pcs Ø3.2mm - 10N25 - 1 pcs	Blister x5 cod. 91724
Collet body/Portapinza Ø2.0mm - 10N31N - 2 pcs Ø2.4mm - 10N32 - 2 pcs Ø3.2mm - 10N28 - 1 pcs	Blister x5 cod. 91725

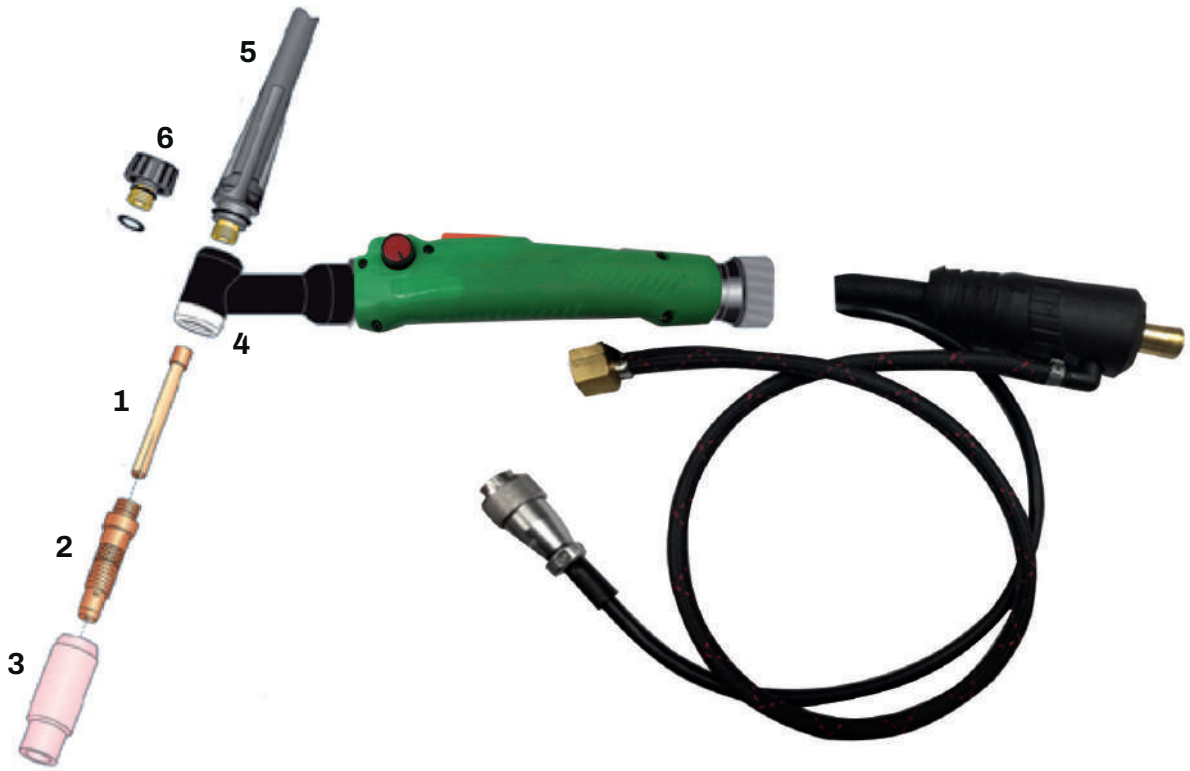
Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TIG TORCH HF 26 AC/DC

CODE: **96025**

EN60974-7

CURRENT REGOLATION ON HANDLE



COMPLETE TIG TORCH HF 26 AC/DC			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
96025	TIG TORCH HF 26 AC/DC - 4mt	Duty 35% DC: 180A Duty 35% AC: 150A Electrodes size: 0.5-3.2mm	1 pcs

READY FOR
TIG 210 AC/DC PFC TIG 200 AC/DC PULSE

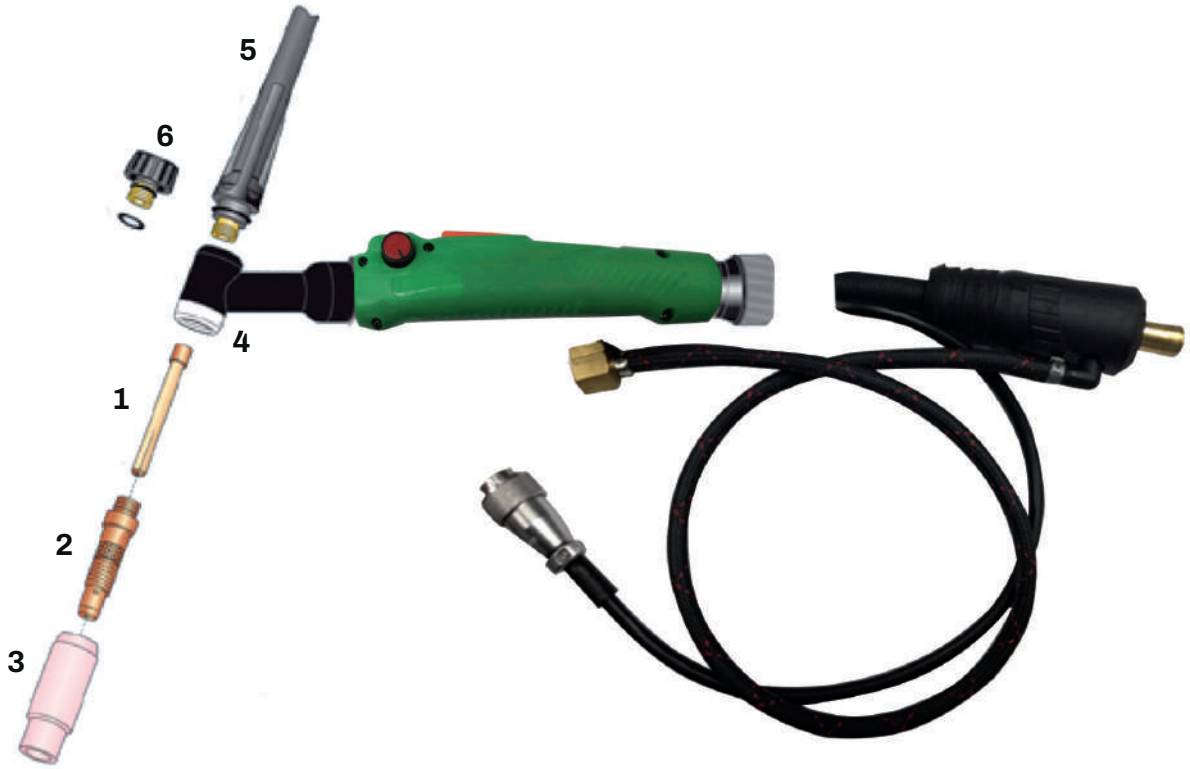
POSITION	COD	DESCRIPTION	PCS
1	92352	Collet/Pinza serraelettrodo Ø0.5mm - 10N21	x3
	92353	Collet/Pinza serraelettrodo Ø1.0mm - 10N22	x3
	92354	Collet/Pinza serraelettrodo Ø1.6mm - 10N23	x3
	92372	Collet/Pinza serraelettrodo Ø2.4mm - 10N24	x3
	92373	Collet/Pinza serraelettrodo Ø3.2mm - 10N25	x3
2	92355	Collet body/Portapinza Ø0.5mm - 10N29	x3
	92356	Collet body/Portapinza Ø1.0mm - 10N30	x3
	92357	Collet body/Portapinza Ø1.6mm - 10N31	x3
	92374	Collet body/Portapinza Ø2.0mm - 10N31N	x3
	92375	Collet body/Portapinza Ø2.4mm - 10N32	x3
	92376	Collet body/Portapinza Ø3.2mm - 10N28	x3
3	92358	Allumina cup/Ugello ceramica Ø6mm - 10N50	x10
	92359	Allumina cup/Ugello ceramica Ø8mm - 10N49	x10
	92360	Allumina cup/Ugello ceramica Ø9,5mm - 10N48	x10
	92361	Allumina cop/Ugello ceramica Ø11mm - 10N47	x10
	92362	Allumina cup/Ugello ceramica Ø12,5mm - 10N46	x10
	92363	Allumina cup/Ugello ceramica Ø16mm - 10N45	x10
4	92364	Front insulator/Isolante frontale	x1
5	92365	Long back cap/Cappellotto lungo	x1
6	92366	Short back cap/Cappellotto corto	x1

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TIG TORCH HF 26 AC/DC MT4 D35 CHD

CODE: 96027

EN60974-7



COMPLETE TIG TORCH HF 26 AC/DC			
COD	DESCRIPTION	TECHNICAL SPECIFICATION	MASTERBOX
96027	TIG TORCH HF 26 AC/DC MT4 D35 CHD	Duty 35% DC: 180A Duty 35% AC: 150A Electrodes size: 0.5-3.2mm	1 pcs

READY FOR
TIG 200 AC/DC PULSE GLOBAL 300

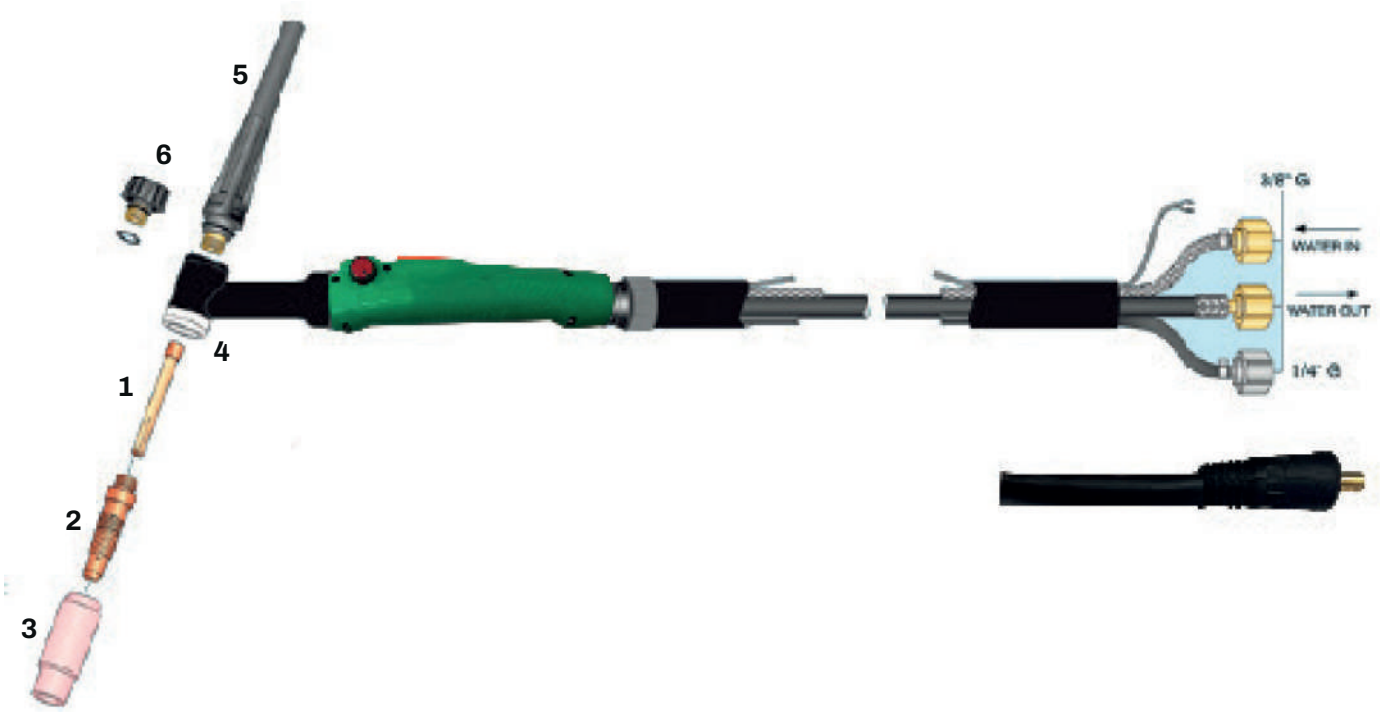
POSITION	COD	DESCRIPTION	PCS
1	92352	Collet/Pinza serraelettrodo Ø0.5mm - 10N21	x3
	92353	Collet/Pinza serraelettrodo Ø1.0mm - 10N22	x3
	92354	Collet/Pinza serraelettrodo Ø1.6mm - 10N23	x3
	92372	Collet/Pinza serraelettrodo Ø2.4mm - 10N24	x3
	92373	Collet/Pinza serraelettrodo Ø3.2mm - 10N25	x3
2	92355	Collet body/Portapinza Ø0.5mm - 10N29	x3
	92356	Collet body/Portapinza Ø1.0mm - 10N30	x3
	92357	Collet body/Portapinza Ø1.6mm - 10N31	x3
	92374	Collet body/Portapinza Ø2.0mm - 10N31N	x3
	92375	Collet body/Portapinza Ø2.4mm - 10N32	x3
	92376	Collet body/Portapinza Ø3.2mm - 10N28	x3
3	92358	Allumina cup/Ugello ceramica Ø6mm - 10N50	x10
	92359	Allumina cup/Ugello ceramica Ø8mm - 10N49	x10
	92360	Allumina cup/Ugello ceramica Ø9,5mm - 10N48	x10
	92361	Allumina cop/Ugello ceramica Ø11mm - 10N47	x10
	92362	Allumina cup/Ugello ceramica Ø12,5mm - 10N46	x10
	92363	Allumina cup/Ugello ceramica Ø16mm - 10N45	x10
4	92364	Front insulator/Isolante frontale	x1
5	92365	Long back cap/Cappellotto lungo	x1
6	92366	Short back cap/Cappellotto corto	x1

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

TIG TORCH HF 18 W

CODE: **96030**

EN60974-7



COMPLETE TIG TORCH HF 18 W			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
96030	TIG TORCH HF 18W - 4mt	Duty 100% DC: 320A Duty 100% AC: 240A Electrodes size: 0.5-4mm	1 pcs

READY FOR
TIG 320 AC/DC TIG 210 AC/DC PFC

POSITION	COD	DESCRIPTION	PCS
1	92352	Collet/Pinza serraelettrodo Ø0.5mm - 10N21	x3
	92353	Collet/Pinza serraelettrodo Ø1.0mm - 10N22	x3
	92354	Collet/Pinza serraelettrodo Ø1.6mm - 10N23	x3
	92372	Collet/Pinza serraelettrodo Ø2.4mm - 10N24	x3
	92373	Collet/Pinza serraelettrodo Ø3.2mm - 10N25	x3
2	92355	Collet body/Portapinza Ø0.5mm - 10N29	x3
	92356	Collet body/Portapinza Ø1.0mm - 10N30	x3
	92357	Collet body/Portapinza Ø1.6mm - 10N31	x3
	92374	Collet body/Portapinza Ø2.0mm - 10N31N	x3
	92375	Collet body/Portapinza Ø2.4mm - 10N32	x3
	92376	Collet body/Portapinza Ø3.2mm - 10N28	x3
3	92358	Allumina cup/Ugello ceramica Ø6mm - 10N50	x10
	92359	Allumina cup/Ugello ceramica Ø8mm - 10N49	x10
	92360	Allumina cup/Ugello ceramica Ø9,5mm - 10N48	x10
	92361	Allumina cop/Ugello ceramica Ø11mm - 10N47	x10
	92362	Allumina cup/Ugello ceramica Ø12,5mm - 10N46	x10
	92363	Allumina cup/Ugello ceramica Ø16mm - 10N45	x10
4	92364	Front insulator/Isolante frontale	x1
5	92365	Long back cap/Cappellotto lungo	x1
6	92366	Short back cap/Cappellotto corto	x1

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

ELECTRODES / ELETTRODI

FILLER RODS TIG

	INOX ER308L		SG2 ER70S-6		INOX ER316L		ALU ER1100	
CODE	90070	90071	90072	90073	90074	90075	90076	90077
PCS	60	40	60	40	60	40	60	40
Ø	1,6 mm	2,0 mm	1,6 mm	2,0 mm	1,6 mm	2,0 mm	1,6 mm	2,0 mm
LENGTH	330 mm	330 mm	330 mm	330 mm	330 mm	330 mm	330 mm	330 mm
MASTERBOX	40 pcs	40 pcs	40 pcs	40 pcs	40 pcs	40 pcs	40 pcs	40 pcs



TUNGSTEN ELECTRODE

	WP GREEN			WC20 GREY		WL20 BLUE	
CODE	92890	92892	92893	97291	92884	92895	92897
PCS	10	10	10	10	10	10	10
Ø	1,6 mm	2,4 mm	3,2 mm	1,6 mm	2,4 mm	1,6 mm	2,4 mm
LENGTH	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm
MASTERBOX	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs



TIG TORCH KIT



CODE: 96060	
SHORT BACK CAP	1 pcs
LONG BACK CAP	1 pcs
COLLET BODY Ø1,6 - 2,4 - 3,2mm	3 pcs
COLLET BODY Ø1,6 - 2,4 - 3,2 mm	3 pcs
ALLUMINA CUP GR5	1 pcs
ALLUMINA CUP GR8	1 pcs
TUNGSTEN ELECTRODE Ø1,6 - 2,4 - 3,2mm	3 pcs

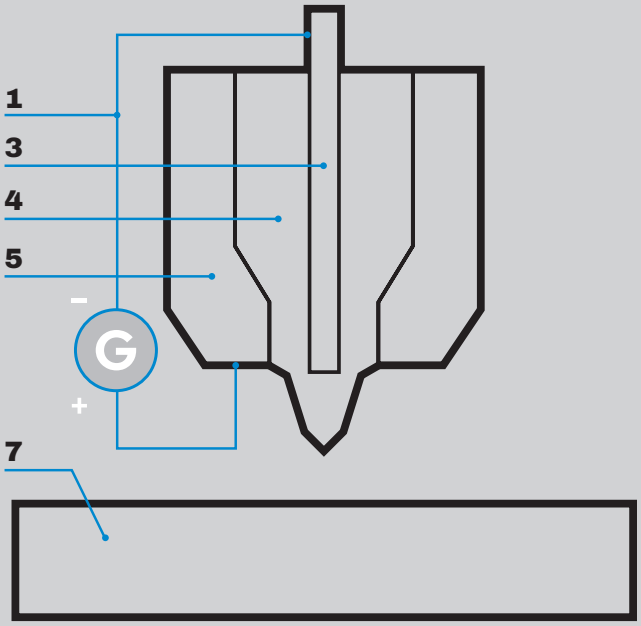


*READY FOR **ALL TIG TORCHES**

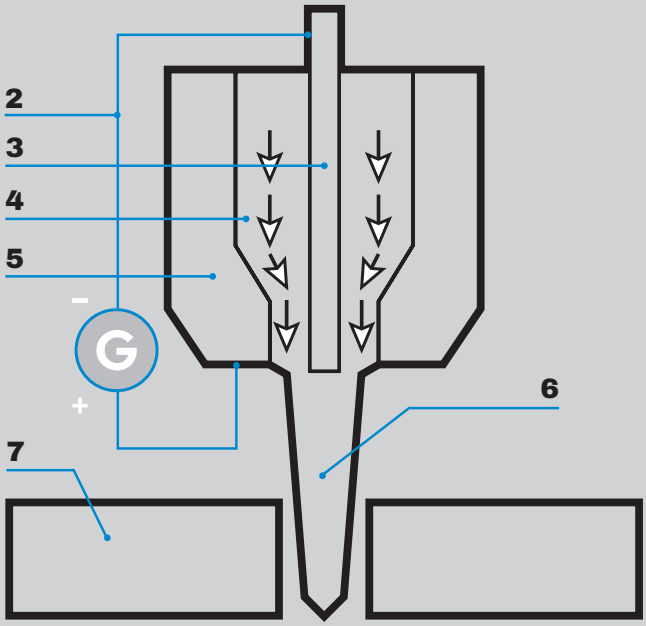
PLASMA PROCESS

Plasma is a strongly ionized gas, that is composed of charged particles, and therefore a conductor of electric current. It can be obtained by passing the gas to be ionized, usually compressed air or inert gas, through an electric arc generated within a mechanical bottleneck. In this way, the concentration of the charged particles formed increases greatly, consequently increasing the thermal eff ect and raising the temperature. The high-temperature gas tends to expand and, as it passes through the bottleneck, it acquires a very high velocity: a concentrated-energy dart of charges is obtained, which can be used to cut metals. A plasma cutting plant can be made by using a current generator with appropriate characteristics, a gas source and a flashlight that channels the gas into a nozzle inside which the electric arc is generated.

It is preferable to start cutting the metal object from the free edge of the material. If it is necessary to start “from the solid,” it is advisable to first make a hole using an alternative technique to plasma cutting. The execution speed of cutting depends on the thickness and type of metal. If the speed is very low, it is diffi cult to obtain a quality cut. The cutting speed depends on many variables and can only be roughly estimated in the case of manual applications. As an indication, two tables of correspondences between cutting speed expressed in centimeters per minute, metal and thickness to be cut, current and nozzle diameter are given.



PILOT ARC



CUTTING ARC

IT/ 1. Circuito di taglio 2. Circuito d’innesco 3. Elettrodo 4. Gas 5. Ugello 6. Arco di taglio 7. Metallo

FR/ 1. Circuit de decoupage 2. Circuit d’amorçage 3. électrode 4. Gaz 5. Bec 6. Arc de decoupage 7. Metal

EN/ 1. Cutting circuit 2. Striking circuit 3. Electrode 4. Gas 5. Nozzle 6. Cutting arc 7. Metal

ES/ 1. Circuito de corte 2. Circuito de cebado 3. Electrodo 4. Gas 5. Inyector 6. Arco de corte 7. Metal

DE/ 1. Schneidkreis 2. Zündungskreis 3. Elektrode 4. Gaz 5. Düse 6. Schneidbogen 7. Metall

PT/ 1. Circuito de corte 2. Circuito de início 3. Cátodo 4. Gás 5. Bico 6. Arco de corte 7. Metal

CUT QUALITY

A clean cut depends on several factors.

- **AMPERAGE**

Standard rule of thumb is the thicker the material the more amperage required. On thick material, set the machine to full output and vary your travel speed. On thinner material, you need to turn down the amperage and change to a lower-amperage tip to maintain a narrow kerf. The kerf is the width of the cut material that is removed during cutting.

- **SPEED**

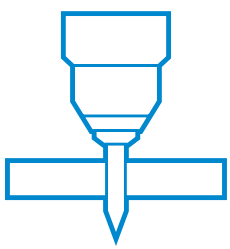
Amperage and speed are critical to producing a good quality cut. The faster you move (especially on aluminium), the cleaner your cut will be. To determine if you're going too fast or too slow, visually follow the arc that is coming from the bottom of the cut. The arc should exit the material at a slight angle away from the direction of travel. If it's going straight down, that means you're going too slow, and you'll have an unnecessary buildup of dross or slag. If you go too fast, it will start spraying back onto the surface of the material without cutting all the way through. Because the arc trails at an angle, at the end of a cut, slow your cutting speed and angle the torch in to cut through the last bit of metal.

- **DIRECTION**

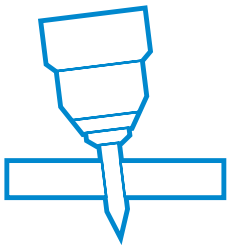
It is easier to pull the torch towards you than push it. The plasma stream swirls as it exits the tip, biting one side and finishing off on the other leaving a bevelled edge and a straight edge. The bevel cut effect is more noticeable on thicker material and needs to taken into consideration before starting your cut as you want the straight side of the cut to be on the finished piece you keep.

- **TORCH TIP HEIGHT & POSITION**

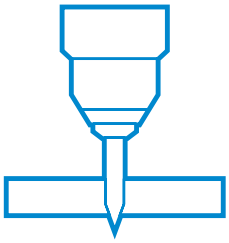
The distance and position of the plasma torch cutting tip has an affect on the quality of the cut and the extent of the bevel of the cut. The easiest way to reduce bevel is by cutting at the proper speed and height for the material and amperage that is being cut.



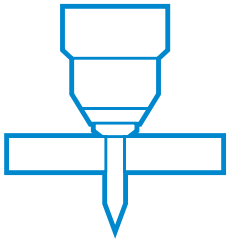
Correct torch height and square to the material. Minimum bevel & equal bevel. Longest consumable life.



Torch angled to the material. Unequal bevel, one side may be excessively beveled.



Torch height too high. Excessive bevel, plasma stream may not cut all the way through the material.



Torch height too low. Reverse bevel. Tip may contact the work and short out or damage the tip.

- **TIP SIZE AND CONDITION**

The tip orifices focus the plasma stream to the work piece. It is important to use the correct size tip for the amperage being used, for ex-ample a tip with a 1,2mm orifice is good for 0-40 amps whereas a 1,6mm orifice is better for 40-80 amps. The low-amp tip has a smaller orifice which maintains a narrow plasma stream at lower settings for use on thin-gauge material. Using a 25 amp tip at an 60 amp setting will blow out and distort the tip orifice and require replacement. Conversely, using an 80-amp tip on the lower settings will not allow you to focus the plasma stream as well and creates a wide kerf. The condition of the tip orifice is critical to the quality of the cut result, a worn or damaged tip orifice will produce a distorted plasma stream resulting in a poor cut quality.

- **ELECTRODE CONDITION**

A fixed gap is established between the electrode and the inside of the cutting tip. Electrons arc across the gap, ionizing and super heating the air creating the plasma stream. The electrode contains an insert in the end made of a highly conductive material called hafnium. This insert erodes with use and develops a pit in the end of the electrode, when the pit becomes too much poor quality cuts will result and necessitate replacement of the electrode.

- **TECHNIQUE TIPS**

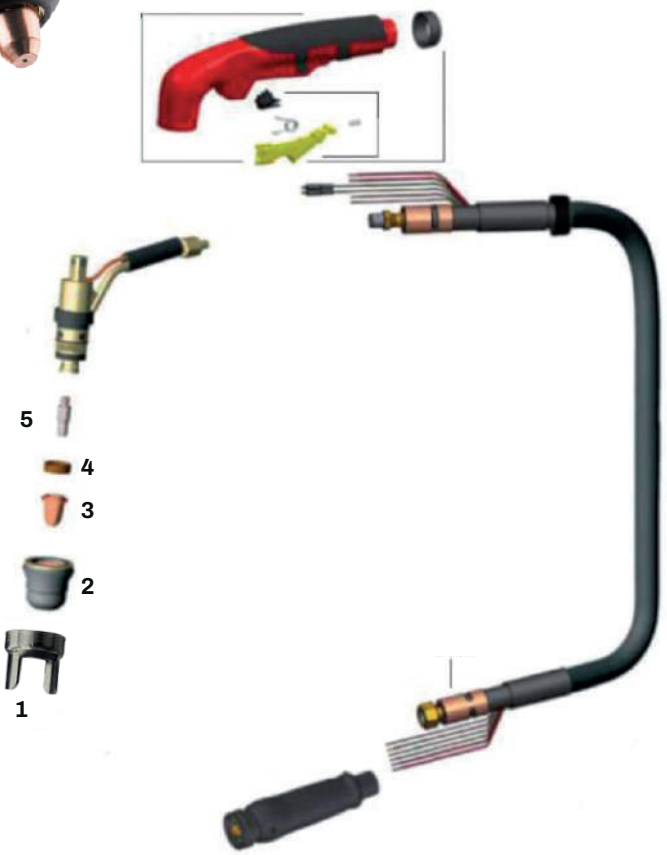
• It is easier to pull the torch through the cut than to push it.
• To cut thin material reduce the amperage until you get the best quality cut.
• Use the correct size tip orifice for the amperage being used.
• For Straight cuts use a straight edge or cutting buggy as a guide. For circles, use a template or circle cutting attachment.
• Check that the front end consumable parts of the plasma cutting torch are in good condition.

PLASMA TORCH 40 CHD 4M

CODE: **95422**

EN60974-7





40 PLASMA TORCH			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
95422	PLASMA TORCH 40 CHD 4mt	Duty 60%: 40A Pressure/Pressione: 5 bar Air/Aria 115 L/min Thickness cut/Spessore taglio: 8-12mm	1 pcs

POSITION	COD	DESCRIPTION	PCS
1	95075	Stand off guide	x1
2	95076	Retaining cap/Ugello esterno	x1
3	95077	Tip/Ugello 40A	x10
4	95078	Air diffuser/Diffusore aria	x2
5	95079	Plasma electrodes/Elettrodo plasma 21,8mm	x10

READY FOR
GLOBAL 300

Particular spare parts can be supplied on demand. / Ricambi speciali possono essere forniti su richiesta.

40 PLASMA TORCH

CODE: **95110**

EN60974-7

READY FOR
PLASMA 40 / PLASMA 40K





PLASMA TORCH 40 3M			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
95110	PLASMA TORCH 40 3MT	Duty 60%: 40A Pressure/Pressione: 5 bar Air/Aria 115 L/min Thickness cut/Spessore taglio: 8-12mm	1 pcs

POSITION	COD	DESCRIPTION	PCS
1	95111	Plasma electrodes/Elettrodo plasma 21,8mm	x10
2	95112	Air diffuser/Diffusore aria	x10
3	95113	Tip/Ugello 30A - Ø 0,8mm - 17,3mm	x10
4	95114	Retaining cap/Ugello esterno	x2

PT 80 PLASMA TORCH

CODE: **95115**

EN60974-7

READY FOR
PLASMA 80 / 120

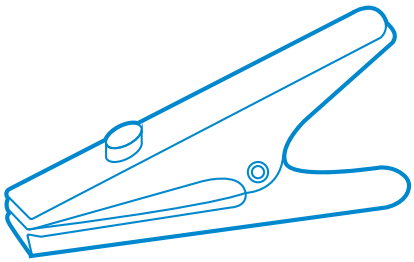




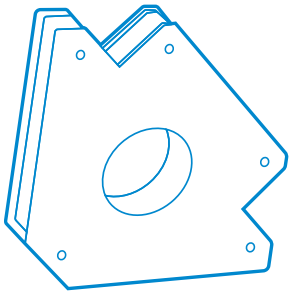
PLASMA TORCH 40 3M			
COD	**DESCRIPTION**	**TECHNICAL SPECIFICATION**	**MASTERBOX**
95115	PT 80 PLASMA TORCH	Duty 60%: 100A Pressure/Pressione: 3,5-5,5 BAR	1 pcs

POSITION	COD	DESCRIPTION	PCS
1	95116	Plasma electrodes/Elettrodo plasma 21,8mm	x10
2	95117	Tip/Ugello 100A - Ø 1,7mm	x1
	95118	Tip/Ugello 80A - Ø 1,5mm	x1
	95119	Tip/Ugello 60A - Ø 1,3mm	x1
3	95120	Retaining cap/Ugello esterno	x2
4	95102	Roller Stand off guide/Guida distanziale con rotelle	x1
5	95100	Spring spacer / Molla distanziatrice	x10

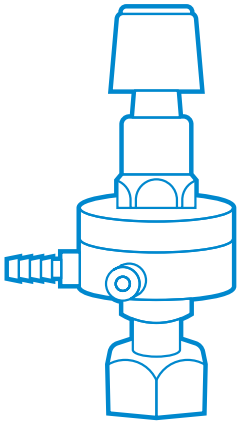
WELDING ACCESSORIES



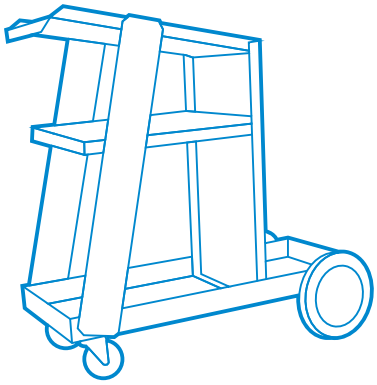
CONNECTIONS



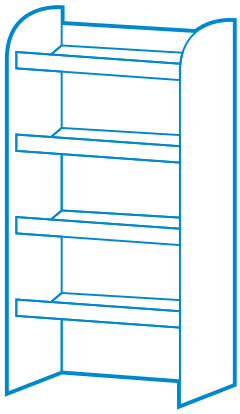
MAGNETS



GAS



TROLLEYS



DISPLAY

EARTH CLAMP / PINZA DI MASSA

KONTACT K200

160 A
Cable: 10-16mm²
160A (35%)
80A (60%)

MULTI HOLE PLATE	
CODE	89200
PCS	1
MASTERBOX	12 PCS



KONTACT K300

300 A
Cable: 10-35mm²
300A (35%)
250A (60%)

BLISTER	
CODE	89300
PCS	1
MASTERBOX	12 PCS



KONTACT K400 MAGNET

400 A
Cable: 10-35mm²
400A (35%)
200A (60%)

BOX	
CODE	89550
PCS	1
MASTERBOX	2 PCS



KONTACT K500

500 A
Cable: 25-70mm²
500A (35%)
350A (60%)

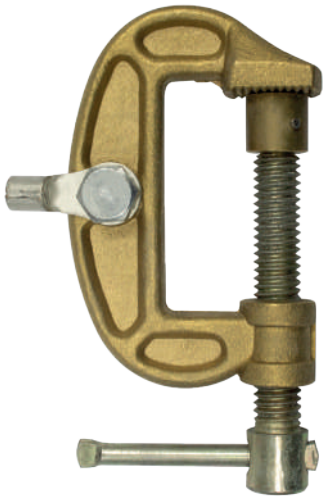
BLISTER	
CODE	89500
PCS	1
MASTERBOX	6 PCS



BLOCK 300

300 A
Cable: 10-35mm²
300A (35%)
200A (60%)

BOX	
CODE	89392
PCS	1
MASTERBOX	2 PCS



POWER CONNECTOR / CONNETTORI DI POTENZA

KONNECTOR PSM 10-25

Cable/Cavo:
10-25 mm²



BLISTER	
CODE	90610
PCS	2
MASTERBOX	6 PCS

KONNECTOR PSM 35-50

Cable/Cavo:
35-50 mm²



BLISTER	
CODE	90630
PCS	2
MASTERBOX	6 PCS



KONNECTOR SM 10-25

Cable/Cavo:
10-25 mm²



BLISTER	
CODE	90510
PCS	2
MASTERBOX	6 PCS



KONNECTOR SM 35-50

Cable/Cavo:
35-50 mm²



BLISTER	
CODE	90530
PCS	2
MASTERBOX	6 PCS



KONNECTOR PM 10-25

Cable/Cavo:
10-25 mm²



BLISTER	
CODE	90585
PCS	2
MASTERBOX	6 PCS



KONNECTOR PM 35-50

Cable/Cavo:
35-50 mm²



BLISTER	
CODE	90603
PCS	2
MASTERBOX	6 PCS



KONNECTOR SM 10-25

Cable/Cavo:
10-25 mm²



BOX	
CODE	90560
PCS	2
MASTERBOX	100 PCS

KONNECTOR SM 35-50

Cable/Cavo:
35-50 mm²



BOX	
CODE	90590
PCS	2
MASTERBOX	100 PCS

KONNECTOR PM 10-25

Cable/Cavo:
10-25 mm²



BOX	
CODE	90580
PCS	2
MASTERBOX	100 PCS

KONNECTOR PM 35-50

Cable/Cavo:
35-50 mm²



BOX	
CODE	90605
PCS	2
MASTERBOX	100 PCS

KONNECTOR PP 10-25



BLISTER	
CODE	90575
PCS	2
MASTERBOX	6 PCS



KONNECTOR PP 35-50



BLISTER	
CODE	90602
PCS	2
MASTERBOX	6 PCS



KONNECTOR PP 10-25

BLISTER	
CODE	90570
PCS	10
MASTERBOX	10 PCS



KONNECTOR PP 35-50

BLISTER	
CODE	90600
PCS	10
MASTERBOX	10 PCS



WELDING CABLE / CAVO PER SALDATRICE

WELDING CABLE 16mm² - 10m



BOX	
CODE	89600
PCS	1
MASTERBOX	5 pcs

WELDING CABLE 16mm² - 5m



BOX	
CODE	89610
PCS	1
MASTERBOX	5 pcs

WELDING CABLE 25mm² - 10m



BOX	
CODE	89700
PCS	1
MASTERBOX	5 pcs

WELDING CABLE 25mm² - 5m



BOX	
CODE	89710
PCS	1
MASTERBOX	5 pcs

WELDING MAGNET / MAGNETI PER SALDATURA

4 MAGNET KIT

45° - 90° - 135°

BLISTER	
CODE	98027
MAX	4 kg
PCS	1
MASTERBOX	6 PCS



WELDING MAGNET

45° - 90° - 135°

BLISTER	
CODE	88031
MAX	22 kg
PCS	1
MASTERBOX	6 PCS



BIG WELDING MAGNET

45° - 90° - 135°

BLISTER	
CODE	88041
MAX	34 kg
PCS	1
MASTERBOX	6 PCS



SWITCH WELDING MAGNET

45° - 90° - 135°

BLISTER	
CODE	88038
MAX	20 kg
PCS	1
MASTERBOX	30 PCS



CORNER MAGNET

15° - 60° - 90° - 120°

BLISTER	
CODE	98033
MAX	15 kg
PCS	1
MASTERBOX	6 PCS



MAGNETIC WELDING HELP VARIABLE ANGLE

30° - 45° - 60° - 75° - 90° - 135°

BLISTER			
CODE	88046	88047	88048
MAX	22 kg	34 kg	45 kg
PCS	1	1	1
MASTERBOX	6 PCS	6 PCS	6 PCS



MINI WELDING MAGNETIC TOOL SET

BLISTER	
CODE	98038
PCS	Mini magnetic welding holders 2pcs Mini magnetic welding ground 1pcs Mini locking welding 3pcs



MAGNETIC SWEEPER

BLISTER	
CODE	88045
PCS	1
MASTERBOX	1 PCS



HAMMER & BRUSH / MARTELLI E SPAZZOLE

HAMMER BRUSH

BLISTER	
CODE	90300
LENGTH	170 mm
PCS	1
MASTERBOX	6 PCS

MULTI HOLE PLATE	
CODE	90305
LENGTH	270 mm
PCS	1
MASTERBOX	6 PCS



W BRUSH

MULTI HOLE PLATE	
CODE	90306
PCS	1
MASTERBOX	6 PCS



PRO HAMMER BRUSH

BLISTER	
CODE	80000
PCS	1
MASTERBOX	6 PCS

CODE	80001



A CHIPPING HAMMER

BLISTER	
CODE	80010
WEIGHT	340 g
PCS	1
MASTERBOX	6 PCS

MULTI HOLE PLATE	
CODE	80005
WEIGHT	320 g
PCS	1
MASTERBOX	6 PCS



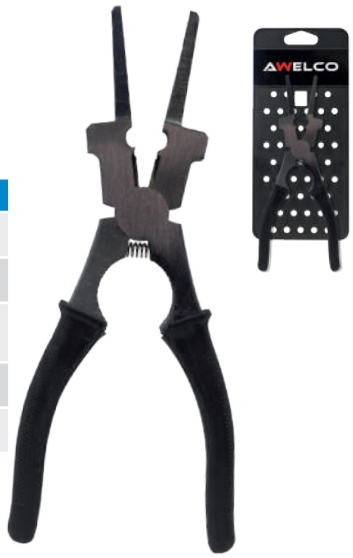
W CHIPPING HAMMER

BLISTER	
CODE	80015
WEIGHT	330 g
PCS	1
MASTERBOX	6 PCS



WELDING MULTI- FUNCTION PLIER

MULTI HOLE PLATE	
CODE	80003
LENGTH	200 mm
WIRE SIZE Ø	0,6-0,8-1,0 - 1,2-1,6 mm
PCS	1
MASTERBOX	6 PCS



GAS BOTTLE AND REGULATORS / BOMBOLE GAS E REGOLATORI



BOX							
CODE	92495	92500	93500	92510	93510	92520	93520
CAPACITY	0,95 L	0,95 L	2,2 L	0,95 L	2,2 L	0,95 L	2,2 L
TYPE OF GAS	O2	Ar 86% - CO_2 14%	Ar 86% - CO_2 14%	CO_2	CO_2	Ar	Ar
TESTING PRESSURE PH	174 bar	174 bar	165 bar	174 bar	165 bar	174 bar	165 bar
FILLING PRESSURE	110 bar	60 bar 20°C	110 bar	60 bar 20°C	36 bar 0°C	60 bar 20°C	110 bar
PRESSURE WORKING PW	116 bar	116 bar	110 bar	116 bar	110 bar	116 bar	110 bar
NET WEIGHT	145 g	100 g	430 g	390 g	1300 g	100 g	430 g
PCS	1	1	1	1	1	1	1
MASTERBOX	12 PCS	12 PCS	4 PCS	12 PCS	4 PCS	12 PCS	4 PCS

No Rechargeable

BRICO

BLISTER	
CODE	92400
PCS	1
MASTERBOX	6 PCS



BRICO PROF

BLISTER	
CODE	92410
PCS	1
MASTERBOX	6 PCS



Compatible with 92500 - 92510 - 92520



https://bit.ly/M04137

No Rechargeable

BOX				
CODE	92483	92484	92493	92494
CAPACITY	6,9 L	6,9 L	13,6 L	13,6 L
GAS TYPE	ARGON	ARGON +CO_2	ARGON	ARGON +CO_2
GAS (l)	455 ± 10%	490 ± 10%	780 ± 10%	960 ± 10%
BOX WEIGHT (kg)	5,7 ± 0,20	5,7 ± 0,20	9,4 ± 0,20	9,6 ± 0,20
PCS	1	1	1	1
PCS PER PALLET (100x120cm)	120 PCS	120 PCS	80 PCS (ADR)*	80 PCS (ADR)*

*NO ADR:
MAX 73 pcs PER PALLET

TURBO

BLISTER	
CODE	92449
PCS	1
MASTERBOX	6 PCS



TURBO PROF

BLISTER	
CODE	92450
PCS	1
MASTERBOX	6 PCS



Compatible with 92483 - 92484 - 92493 - 92494

MICRO MAX

BOX	
CODE	92420
PCS	1
MASTERBOX	2 PCS



MIG TORCH FLOW

BOX	
CODE	92470
PCS	1
MASTERBOX	12 PCS



MAX - PROF

BOX	
CODE	92430
PCS	1
MASTERBOX	2 PCS



MAX - FLUX

BOX	
CODE	92425
PCS	1
MASTERBOX	2 PCS



ADAPTER CO_2 / ARGON

BOX	
CODE	92419
PCS	1
MASTERBOX	2 PCS



WELDING CART AND OTHERS

MIG INVERTER 1PH RANGE TROLLEY



BOX	
CODE	79600
SIZE (HxWxL)	650x550x350
PCS	1

WELDING CART WITH HANDLE



BOX	
CODE	79618
SIZE (HxWxL)	692x375x705
PCS	1

WELDING CART WITH HANDLE AND DRAWER



BOX	
CODE	79619
SIZE (HxWxL)	692x375x705
PCS	1

TROLLEY 3PH RANGE



BOX	
CODE	90989
SIZE (HxWxL)	104x59x111
PCS	1

WATER COOLING CT500



BOX					
CODE		90986	TANK CAPACITY	l	6.5
INPUT VOLTAGE / FREQUENCY	V/Hz	Single Phase 380±15% 50/60	MAXIMUM PRESSURE	Mpa	0.3
RATED INPUT CURRENT	A	0.8	PROTECTION CLASS		IP23
RATED OUTPUT CURRENT	W	270	MACHINE DIMENSION	mm³	720x290x235
FLUX	L/min	8	WEIGHT	kg	19

COOLING LIQUID 5L



BOX	
CODE	95097
CAPACITY	5 L
PCS	1

DISPLAY MAXI



BOX	
CODE	79200
SIZE (HxWxL)	2200x 500x 1050
PCS	1

PROMIG JET SPRAY



Anti Spatter Spray

BOX	
CODE	92530
PCS	1
MASTERBOX	24 PCS

PLASTIC WELDING GUN - 70W

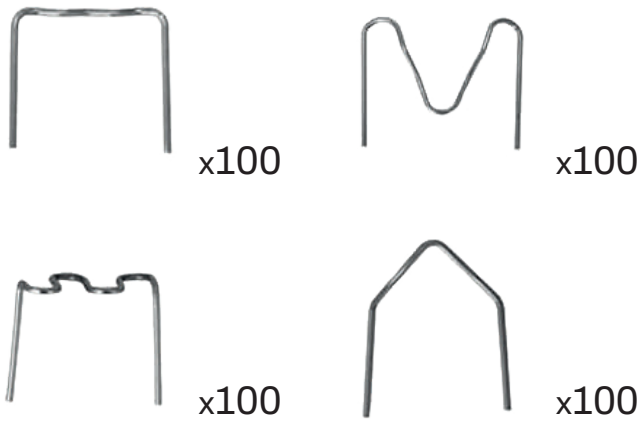


PLASTIC CASE	
CODE	98046
PCS	1

ACCESSORIES INCLUDED

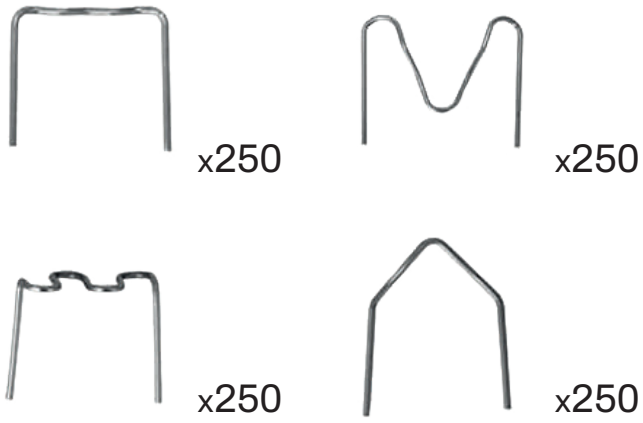


STAPLES KIT - 100pcs



PLASTIC CASE	
CODE	98056
PCS	WAVE STAPLES: 100 V TYPE STAPLES: 100 M TYPE STAPLES: 100 FLATE STAPLES: 100

STAPLES KIT - 250pcs



PLASTIC CASE	
CODE	98057
PCS	WAVE STAPLES: 250 V TYPE STAPLES: 250 M TYPE STAPLES: 250 FLATE STAPLES: 250

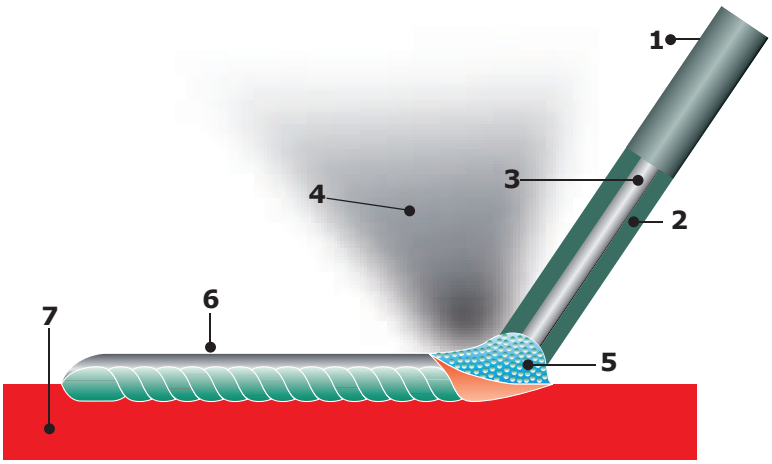
WELDING TORCH COMPATIBILITY

R RECOMMENDED **C** COMPATIBLE

		AWT 15	AWT 25	AWT 36	AWW 501S WATER	AWM-36 A	AWM-500 W	SPOOL GUN	SPOOL GUN	TIG TORCH 17V	TIG TORCH 17V	TIG TORCH HF 26	TIG TORCH HF 26 AC/DC	TIG TORCH HF 26 AC/DC MT4 D35 CHD	TIG TORCH HF 18 W	PLASMA TORCH 40	PLASMA TORCH PT80	PLASMA TORCH 40 CHD
		91015 91016 91018	91020 91021 91022	91035 91036 91038	91081 91082 91083	91041 91042 91043	91084 91085 91086	90101	90103	96000	96009	96020	96025	96027	96030	95110	95115	95422
MIKROTIG 150	68250									R								
MIKROTIG 170	68270									R								
MIKROTIG 200	68300									R								
MIG ONE	58816	DIRECT CONNECT MIG TORCH								R								
EASYMIG 130	58820	DIRECT CONNECT MIG TORCH								R								
EASYMIG 160	58830	DIRECT CONNECT MIG TORCH								R								
EASYMIG 180	58840	DIRECT CONNECT MIG TORCH								R								
MIKROMIG 1800	59840	DIRECT CONNECT MIG TORCH								R								
MIKROMIG 2000	59850	R	C	C		C				R								
PLASMA 40	53185															R		
ARC 160	51916									R								
ARC 180	51918									R								
ARC 250	51925									R								
Plus 250 TIG LIFT	55725									R	R							
ATLAS 160	55861										R							
ATLAS 180	55866										R							
ATLAS 200	55871										R							
MULTI MIKRO 160	59065	DIRECT CONNECT MIG TORCH								R								
MULTI MIKRO 200	59095	R	C	C		C					R							
SMARTMIG 2200	59190	R	C	C		C		R			R							
DOUBLE PULSE MIG 2500	59210	R	C	C		C					R							
TRIS 250	N18190	R	C	C		C					R							
SYNERGY 250	N18200	R	C	C		C		R			R							
TRIS 280	N18445		R	C		C					C							
TRIS 400	N18475		R	C		C					C							
TRIS 500	N18485			R		C					C							
UNIMIG 350	N18510		R	C		C												
UNIMIG 500	N18520			R		C												
UNIMIG 350 SWF	N18610		C	C	R	C	R											
UNIMIG 500 SWF	N18620			C	R	C	R											
MIG 350 SWF SYNERGIC PULSE	N18715			C		R					C							
MIG 500 SWF SYNERGIC PULSE	N18720			C	C		R				C							
MIG 550 SWF SINERGIC DOUBLE PULSE	N18750			C	C		R				C							
TIG 200 I HF-DC PULSE	58195											R						
TIG 200 AC/DC PULSE	58021													R				
TIG 210 AC/DC PFC	58201												R		C			
TIG 320 AC/DC	58320												R		C			
GLOBAL 300	53210	R	C	C		C			R					R				R
PLASMA 40K	53189															R		
PLASMA 80	53080																R	
PLASMA 120	53100																R	

WELDING PROCESS

MMA WELDING



1-Elettrodo 2-Rivestimento 3-Anima 4-Protezione gassosa 5-Arco di saldatura 6-Scoria 7-Materiale base
Due metalli vengono uniti con un metallo di apporto e la fusione si ottiene con un arco elettrico. I materiali di apporto sono “elettrodi” ovvero bacchette di metallo rivestite da materiale disossidante.

1-Électrode 2-Revêtement 3-âme 4-Protection gazeuse 5-Arc de soudage 6-Scorie 7-Materiau base
Lorsque deux métaux sont liés par un métal d’apport la fusion a lieu grâce à un arc électrique. Le matériau d’apport provient d’électrodes ou de tiges de métal revêtues de matériau désoxydant.

1-Electrode 2-Coating 3-Core 4-Gaseous protection 5-Arc Welding 6-Slag 7-Base material
When two metals are joined with a filler metal then the fusion is obtained with an electric arc. The filler materials are electrodes or metal coated rods with material deoxidizer.

1-Electrodo 2-Revestimiento 3-Alma 4-protección gaseosa 5-Arco eléctrico 6-Escoria 7-Material base
Al unir dos metales con un metal de relleno, la fusión se obtiene mediante un arco eléctrico Los materiales de relleno son electrodos o varillas recubiertas de metal con desoxidante.

1-Elektrode 2-Umhüllung 3-Kern 4-Gasschutz 5-Schweissbogen 6-Schlacke 7-Grundstoff
Wenn zwei Metalle mit einem Zusatzwerkstoff verbunden werden, dann wird der Schmelzvorgang durch einen Lichtbogen erlangt. Der Zusatzwerkstoff sind Elektroden oder metallummantelte Stäbe mit Desoxidationsmittel.

1-электрод 2-сердцевина 3-покрытие 4-Газовое Защита 5-сварочная дуга 6-шлак 7-материал основание
При соединении двух металлов присадочным материалом происходит плавление за счет электрической дуги. Присадочными материалами являются электроды, т.е. металлические стержни с покрытием из раскислителя этого материала



ANTI STICK

Viene ridotta la corrente di saldatura, se si genera un corto circuito permanente, per permettere di rimuovere l’elettrodo e riprendere la normale condizione di esercizio.

Le valeur du courant diminue immédiatement jusqu’à ce qu’elle atteigne le valeur nécessaire pour que l’électrode puisse être retiree de la soudure.

Immediately decreases the current until it reaches a value allowing to remove the electrode from the melt.

El valor actual de la corriente disminuye de manera automática hasta alcanzar un valor que permita despegar el electrodo de la fusión.

Die Stromstärke nimmt sofort ab bis sie einen Wert erreicht, bei dem die Elektrode vom Schmelzbad entfernt werden kann.

(ПРЕДОТВРАЩЕНИЕ ПРИЛИПАНИЯ): сила тока немедленно сокращается до величины, позволяющей извлечь электрод из



ARC FORCE

Viene erogata una corrente più elevata rispetto a quella impostata per evitare che l’elettrodo, avvicinandosi troppo velocemente alla zona di fusione, si incolli.

L’équipement électronique augmente automatiquement le valeur du courant de l’arc pour éviter que l’électrode des que s’approche trop rapidement à la soudure crée un court-circuit.

The electronic equipment automatically increases the arc current value to avoid that the electrode, approaching very quickly to the welding melt, creates a short-circuit.

Para prevenir que el electrodo que se acerca a la fusión de la soldadura muy rápido cree un cortocircuito, el equipo electrónico aumenta automáticamente el valor de la corriente del arco para eliminarlo.

Um zu vermeiden, dass die Elektrode, die sich dem Schmelzbad nähert sehr schnell einen Kurzschluss auslöst, vergrößert die elektronische Regelung automatisch den Wert des Lichtbogenstroms, um dies zu verhindern.

ФОРСИРОВАНИЕ ДУГИ: Устраняет ситуацию, когда электрод слишком быстро приближается к сварочному расплаву и создает короткое замыкание; для этого электронное оборудование автоматически увеличивает силу тока дуги.



HOT START

All’innesco viene fornita una corrente più alta per facilitare l’innesco dell’arco.

Il est fourni une courant de démarrage a un valeur supérieure à la valeur prévu pour aider le démarrage de l’arc.

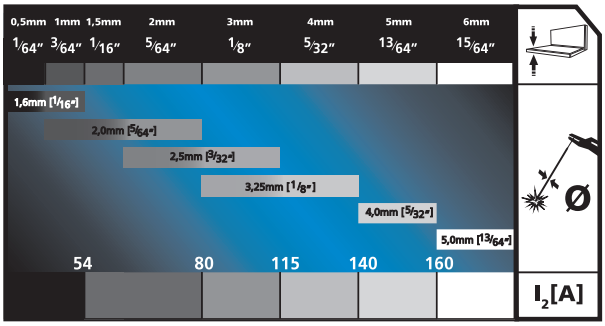
Supply the starting current with a value higher than the planned value to help the arc ignition.

Corriente de arranque con un valor superior al esperado. Favorece el encendido del arco.

Startstrom größer als der geplante Schweißstrom. Das hilft bei der Lichtbogenzündung.

величина начального тока превышает плановую величину. Это помогает зажечь дугу.

MMA WELDING PARAMETERS



Tenendo conto dello spessore del pezzo da saldare, scegliere il diametro e l'intensità dell'elettrodo appropriati (ampere).

En tenant compte de l'épaisseur de la pièce à souder, choisissez le diamètre et l'intensité de l'électrode appropriés (ampères).

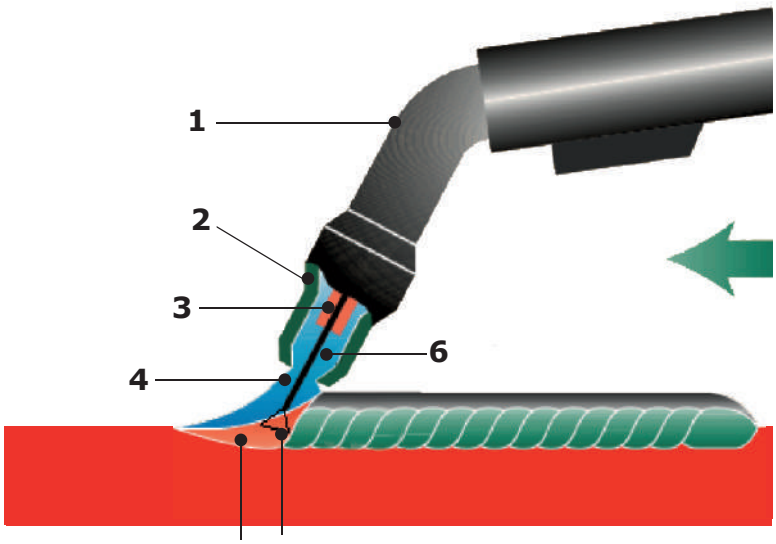
According the thickness of the piece to be welded, choose the appropriate electrode diameter and intensity (ampers).

Teniendo en cuenta el espesor de la pieza a soldar, elija el diámetro de electrodo e intensidad (ampers) adecuada.

Wählen Sie unter Berücksichtigung der Dicke des zu schweißenden Werkstücks den geeigneten Elektrodendurchmesser und die geeignete Intensität (Ampers).

Принимая во внимание толщину сварочной детали, выберите соответствующий диаметр и интенсивность электрода (амперы).

MIG WELDING



1-Torcia 2-Ugello 3-Guida filo 4-Gas di protezione 5-Arco di saldatura 6-Filo di saldatura 7-Metallo fuso
La saldatura “MIG” si distingue in: “MIG GAS”: il materiale usato è un metallo sotto forma di filo e il disossidante è un gas, generalmente CO2 o Argon o CO2+Argon. “MIG NO-GAS”: il filo contiene all’interno il disossidante Le saldatrici ad inverter possono avere le seguenti caratteristiche automatiche: “MIG PULSATO”: modula la potenza di saldatura nel tempo a seconda della frequenza e dell’impulso. Se, ad esempio, la frequenza 50Hz e l’impulso è 15% si ha: o tempo totale 20ms (1s/50Hz); o tempo impulso 3ms (20ms*15%).

1-Torche 2-Bec 3-Tube contact 4-Gaz Protection 5-Arc de Soudage 6-Fil de soudage 7-Bain de fusion
Le soudage “MIG” se distingue par : “GAZ MIG” : le matériau utilisé est un métal sous forme de fil et l’oxydation est limitée par un gaz, généralement du CO2, de l’Argon ou CO2+Argon. “MIG SANS GAS”:
le fil est contenu dans le désoxydant. Les postes à souder à ondulateur ont les fonctions automatiques suivantes ; “MIG PULSATION” : Module la puissance de soudage dans le temps en fonction de la fréquence et de la pulsation. Par exemple, si la fréquence est de 50Hz et que l’impulsion est à 15% elle a : o Temps total 20ms (1s/50Hz) ; o Temps de pulsation 3ms (20ms*15%).

1- Torch 2-Nozzle 3-Contact tip 4- Protection gas 5-Welding arc 6-Welding Wire 7-Melting Pool
Welding “MIG” is distinguished in: “MIG GAS”: the material used is a metal in the form of a wire and the deoxidization and a gas, generally CO2, Argon or CO2+Argon. “MIG NO-GAS”: the thread contains within the dioxidiser. The inverter welders may have the following automatic features; “MIG PULSE”: Modulates the welding power over time depending on the frequency and pulse. For example, if the frequency is 50Hz and the impulse is at 15% it has: o Total time 20ms (1s/50Hz); o Pulse time 3ms (20ms*15%).

1-Antorcha 2-Boquilla 3-Punta de contacto 4-Gas de protección 5-Arco de soldadura 6-Alambre de soldadura 7-Baño de fusión
La soldadura “MIG” se distingue por: “MIG GAS”: el material utilizado es un metal con forma de alambre, y el desoxidante es un gas, normalmente CO2, Argón o CO2+Argón. “MIG NO-GAS”: el alambre contiene al interno el desoxidante. Los soldadores inverter tienen las siguientes características automáticas: “MIG PULSE”: Modula la potencia de soldadura en el tiempo según la frecuencia y el impulso. Por ejemplo, si la frecuencia es 50Hz y el impulso es del 15%, tenemos: o Tiempo total 20ms (1s/50Hz); o Tiempo de impulso 3ms (20ms*15%)

1-Schlauchbrenner 2-Düse 3-Kontakt Spitze 4-Schutzgas 5-Lichtbogen 6-Schweißdraht 7-Schmelzpool
Beim “MIG”-Schweißen wird unterschieden zwischen: “MIG GAS”: das verwendete Material ist ein Metall in Form eines Drahtes und das Desoxidationsmittel und ein Gas, meistens CO2, Argon oder CO2 + Argon. “MIG OHNE-GAS”: im Draht ist das Desoxidationsmittel enthalten. “MIG IMPULS”: Moduliert die Schweißkraft über die Zeit abhängig von Frequenz und Puls. Z.B. bei einer Frequenz von 50Hz und einem Puls von 15%: o Gesamtzeit 20ms (1s/50Hz); o Impulszeit 3ms (20ms*15%).

1-Факел, горелка 2-сопло 3-Контактный наконечник 4-Защита газ 5-сварочная дуга 6-Сварочная проволока 7-Таяние бассейн
Сварка «МиГ» выделяется в: “МИГ ГАЗ”: используемый материал металл в виде проволоки и раскисление и газ, как правило, CO2, аргон или CO2 + аргон. “МИГ NO-ГАЗ”: нить содержит в dioxidiser. Инвертор сварщики могут иметь следующие функции автоматического; “МИГ PULSE”: Модулирует мощность сварки с течением времени в зависимости от частота и импульс. Например, если частота 50 Гц, и импульс на уровне 15% он имеет: o Общее время 20 мс (1s/50Hz); o Длительность импульса 3 мс (20 мс * 15%).

MIG PULSE

La funzione PULSE consente di migliorare la produttività e la qualità delle saldature rispetto ai processi MIG tradizionali, offrendo minore deformazione ed una maggiore tenuta dei pezzi saldati.

La fonction PULSE permet d'améliorer la productivité et la qualité des postes de soudure MIG par rapport aux MIG traditionnels.

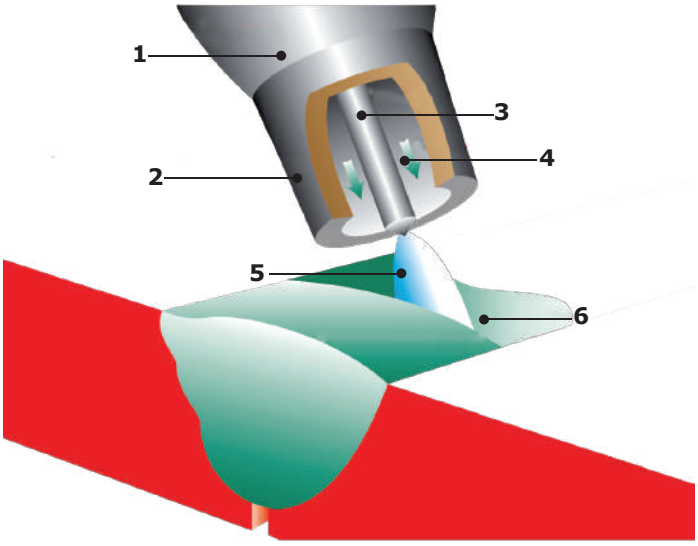
PULSE function allows you to improve the welding productivity and quality compared to traditional MIG processes, offering lower distortion and higher sealing of welded parts.

La función PULSE le permite mejorar la productividad y la calidad de la soldadura en comparación con los procesos MIG tradicionales, ofreciendo una menor distorsión y un mayor sellado en las piezas soldadas.

Die PULSE-Funktion ermöglicht es, die Produktivität und die Qualität der Schweißnähte im Vergleich zum traditionellen MIG-Verfahren zu verbessern, wodurch weniger Verformungen und eine bessere Haltung der geschweißten Teile erzielt werden.

Функция PULSE позволяет повысить производительность и качество сварки по сравнению с традиционными процессами MIG, благодаря меньшей деформации и лучшей герметичности свариваемых деталей.

TIG WELDING



1-Torcia 2-Ugello 3-Elettrodo Infusibile 4-Gas di protezione 5-Arco di saldatura 6-Metallo fuso
Nella saldatura "TIG" il calore necessario per la saldatura è fornito da un arco elettrico tra un elettrodo infusibile ed il pezzo in lavorazione, sotto la protezione di un gas inerte (normalmente Argon: Ar 99,5). La saldatura può essere eseguita con o senza materiale d'apporto.

1-Torche 2-Bec 3-Infusible-électrode 4-Gaz Protection 5-Arc de Soudage 6-Bain de fusion
Pour le soudage TIG, la chaleur est produite par l'arc électrique entre une électrode non-consommable (en tungstène) et la pièce à souder au moyen d'un gaz inerte (généralement de l'argon : Ar 99.5). L'électrode en tungstène est supportée par une torche qui convient à la transmission du courant de soudage et à la protection de l'électrode elle-même, et de la soudure de l'oxydation atmosphérique au moyen d'un débit de gaz inerte (habituellement de l'argon : Ar 99.5) qui est projeté par la buse en céramique.

1-Torch 2-Gas Nozzle 3-Infusible Electrode 4-Protection Gas 5-Welding Arc 6-Melting pool
In TIG welding the heat is produced by the electric arc between a nonconsumable electrode (tungsten) and the piece to be welded, by the flow of an inert gas (usually argon: Ar 99.5). The tungsten electrode is supported by a torch suitable for transmitting the welding current and protecting the electrode it self and the weld pool from atmospheric oxidation, by the flow of an inert gas (usually argon: Ar 99.5) which flows out of the ceramic nozzle.

1-Antorcha 2-Boquilla 3-Electrodo Infusible 4-Gas de protección 5-Arco de soldadura 6-Baño de fusión
En la soldadura TIG el calor necesario para la soldadura es suministrado por un arco eléctrico entre un electrodo inconsumible (tungsteno) y la pieza a soldar, bajo la protección de un flujo de un gas inerte (normalmente argón: Ar 99.5) que sale de la boquilla de cerámica. El electrodo de tungsteno es soportado por una antorcha que transmite la corriente de soldadura y a su vez protege al electrodo mismo y al baño de soldadura de la oxidación atmosférica.

1-Schlauchbrenner 2-Düse 3-Abschmelsende Elektrode 4-Schutzgas 5-Lichtbogen 6-Schmelzpool
Beim WIG-Schweißverfahren wird die Hitze durch den Lichtbogen zwischen einer sich nicht verbrauchenden Elektrode (Wolfram) und dem Schweißstück erzeugt; dabei fließt ein inertes Gas (normalerweise Argon: Ar 99.5). Die Wolframelektrode wird von einem Brenner gehalten, der geeignet ist um den Schweißstrom zu übertragen und die Elektrode selbst und das Schmelzbad vor atmosphärischer Oxidation zu schützen, indem ein inertes Gas (normalerweise Argon: Ar 99.5) aus der Keramikdüse fließt.

1-Факел, горелка 2-сопло 3-Неплавкий электрода 4-ащита газ 5-сварочная дуга 6-Плавильный бассейн
TIG предполагает образование тепла за счет электрической дуги между неплавящимся электродом (вольфрам) и свариваемой деталью в струе инертного газа (обычно аргон: Ar 99.5). Вольфрамовый электрод дополняется горелкой, обеспечивающей передачу сварочного тока и защиту самого электрода вместе со сварочной ванной от окисления атмосферным воздухом за счет потока инертного газа (обычно аргон: Ar 99.5), выходящего из керамического сопла

SCRATCH	LIFT	HIGH FREQUENCY
L'innesco a striscio avviene mediante sfregamento dell'elettrodo di tungsteno sul pezzo da saldare, con la conseguente accensione dell'arco.	L'innesco LIFT è ottenuto mediante un dispositivo che fornisce una corrente di basso valore per non danneggiare la punta dell'elettrodo di tungsteno, quando lo stesso è a contatto con il materiale da saldare. La partenza LIFT, per la mancanza dell'alta frequenza ha la proprietà di non creare disturbi elettromagnetici.	Nell'innesco HF, la scintilla pilota è fornita da un generatore ad alta frequenza che sovrappone alla tensione di saldatura un impulso ad alta tensione; la potenza di tale dispositivo è minima, tale comunque da permettere l'innesco a distanza dell'arco elettrico.
L'amorçage par glissement on l'a au moyen du frottement de l'électrode de tungstène sur la pièce à souder.	L'amorçage LIFT est obtenu au moyen d'un dispositif que fournit un courant très bas pour n'endommager pas la pointe de l'électrode de tungstène, quand il est à contact avec la pièce à souder. L'amorçage LIFT , pour la manque de haut fréquence il a la propriété de ne créer pas des dérangements électro magnétiques.	Dans l'amorçage HF , l'étincelle pilote est fourni par un générateur de haut fréquence que superpose au voltage de soudure une impulsion à haut voltage, la puissance de tel dispositif est très bas, mais suffisant pour l'amorçage à distance du arc électrique.
Scratch start happens thank to the tungsten electrode rubbing on the base material, with the consequent ignition of the arc.	LIFT start happens thank a device that provides low current to avoid the tungsten electrode's end damage, when it gets in contact with the base material. LIFT start, due to high frequencies, has the capacity to do not create electromagnetic disturbances.	In the HF start, the pilot spark is given by a high frequency generator that overlaps to the welding voltage, a high voltage impulse; this device power is minimal, such however to be allow the electric arc distance start.
El encendido a Scrutch ocurre gracias al raspado del electrodo de tungsteno con el material de base, con el consiguiente encendido del arco.	El encendido LIFT sucede gracias a un dispositivo que proporciona una corriente baja para evitar que los electrodos de tungsteno sufran daños cuando entran en contacto con el material base.	En el encendido con tecnologia HF, la chispa piloto viene dada por un generador de alta frecuencia que se superpone al voltaje de soldadura, un impulso de alto voltaje; La potencia de este dispositivo es mínima, sin embargo, permitir el encendido a distancia del arco eléctrico.
Die Kratzlichtbogenzündung erfolgt durch Reiben der Wolframelektrode an dem zu schweißenden Stück, woraufhin der Lichtbogen gezündet wird.	Die LIFT- Lichtbogenzündung wird mittels einer Vorrichtung erreicht, die einen Strom mit niedrigem Wert liefert, um die Spitze der Wolframelektrode nicht zu beschädigen, wenn diese mit dem zu schweißenden Material in Kontakt steht. Der LIFT-Start hat aufgrund der fehlenden hohen Frequenz die Eigenschaft, keine elektromagnetischen Störungen zu erzeugen.	Bei der HF-Lichtbogenzündung wird der Zündfunken von einem Hochfrequenzgenerator geliefert, welcher der Schweißspannung einen Hochspannungsimpuls überlagert; Die Leistung dieses Geräts ist minimal, jedoch so, dass der elektrische Lichtbogen ferngesteuert werden kann.
Поджиг осуществляется за счёт трения вольфрамового электрода по свариваемой детали с последующим зажиганием дуги.	Зажигание LIFT обеспечивается устройством, которое подает слабый ток, чтобы не повредить наконечник вольфрамового электрода, когда он находится в контакте со свариваемым материалом. Поджиг LIFT, благодаря высокой частоте, не создаёт электромагнитные помехи.	При HF (высокочастотном) зажигании пилотная искра подается высокочастотным генератором, который налагает высоковольтный импульс на сварочное напряжение; мощность этого устройства минимальная, но в то же время достаточная для поджига электрической дуги на расстоянии.

PLASMA CUTTING

L’arco plasma è ottenuto grazie ad un arco elettrico, generato tra un elettrodo infusibile e il pezzo da tagliare. Un flusso di aria compressa convoglia l’arco attraverso un ugello di piccole dimensioni generando un flusso concentrato di energia che provoca la fusione localizzata del pezzo.

L’arc de plasma est obtenu grâce à un arc électrique généré entre un électrode infusible et la pièce à usiner. A le débit d’air comprimé transporte l’arc à travers une buse de faible dimension la génération d’un courant concentré d’énergie qui provoque la fusion localisée de la pièce.

The plasma arc is obtained thanks to an electric arc, generated between a infusible electrode and the workpiece. a compressed air flow conveys the arc through a nozzle of small size generating a concentrated stream of energy that causes localized melting of the piece.

El arco de plasma se obtiene gracias a un arco eléctrico, generado entre un electrodo infusible y la pieza de trabajo. Un flujo de aire comprimido transmite el arco a través de una boquilla de pequeño tamaño generando un flujo concentrado de energía que causa la fusión localizada de la pieza.

Der Plasmabogen wird durch einen Lichtbogen erhalten, der zwischen einer unschmelzbaren Elektrode und dem Werkstück erzeugt wird. Ein komprimierter Luftstrom fördert den Lichtbogen durch eine Düse von kleiner Größe, die einen konzentrierten Energiestrom erzeugt, der ein lokales Schmelzen des Stückes verursacht.

Плазменная дуга получается благодаря электрической дуге, создаваемой между неплавким электродом и заготовкой. Поток сжатого воздуха пропускает дугу через сопло малого размера, генерируя концентрированный поток энергии, который вызывает локализованное плавление детали.

WELDING TECHNOLOGIES

INVERTER

Le saldatrici con tecnologia inverter consentono di avere le migliori prestazioni sul mercato, alta efficienza, minima perdita di calore, un rumore bassissimo. Oltre ad essere un prodotto compatto, leggero e facile da trasportare. Assorbimento di gran lunga inferiore rispetto alla tecnologia a trasformatore.

Les poste à souder avec technologie INVERTER permettons d’avoir les meilleurs performances du marché , haut rendement , très basse perte de chaleur, très bas bruit. En plus il est un produit compact, léger et facile à transporter.

Inverter technology welding machines allows you to have the best performances on the market, high efficiencies, lower heat loss, low noise. Besides is a compact, light and easy to carry product.

Las máquinas de soldadura con tecnología inverter le permiten tener el mejor rendimiento del mercado, alta eficiencia, menor pérdida de calor y bajo nivel de ruido. Además es un producto compacto, ligero y fácil de transportar.

Die Schweißgeräte mit Inverter-Technologie ermöglichen Ihnen die besten Leistungen auf dem Markt zu haben, hohe Effizienz, minimale Wärmeverluste und sehr geringe Geräuschentwicklung. Außerdem handelt es sich um kompakte, leichte und einfach zu transportierenden Produkte.

Сварочные аппараты инверторного типа обеспечивают лучшие выходные характеристики на сегодняшнем рынке, высокую эффективность, меньшие теплопотери и низкий уровень шума. Кроме того, данная продукция является компактной, лёгкой и удобной для переноски.

TRANSFORMER

Le saldatrici con trasformatore di potenza sono semplici, affidabili e durevoli nel tempo.

Les postes à souder avec transformateur de puissance sont simples, fiables et durables.

Welding machines with power transformer are simple, reliable and long lasting.

Los equipos de soldar con transformador de potencia son simples, fiables y duraderos.

Schweißgeräte mit Leistungs-Transformator sind einfach im Gebrauch, zuverlässig und langlebig.

Сварочные трансформаторы просты, надежны и долговечны.

LEGEND

V 50-60Hz

IT - Tensione di rete
FR - Tension de secteur
GB - Mains voltage
E - Tensión de red
D - Netzspannung
RU - Напряжение сети

X%/I2[A] 40° EN 60974-1

IT - Fattore di servizio
FR - Facteur de marche
GB - Duty cycle
E - Ciclo de servicio
D - Einschaltdauer
RU - Соотношение прерывистости

I2max EN 60974-6 *ton*

IT - Tempo di saldatura continuo nominale (EN 60974-6).
FR - Temps de soudage continu nominal (EN 60974-6).
GB - Rated continuous welding time (EN 60974-6).
E - Tiempo de soldadura continua nominal (EN 60974-6).
D - Nenn-Dauer-Schweißzeit (EN 60974-6).
RU - Номинальное время непрерывной сварки (60974-6).

I EFF

IT - Corrente di carica
FR - Courant de charge
GB - Charge current
E - Corriente de carga
D - Ladestrom
RU - зарядный ток

Ø MIN MAX

IT - Diametro elettrodi
FR - Diamètre électrodes
GB - Electrode diameter
E - Diámetro electrodos
D - Elektroden durchmesser
RU - Диаметр электрода

I2max EN 60974-6 *Σ ton*

IT - Tempo di saldatura nominale in 1 ora (EN 60974-6).
FR - Temps de soudage nominal en 1 heure (EN 60974-6).
GB - Rated welding time in 1h (EN 60974-6).
E - Tiempo de soldadura nominal en 1 hora (EN 60974-6).
D - Nenn-Schweißzeit in 1 Stunde (EN 60974-6).
RU - Номинальное время сварки 1 час (60974-6).

SG2

IT - Diametro filo saldatura acciaio
FR - Diamètre fil de soudage acier
GB - Steel welding wire diameter
E - Diámetro hilode soldadura acero
D - Stahl Schweissdraht Durchmesser
RU - Диаметр проволоки для сварки стали

Imax

IT - Corrente massima
FR - Courant max.
GB - Max current
E - Corriente máx
D - Max Strom
RU - Максимальный ток

<50W

IT - Consumo energetico in stato di inattività
FR - Consommation d'énergie à l'état inactif
GB - Idle state power consumption
E - Consumo de energía
D - Leerlaufleistung
RU - Потребление энергии в режиме ожидания

INOX

IT - Diametro filo saldatura inox
FR - Diamètre fil de soudage inox
GB - Stainless steel welding wire diameter
E - Diámetro hilode soldadura acero inoxidable
D - Edelstahl Schweissdraht Durchmesser
RU - Диаметр проволоки для сварки нержавеющей тали

X 20°C

*AWELCO - NOT EN60974-1

IT - Fattore di servizio
FR - Facteur de marche
GB - Duty cycle
E - Ciclo de servicio
D - Einschaltdauer
RU - Соотношение прерывистости

η >80%

IT - Efficienza della saldatrice
FR - Efficacité de la source d'alimentation
GB - Power source efficiency
E - Eficiencia de la fuente de alimentación
D - Effizienz der Stromquelle
RU - Эффективность источника питания

ALU

IT - Diametro filo saldatura alluminio
FR - Diamètre fil de soudage alluminium
GB - Aluminium welding wire diameter
E - Diámetro hilode soldadura aluminio
D - Alu Schweissdraht Durchmesser
RU - Диаметр проволоки для сварки алюминия

21S IP

IT - Grado di protezione
FR - Degré de protection
GB - Protection degree
E - Grado de proteccion
D - Schutzgrad
RU - Степень защиты

NO FUSE

IT - Nessun fusibile
FR - Pas de fusible
GB - No Fuse
E - Sin fusible
D - keine Sicherung
RU - Нет предохранителя

I EFF

IT - Corrente efficace
FR - Courant Efficace
GB - Effective current
E - Corriente eficaz
D - Effektiver Strom
RU - Эффективный ток

I2

IT - Corrente media
FR - Courant moyen
GB - Average current
E - Corriente media
D - Durchschnittlicher Strom
RU - Среднее значение тока

+ -

IT - Tensione di carica/avviamento
FR - Tension de charge et de demarrage
GB - Charge/starter voltage
E - Tensión de carga y de puesta en marcha
D - Lade/anlass Spannung
RU - Напряжение заряда/запуска

Ah

IT - Capacità della batteria
FR - Capacité de la batterie
GB - Battery capacity
E - Capacidad de la baterie
D - Kapazität der Batterie
RU - Макс холостое напряжение

CODE

IT - Codice
FR - Code
GB - Code
E - Código
D - Kode
RU - код

P MAX

IT - Potenza assorbita
FR - Puissance absorbée
GB - Absorbed power
E - Potencia absorbida
D - Leistungsaufnahme
RU - Поглощенная мощность

H W L

IT - Dimensioni
FR - Dimensions
GB - Dimensions
E - Dimensiones
D - Abmessungen
RU - Размеры

Vo

IT - Tensione a vuoto max
FR - Tension a vide max
GB - Max no load voltage
E - Tension en vacio max.
D - Leerlaufspannung
RU - Макс. холостое напряжение

IT - Quantità per box/masterbox
FR - Quantité par box/masterbox
GB - Quantity per box/masterbox
E - Cantidad por caja/caja master
D - Menge pro box/master
RU - Количество для бокса/мастер-бокса

I2 1 V/C

IT - Corrente di carica convenzionale
FR - Courant conventionnel de charge
GB - Rated charge current
E - Corriente de carga convencional
D - Konventioneller Ladestrom
RU - Ток конвенционального заряда

Kg

IT - Peso
FR - Poids
GB - Weight
E - Peso
D - Gewicht
RU - вес

I2[A] MIN MAX

IT - Campo regolazione
FR - Plage de réglage courant
GB - Current range corrente
E - Plage de réglage courant
D - Regelbereich
RU - Диапазон регулирования тока

BAR CODE

IT - Codice a barre
FR - Code barre
GB - Bar Code
E - Código barra
D - EAN Code
RU - EAN

BOOST

IT - Avviamento
FR - Démarrage
GB - Start
E - Arranque
D - Anlassen
RU - Пуск

IT - Quantità per pedana
FR - Quantité par palette
GB - Quantity per pallet
E - Cantidad por pallet
D - Menge pro Palette
RU - Количест в овпаллете

IT - Posizioni di regolazione
FR - Positions de reglage
GB - Adjustment positions
E - Posiciones de regulation
D - Schaltstufen
RU - Положение регулирования

IT - Volume scatola
FR - Volume carton
GB - Box volume
E - Volumen caja
D - Karton volume
RU - Объем упаковки

TECHNOLOGY



IT - Saldatura ad elettrodo
FR - Poste a souder MMA
GB - MMA welding machine
E - Equipos de soldadura MMA
D - MMA Schweissgerät
RU - Сварочный Аппарат MMA



IT - Saldatura al plasma
FR - Poste a souder plasma
GB - Plasma welding machine
E - Equipos de soldadura plasma
D - Plasma Schweissgerät
RU - Аппарат ДляПлазменной Резки



IT - Caricabatterie-Avviatore
FR - Chargeur-Demarreur
GB - Battery-charger-booster
E - Cargadores y ayuda dearranques
D - Ladegerät und Anlasser
RU - Пуско -Зарядное Устройство



IT - Bombole di gas ricaricabili
FR - Bouteilles de gaz rechargeables
GB - Rechargeable gas bottles
E - Botellas de gas recargables
D - Wiederaufladbare Gasflaschen
RU - многоразовые газовые баллоны



IT - Saldatura a TIG
FR - Poste a souder TIG
GB - TIG welding machine
E - Equipos de soldadura TIG
D - WIG Schweissgerät
RU - Сварочный Аппарат Тиг



IT - Saldatura Mig-Mag-Mog
FR - Poste a souder a fil continue
GB - Mig-Mag-Mog welding machine
E - Equipos de soldadura Mig
D - Mig-Mag-Mog Schweissgerät
RU - Сварочный Аппарат Миг-Маг-Мог



IT - Caricabatterie
FR - Chargeur de batterie
GB - Battery-charger
E - Cargadores y ayuda dearranques
D - Batterieladegerät
RU - Зарядное Устройство



IT - Avviatore
FR - Demarreur
GB - Booster
E - Aumentador de presión
D - Booster
RU - Бустер

PERFORMANCE



IT - Telecomando
FR - Télécommande
GB - Remote Control
E - Telecomando
D - Fernsteuerung
RU - Дистанционное Управление



IT - Riduttore 2 manometri
FR - Détendeur 2 manomètres
GB - 2 Gauges gas reducer
E - Regulador 2 manometros
D - Druckregler 2 Manometer
RU - ВКомплекте Газовый Ре
дуктор С Двумя Манометрами



GB - Ramp Burn Back, Timer On, Wire Speed
RU - Меню Выбора Режимов Сварки



IT - Facile da trasportare
FR - Facile à transporter
GB - Easy to carry
E - Fácil de transportar
D - leicht zu tragen
RU - легко переносить



IT - Regolazione velocità del filo
FR - Régulateur de la vitesse du fil
GB - Wire speed regulator
E - Regulador de velocidad de alambre
D - Drahtgeschwindigkeit-Regler
RU - Регулятор Скорости Подачи Проволоки



IT - Partenza Ad Alta Frequenza
FR - Amorçage Avec Hf
GB - High Frequency Start
E - Inicio Con Alta Frequencia
D - Hochfrequenzstart
RU - Высокочастотный Поджиг



IT - Termostato
FR - Thèrmostat
GB - Thermostatic Control
E - Termostado
D - Thermostat
RU - Термостатический Контроль



IT - Funzione tampone-Autospegnimento
FR - Fonction du tampon-Self control
GB - Buffer function-Self control
E - Function Tampon-Self Apagamiento
D - Buffer Funktion-Selbstausschaltungskontrolle
RU - Функция Буфера-Самоконтроль



IT - Trainafilo a 4 rulli
FR - Dévidoir de fil 4 roleaux
GB - Wirefeeder 4 reels
E - Alementador de hilo 4 rollos
D - Drahtvorschub mit 4 Räder
RU - 4 Ролика Подачи Проволоки



IT - Amperometro Analogico
FR - Ampèremètre Analogique
GB - Analogic Amperometer
E - Amperímetro Analogico
D - Analogisches Ammeter
RU - Амперметр



IT - Protezione da inversione di polarità
FR - Protection inversion de polarité
GB - Reverse polarity protection
E - Protección de polaridad inversa
D - Polarität Inversionsschutz
RU - Защита От Неправильной Полярности



IT - Connessione Diretta Torcia
FR - Connexion Directe
GB - Direct Connection Torch
E - Conexion Directa
D - Direktanschluss
RU - Несъемный Сварочный Пистолет



IT - 2 Induttanza
FR - 2 Inductance
GB - 2 Inductance
E - 2 Inductancia
D - 2 Induktivität
RU - 2 Катушки Индуктивности



GB - Burn Back, Pre-Gas, Timer On, Timer Off, 2t,4t, Wire Speed
RU - Меню Выбора Режимов Сварки



IT - Accessori Inclusi
FR - Accessoires Complete
GB - Accessories Included
E - Accessorios Completos
D - Zubehör Inklusive
RU - С Аксессуарами



IT - Hot Start
FR - Hot Start
GB - Hot Start
E - Hot Start
D - Hot Start
RU - Функции Горячего



IT - Anti Stick
FR - Anti Stick
GB - Anti Stick
E - Anti Stick
D - Anti Stick
RU - Предотвращения Залипания Электрода



IT - Arc force
FR - Arc force
GB - Arc force
E - Arc force
D - Arc force
RU - Модуляция Сварочного Тока



IT - Ventilata
FR - Ventilateur
GB - Fan
E - Ventilador
D - Ventilator
RU - Вентилятор



IT - Gas / No Gas
FR - Gaz / Pas de gaz
GB - Gas / No Gas
E - Gas / No Gas
D - Gas / kein Gas
RU - Газовая/ Безгазовая Сварка



IT - Trainafilo A 2 Rulli Dentati
FR - Dévidoir De Fil 2 Roleaux Denté
GB - Wirefeeder 2 Gear Reels
E - Alimentador 2 Rollos Engranaje
D - Drahtvorshub Mit 2 Zahnrädern
RU - 2 Ведущих Ролика Подачи Проволоки



GB - Lifting arc
RU - Сварка На Поднятой Дуге



IT - Ganci di sollevamento
FR - Crochets de soulévement
GB - Lifting Hooks
E - Ganchos De Sublevación
D - Hebehaken
RU - Крючки Для Подъема



IT - Carica Lenta
FR - Charge lente
GB - Slow Charging
E - Carga Lenta
D - Langsame Ladung
RU - Медленная Зарядка



IT - Carica Veloce
FR - Charge Rapide
GB - Fast Charging
E - Carga Veloz
D - Schnelle Ladung
RU - Быстрая Зарядка



IT - Kit ruote
FR - Kit roulant
GB - Wheel kit
E - Kit ruedas
D - Räder kit
RU - Оснащен Колесами



IT - Attacco Torcia “Euro”
FR - Connecteur Torche “Euro”
GB - “Euro”Torch Connector
E - Enchufe Antorcha Euro
D - “Euro” Brenner Anschluss
RU - Евро-Разъем



IT - Avvolgimenti in rame
FR - Bobinage en cuivre
GB - Copper windings
E - Bobinaje en cobre
D - Kupfer wicklungen
RU - Аппарат Для Плазменной Резки



IT - Riduttore
FR - Regulador
GB - Gas Reducer
E - Regulador
D - Druckregler
RU - Редуцировать газ



IT - Presa
FR - Prise
GB - Socket
E - Enchufe
D - Steckdose
RU - Разъем



IT - Presa
FR - Prise
GB - Socket
E - Enchufe
D - Steckdose
RU - Разъем



IT - Presa
FR - Prise
GB - Socket
E - Enchufe
D - Steckdose
RU - Разъем



IT - Filo Animato
FR - Fil Fourré
GB - Flux Cored Wire
E - Hilo Animado
D - Fülldrahtrolle
RU - Порошковая Электродная Проволока



IT - Torcia senza tensione
FR - Torche complètement isolé
GB - No Voltage On Torch
E - Antorcha Aislada
D - Keine Spannung auf dem Brenner
RU - Сварочный ПистолетНе
Находится ПодНапряжением



IT - Uscita 70v Basica
FR - Sortie 70v Basique
GB - Basic 70v Exit
E - Salida 70v Basica
D - Ausgangsklemme 70v
RU - Базовый Выход 70в



IT - Temperatura Media 20°
FR - Température Moyenne 20°
GB - Average Temperature 20°
E - Temperatura Promedio 20°
D - Durchschnitt Temperatur 20°
RU - Средняя Температура 20°



IT - Accumulatore di energia
FR - Banque d'alimentation
GB - Power bank
E - Banco de energía
D - Powerbank
RU - Внешний аккумулятор



IT - Luce
FR - Lumière
GB - Light
E - Ligero
D - Hell
RU - Светлый



IT - Indicatore BAR
FR - Indicateur BARRE
GB - BAR indicator
E - Indicador de BARRA
D - BAR-Anzeige
RU - Индикатор BAR



IT - Riduttore 1 manometro
FR - 1 réducteur de manomètre
GB - 1 pressure gauge reducer
E - 1 reductor de manómetro
D - 1 Manometer-Reduzierstück
RU - 1 редуктор манометра

AWELCO PLUS



IT - Vernice Antigraffio
FR - Peinture Antichoc
GB - Anti-Scratch Paint
E - Pintura Antichoque
D - Kratzfester Lack
RU - Антивандальное Покрытие



IT - 32 Regolazioni
FR - 32 Réglages Du Courant
GB - 32 Regulation
E - 32 Regulaciones
D - 32 Regelung
RU - Сварочного Тока



IT - Doppio Amperometro
FR - Double Ampèremètre
GB - Double Ammeter
E - Doble Amperimetro
D - Doppelter Strommesser
RU - Два Амперметра



IT - Doppia Ventilazione
FR - Double Ventilation
GB - Double Fan
E - Doble Ventilacion
D - Doppelter Ventilator
RU - Два Вентилятора



IT - Carrozzeria Rinforzata
FR - Carrosserie Très Solide
GB - Renforced Body
E - Carroceria Renforzada
D - Druckregler
RU - Усиленный Корпус



IT - Accessoriabile Con Swf
FR - Il Peut Être Équipé Avec Dévidoir Séparé (Swf)
GB - Swf Ready
E - Equipable Con Arrastre Separado (Swf)
D - Swf Bereit
RU - Готов К Работе



IT - Telecomando 2 Pulsanti
FR - Télécommande À Deux Boutons
GB - 2 Buttons Remote Control
E - 2 Pulsante Telecomando
D - 2 Druckknopf Fernsteuerung
RU - Дистанционное Управление С Двумя
Кнопками



IT - Torcia Con Molloni
FR - Torche Avec Ressort De Protection
GB - Sprin On Torch
E - Antorcha Con Resortes De Proteccion
D - Gebläselampe Mit Klammern
RU - Предохранение Предохранение От
Излома Кабеля



IT - Indicatore Di Velocità
FR - Indicateur Vitèsse
GB - Speed Indicator
E - Indicador De Velocidad
D - Geschwindigkeitsanzeiger
RU - Индикатор Скорости Подачи Проволоки



IT - Accessori Montati
FR - Accessoires Montés
GB - Accessoried Assembled
E - Accessorios Montados
D - Montierte Zubehörteile
RU - Комплектующие Установлены



IT - Collegabile Al Gruppo Elettrogeno
FR - Connectable Au Groupe Électrogène
GB - Power Generator Connectable
E - A Generadores De Corriente
D - Connectable
RU - Адаптирован Для Подключеня
К Генератору



IT - Pinze Anti-Shock
FR - Pinces Anti-Choc
GB - Shock Clamp
E - Pinzas Anti-Choque
D - Anti-Shock Klemme
RU - Изолированный Зажим

Choose the best for your needs!

DESCRIPTION	CODE	50-60Hz	Vo	A MAX	X%/I2[A] 40° EN 60974-1	P MAX kVA	P MAX kW	kVA	PAGE
EXTRA 170	50045R	230V~1ph	60	160 A	30/160	5,3	4	8,0	10
EXTRA 200	50075R	230V~1ph	60	200 A	30/200	6,6	4,9	10,0	10
ANTARES 130	50130	230V~1ph	73	130 A	20/130	5,9	3,9	9,0	11
ANTARES 160	51160	230V~1ph	86	160 A	15/160	6,5	5	10,0	11
ANTARES 200	51200	230V~1ph	84	200 A	15/200	8,7	6,8	13,5	11
IRIS 150	61235	230V~1ph	70	140 A	10/140	5,7	4,3	9,0	12
IRIS 180	61245	230V~1ph	82	160 A	10/160	6,8	5,2	10,5	12
IRIS 220	61275	230V~1ph	71	200 A	10/200	8,7	6,8	13,5	12
MEGA 150	62235	230V~1ph	60	130 A	10/130	5,2	3,9	8,0	13
MEGA 180	62245	230V~1ph	82	160 A	15/160	6,8	5,2	10,5	13
MEGA 220	62275	230V~1ph	71	200 A	15/200	8,7	6,8	13,5	13
MIKRO 164	66264	230V~1ph	70	140 A	20/140	5,7	4,3	9,0	14
MIKRO 184	66284	230V~1ph	82	160 A	20/160	6,8	5,2	10,5	14
MIKROTIG 150	68250	230V~1ph	70	140 A	20/140	5,7	4,3	9,0	15
MIKROTIG 170	68270	230V~1ph	82	160 A	20/160	6,8	5,2	10,5	15
MIKROTIG 200	68300	230V~1ph	71	200 A	20/200	8,7	6,8	13,5	15
EASYMIG 120	58816	230V~1ph	58	MIG 120 A MMA 120 A TIG 120 A	MIG 15/120 MMA 13/120 TIG 13/120	MIG 4,1 MMA 4,9 TIG 3,2	MIG 3,0 MMA 3,6 TIG 2,3	7,3	18
EASYMIG 130	58820	230V~1ph	56	MIG 130 A MMA 100 A TIG 100 A	MIG 30/130 MMA 30/100 TIG 30/100	MIG 4,3 MMA 3,7 TIG 2,4	MIG 3,3 MMA 2,9 TIG 1,7	6,5	19
EASYMIG 160	58830	230V~1ph	56	MIG 150 A MMA 120 A TIG 120 A	MIG 30/150 MMA 30/120 TIG 30/120	MIG 5,1 MMA 4,6 TIG 3,1	MIG 3,9 MMA 3,5 TIG 2,2	8,0	19
EASYMIG 180	58840	230V~1ph	56	MIG 170 A MMA 140 A TIG 140 A	MIG 30/170 MMA 30/140 TIG 30/140	MIG 6,0 MMA 5,5 TIG 3,6	MIG 4,6 MMA 4,3 TIG 2,7	9,0	19
MIKROMIG 1800	59840	230V~1ph	56	MIG 170 A MMA 140 A TIG 140 A	MIG 30/170 MMA 30/140 TIG 30/142	MIG 6,0 MMA 5,5 TIG 3,8	MIG 4,6 MMA 4,3 TIG 2,9	9,0	20
MIKROMIG 2000	59850	230V~1ph	55	200 A	15/200	MIG 7,6 MMA 8,8 TIG 6,1	MIG 6,0 MMA 6,8 TIG 4,7	13,5	21
PLASMA 40	53185	230V~1ph	270	40 A	20/40	5,8	4,9	9,0	24
ARC 160	51916	230V~1ph	60	140 A	20/140	5,9	4,5	9,0	48
ARC 180	51918	230V~1ph	60	160 A	20/160	6,9	5,3	10,5	48
ARC 250	51925	230V~1ph	65	200 A	20/200	8,5	7	13,0	48
Plus 210	55721	230V~1ph	90	200 A	40/200	8,5	6,5	13,0	50
Plus 250 TIG LIFT	55725	230V~1ph	65	220 A	40/220	9,6	7,4	14,5	51
ATLAS 160	55861	230V~1ph	82	160 A	40/160	MMA 6,5 TIG 4,3	MMA 5,0 TIG 3,2	9,7	52
ATLAS 180	55866	230V~1ph	71	180 A	40/180	MMA 7,5 TIG 5,1	MMA 5,8 TIG 3,9	11,2	52
ATLAS 200	55871	230V~1ph	84	200 A	40/200	MMA 8,7 TIG 5,1	MMA 6,8 TIG 4,5	13,0	52
PRESIDENT 350	58550	400V~3ph	72	320 A	60/320	13,8	13,8	21,0	53
PRESIDENT 500	58600	400V~3ph	80	500 A	60/500	25,3	25,2	38,0	53

Choose the best for your needs!

DESCRIPTION	CODE	V 50-60Hz	Vo	A MAX	X%/I2[A] 40° EN 60974-1	P MAX kVA	P MAX kW	kVA	PAGE
MULTI MIKRO 160	59065	230V~1ph	MIG 72 MMA 72 TIG 13	MIG 160 A MMA 140 A TIG 140 A	MIG 20/160 MMA 20/140 TIG 20/140	5,5	4,2	8,5	56
MULTI MIKRO 200	59095	230V~1ph	MIG 87 MMA 87 TIG 13	200 A	20/200	8,2	6,7	12,5	57
SMARTMIG 2200	59190	230V~1ph	65	200 A	30/200	MIG 8,2 MMA 9,6 TIG 6,2	MIG 5,8 MMA 6,4 TIG 4,4	14,5	58
DOUBLE PULSE MIG 2500	59210	230V~1ph	MIG 60 MMA 60 TIG 11	200 A	MIG 30/200 MMA 20/180 TIG 20/180	MIG 7,6 MMA 7,1 TIG 5,2	MIG 5,8 MMA 5,5 TIG 3,7	11,5	59
TRIS 250	N18190	230V~1ph	MIG 87 MMA 87 TIG 13	MIG 240 A MMA 200 A TIG 200 A	MIG 20/240 MMA 30/200 TIG 30/200	MIG 9,5 MMA 8,7 TIG 6,3	MIG 7,4 MMA 6,8 TIG 4,9	14,5	60
SYNERGY 250	N18200	230V~1ph	65	200 A	30/200	MIG 8,5 MMA 10 TIG 6,5	MIG 5,8 MMA 6,4 TIG 4,4	12,5	61
TRIS 280	N18445	400V~3ph	75	250 A	60/250	MIG 10,2 MMA 11,2	MIG 7,5 MMA 8,4	16,8	62
TRIS 400	N18475	400V~3ph	75	350 A	60/350	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	24,0	62
TRIS 500	N18485	400V~3ph	75	400 A	60/400	MIG 21,3 MMA 20,0	MIG 17,3 MMA 16,6	32,0	62
UNIMIG 350	N18510	400V~3ph	74	350 A	60/350	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	24,0	64
UNIMIG 500	N18520	400V~3ph	74	500 A	60/500	MIG 25,5 MMA 24,9	MIG 22,4 MMA 13,7	38,2	64
UNIMIG 350 SWF	N18610	400V~3ph	74	350 A	60/350	MIG 15,9 MMA 16,0	MIG 12,9 MMA 13,3	24,0	65
UNIMIG 500 SWF WATER COOLED	N18620	400V~3ph	74	500 A	60/500	MIG 25,5 MMA 24,9	MIG 22,4 MMA 13,7	38,2	65
MIG 350 SWF SYNERGIC PULSE	N18715	400V~3ph	77	350 A	100/350	18		27,0	66
MIG 500 SWF SYNERGIC PULSE	N18720	400V~3ph	80	500 A	100/500	27		40,5	66
MIG 550 SWF SINERGIC DOUBLE PULSE	N18750	400V~3ph	97	500 A	100/500	26	22	39,0	68
TIG 200 I HF-DC PULSE	58195	230V~1ph	70	MMA 160 A TIG 200 A	MMA 20/160 TIG 17/200	MMA 6,9 TIG 6,4	MMA 5,2 TIG 4,8	12,0	70
TIG 200 AC/DC PULSE	58021	230V~1ph	52	200 A	MMA 20/170 (AC - DC) TIG 35/200 (AC) TIG 40/170 (DC)	MMA 8,6 TIG 6,0	MMA 8,9 TIG 6,4	13,0	71
TIG 210 AC/DC PFC	58201	230V~1ph	MMA 94 TIG 62	MMA 160 A TIG 210 A	MMA 35/160 TIG 35/210	MMA 5,6 TIG 5,7	MMA 5,6 TIG 5,8	9,0	72
TIG 320 AC/DC	58320	400V~3ph	72	320 A	MMA 20/320 TIG 35/320	MMA 12 TIG 8,5	MMA 7,6 TIG 6,3	18,0	73
GLOBAL 300	53210	230V~1ph	MIG TIG MMA 72 PLASMA 270	TIG 200 A MMA 160 A MIG 200 A PLASMA 40 A	TIG 30/200 MMA 35/160 MIG 25/200 PLASMA 40/40	8		12,0	78
PLASMA 40K	53189	230V~1ph	270	40 A		5,8	4,9	9,0	82
PLASMA 80	53080	400V~3ph	320	320 A	60/80	14		21,0	83
PLASMA 120	53100	400V~3ph	320	320 A	60/100	17,8		27,0	83

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