

AUTOMOTIVE

LEADER NELLA CARROZZERIA



LEADER IN COLLISION REPAIR

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APPR



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mazda



Mercedes-Benz



MATERIELS ET
EQUIPEMENTS
D ATELIER

LEADER IN COLLISION REPAIR

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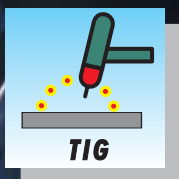
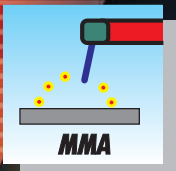
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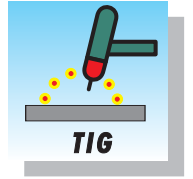
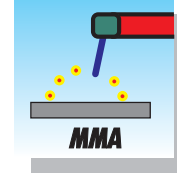
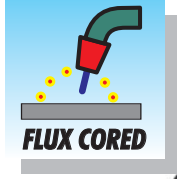
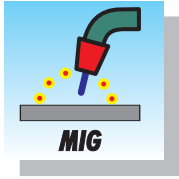
MIG - MMA - TIG

TRI STAR



Multipurpose inverter welding machine
Multifunktionale inverter Schweißanlage





TRI STAR MIG 1635/M				SPECIFICATIONS
ART	MIG/MAG	DC TIG	MMA	
	230V 50/60Hz			Single phase input
	5,0 kW	3,9 kW	4,8 kW	Max. installed power
	6,7 kVA	5,1 kVA	6,2 kVA	Input power
	15 ÷ 160A	5 ÷ 160A	10 ÷ 130A	Current range
	160A 35% 120A 60% 100A 100%	160A 35% 120A 60% 100A 100%	130A 45% 115A 60% 100A 100%	Duty Cycle (10 min.-40°C) EN 60497.1
	0,6/0,8/1 Fe 1,0 Al 0,8Inox/CuSi3% 0,9Flux cored	-	-	Ø Wire size that can be used
	Ø 200 - 5 Kg	-	-	Max wire spool size
	-	-	Ø 1,5 - Ø 3,25	Electrodes that can be used
	ELECTRONIC			Stepless regulation
	IP 23			Protection class
	●			For use in areas of increased hazard of electric shock
	12,5 Kg			Peso Weight
	207x437x411			Dimensioni Dimensions



TRI-STAR is a single-phase multipurpose inverter power source, suitable for MIG/MAG, MMA (stick electrode) and TIG (with "Cebora lift ignition") welding. Cebora developed it with the concept of applying mobility and multipurpose to welding.

The simple and user friendly control panel allows quick process selection and displays the selection on the front panel, (MIG/MAG, MMA and DC TIG).

In the MIG/MAG mode, it is possible to select a synergic program according to the wire type and diameter as well as the shielding gas to be used. The power source has 11 synergic curves optimized for steel (Ø 0.6 - 1), stainless steel (Ø 0.8), aluminium (Ø 1), MIG brazing (Ø 0.8) and flux cored wire (Ø 0.9). The synergic programs for steel allow working with either mixed gasses or 100% CO₂.

A dedicated control is provided for fine tuning the arc length.

The MIG/MAG torch is specific for this power source and is also available in a special version for use mainly with flux-cored wire (art.1276).

In the MMA welding mode, the power source can weld electrodes up to Ø 3.25.

The TRI-STAR, with its low weight and compact dimensions, added to its multi-process capability of welding in MIG/MAG, TIG and MMA mode make this an ideal machine for maintenance, repair, installation and on site welding. Of course the Tri-Star is a great workshop tool also!

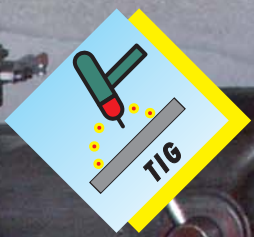
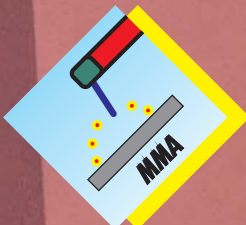
The low electrical input from a single phase supply make the use of this machine possible in a wide range of the environments.






FLUX CORED


MIG



MIG - MMA - TIG



Art. 283

Art. 1659

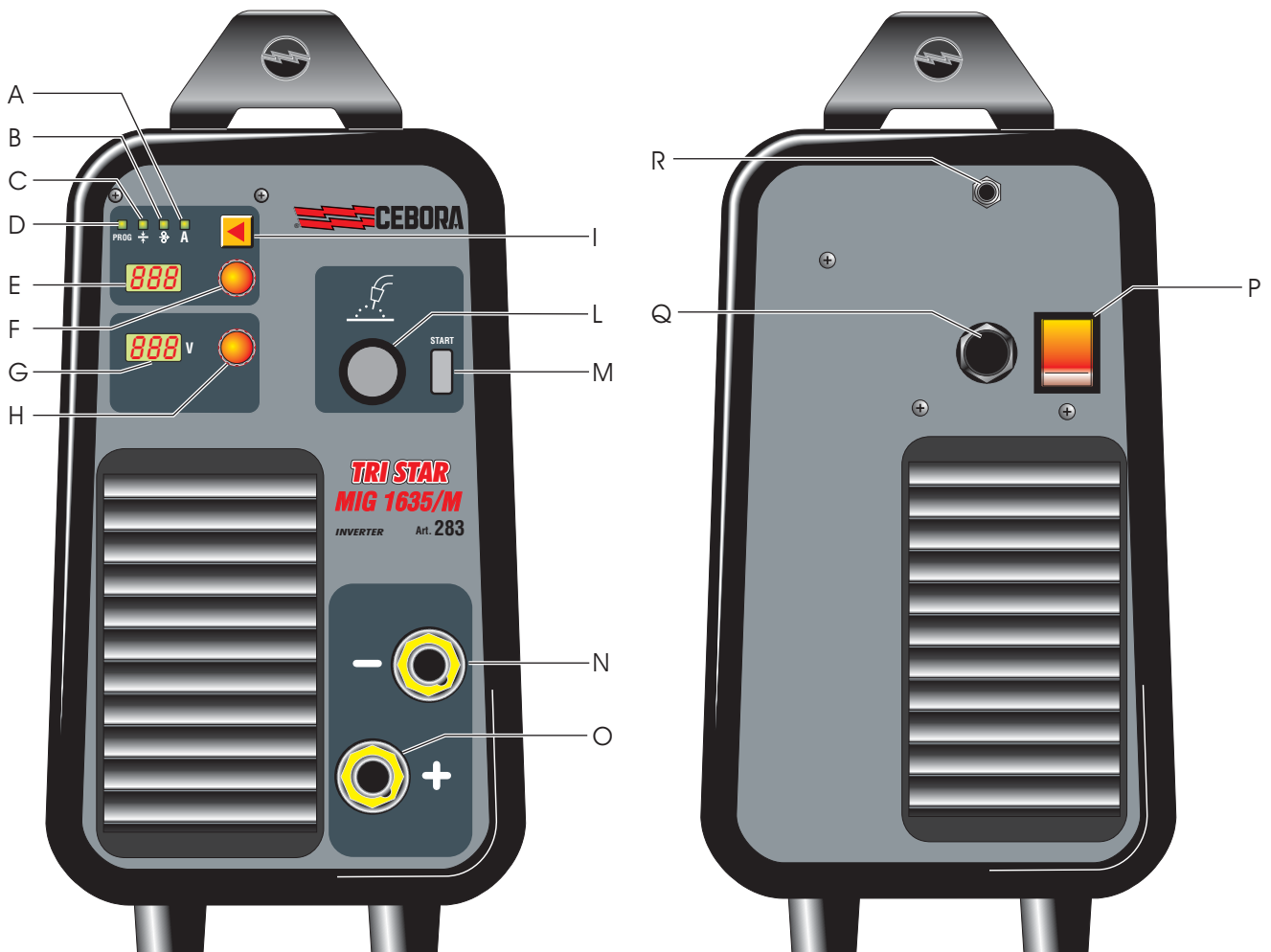
Trolley Art. 1659, easy to handle and light, is suitable for transportation of one or two power sources (for instance a multifunction 283 and a Power Plasma 3100, art. 296) and a 180 mm Ø cylinder.



This trolley, which is fitted with a closed storage compartment and two cable winders (for the torch and the earth cable), is also suitable for transportation of small TIG inverters.

283 TRI STAR MIG 1635/M

	DESCRIZIONE DESCRIPTION
	Welding current LED.
B	Wire speed LED.
C	Thickness LED.
D	Programs LED.
E	Welding current and selections display.
F	Welding current regulator knob.
G	Welding voltage display.
H	Welding voltage regulator knob.
I	A, B, C or D LED selection key.
L	Central adapter.
M	2-pin socket.
N	Output terminal (-).
O	Output terminal (+).
P	Mains power switch.
Q	
R	



ACCESSORI-ACCESSORIES-ZUBEHÖR-ACCESSOIRES-ACCESORIOS-ACESSÓRIOS



Art. 1275



Art. 1276



Art. 1277



Art. 1281.04



Art. 1450



Art. 1567.01



Art. 1656



Art. 1659



Art. 1934

ART.	DESCRIPTION
	Torcia CEBORA MIG 280 A - m 3. 3 m (9 ft) CEBORA MIG 280 A torch.
1276	"PROFESSIONAL" CEBORA Mig torch. -3 m (9 ft) (Special for flux cored wire).
1277	
1281.04	TIG torch [CEBORA SR 17] with control button - 4m. (From serial number 100316. For former numbers, upgrade the software by means of the kit art. 136).
1450	<input type="checkbox"/> Electrode gun with 5 m cable of 16 mm <input type="checkbox"/> 3 m. earth cable of 16 mm <input type="checkbox"/> Mask with glasses. <input type="checkbox"/> Hammer and steel brush.
1567.01	Flowmeter, 2 gauges.
1656	CEBORA TIG 150 torch, 4 m. without START con- nector.
1659	Power source cart.
1934	Power source cart. Aluminium welding kit.

CEBORA reserves the right of modifying the technical specifications of the products included in this catalogue without notice.

MIG MAG

POS.	DESCRIZIONE DESCRIPTION
A	Thermostat LED.
B	Knob to adjust the wire speed and synergic curve parameters.
C	LED indicating the spot-welding function.
D	Spot welding time knob.
E	Central adapter for welding torch.
F	Earth clamp socket.
G	Welding current display.
H	Led indicating the "pulsed synergic" program.
I	Knob to adjust the welding voltage and voltage within the synergic curve.
L	LED indicating the continuous welding function.
M	LED indicating the stitch function.
N	Pause time setting knob.
O	Welding mode selection key.
P	Choke adjustment knob.
Q	Current program display.
R	Program selection key.
S	PUSH-PULL connector.



LEADER IN COLLISION REPAIR



THE EVOLUTION OF THE AUTOMOTIVE MARKET

Fierce global competition in the automotive industry has always led auto makers to compete worldwide on issues of design, performance, and the specific technological content of their vehicle range. More recently parameters such as, for example, better protection of vehicles against corrosion, wear reduction, reduced weight, safety, and the recyclability of materials, have led auto makers to consider using new materials in the manufacturing process (**galvanized sheet metal, aluminium and high-strength steel**).

Galvanized sheet metal, which provides excellent protection for vehicles against corrosion, has thus become increasingly widespread in automotive manufacturing.

Later, beginning in the Eighties/Nineties, some auto makers began to introduce the use of **aluminium**- a material lighter than steel, not subject to rust, pliable, highly recyclable, etc. - which until then had only been occasionally used for body panels in a few new car models, in the structural parts of the vehicle as well (the Audi A8 was the first standard car model with an all-aluminium body).

As a "response" to the use of aluminium, steel manufacturers have recently made **new types of high-strength steel (HSS, EHSS, UHSS, Boron Steel, etc.)** available to the automotive industry. These offer excellent performance and a much lower weight compared to traditional steel (cars such as the Porsche Cayenne and the Volvo V50 are currently built by assembling various types of high-strength steel together).



CEBORA'S RESPONSE

In the current landscape, thus consisting of automotive models built using not only galvanized sheet metal but increasingly aluminium and high-strength steel as well, today's body mechanic needs more and more skills, technologies and dedicated equipment in order to carry out repairs on cars made, all or in part, of these materials.

As leader in the bodywork sector, to which it has always dedicated considerable and ongoing attention and commitment, CEBORA has developed power sources specifically designed for both plasma cutting and welding the new materials. Today it can thus offer a complete range of models-synergic and pulsed, with electronic and inverter technology - dedicated to brazing and welding galvanized sheet metal and high-strength steel, welding aluminium, plasma cutting all new materials, as well as both standard spotters and those dedicated to aluminium.

There are many variables involved in designing power sources, related to the specific qualities of the new materials, all of which CEBORA carefully assesses and analyzes, especially in terms of the proper welding process.

Aluminium, for example, has a higher conductivity and thermal dilation than steel, greater surface electrical resistance (due to the presence of alumina), which make it essential to have precision electronic control of the welding parameters to ensure excellent repairs. **Galvanized sheet metal** requires brazing and welding, a process that takes place at working temperatures considerably lower than those used for traditional MAG welding. This process prevents the protective layer of zinc from evaporating from the metal during welding, thus ensuring effective vehicle repair. The new **high-strength steel** requires both a welding mode that does not damage or weaken the special physical characteristics of the material during repairs, as well as appropriate cutting tools that are adequately fast and versatile (such as plasma).

CEBORA's constant attention to developments in the automotive market, study of the materials used, testing of the most suitable welding and cutting procedures, and structured global sales network, allow the company to offer its customers worldwide the most technologically advanced power sources capable of ensuring excellent quality body repairs.

A constant commitment to research and development that has also allowed CEBORA generators to be approved or recommended by a growing number of auto makers around the world.

285 - SOUND MIG 2035/M PULSE



Photo of **Sound MIG 2035/M Pulse** power source in standard version (wire reel Ø 200 mm) on trolley Art. 1432.



Photo of **Sound MIG 2035/M Pulse** power source with additional kit, wire reel holder Ø 300 mm (Art. 128) fitted on specific trolley Art. 1656

MIG-MAG

SOUND MIG 2035/MD		SPECIFICATIONS
ART	286	
	230V 50/60 Hz	Single phase input
	5,5 KW	Max. installed power
	7,4 KVA max	Input power
	15A ÷ 200A	Current adjustment range
	200A 35% 160A 60% 145A 100%	Duty Cycle (10 min.40°C)-EN 60974.1
	ELECTRONIC	Stepless regulation
	0,6/0,8/1 Fe-Inox 0,6/0,8/1/1,2 Al 0,8/1 CuSi3% 0,8/1 CuAl8%	Wire sizes that can be used
	Ø 200 mm-5Kg Ø 300 mm-15kg	Max. wire spool size
	IP23	Protection class
	•	Authorized for use in areas of increased hazard of electric shock
	20Kg	Weight
	260x458x471	Dimensions



SOUND MIG 2035/M

This is a single-phase inverter power source for MIG/MAG, SYNERGIC, PULSED and DOUBLE PULSED SYNERGIC welding, with the Cebora wire feed unit featuring 2 aluminium rollers.

Thanks to the optional cooling unit, it is especially suited for use in small- and medium-sized metal carpentry projects (particularly for welding stainless steel and aluminum) and in the automotive industry (where it is recommended for brazing and welding galvanized sheet metal and high-resistance steel, and for welding aluminum).

Two different types of torches can be used, Standard Mig and Cebora Push Pull, as well as two types of wire reels: Ø 200 (standard version with trolley Art. 1432) and Ø 300 (with wire reel kit Art. 128 and trolley Art. 1656).

The power source features a broad range of memory stored synergic curves representing the most common welding operation conditions; new synergic curves can be added to the memory later, by means of a simple upgrade procedure, without the direct intervention of Cebora.

Art. 286



MIG-MAG

POS.	DESCRIPTION
B	Thermostat LED.
C	Knob to adjust the wire speed and synergic curve parameters.
D	LED indicating the spot-welding function.
E	Spot welding time knob.
F	Central adapter for welding torch.
G	Earth clamp socket.
H	Welding current display.
I	Led indicating the "pulsed synergic" program.
L	Knob to adjust the welding voltage and voltage within the synergic curve.
M	LED indicating the continuous welding function.
N	LED indicating the stitch function.
O	Pause time setting knob.
P	Welding mode selection key.
Q	Choke adjustment knob.
R	Current program display.
S	Program selection key.
S	PUSH-PULL connector.



286 - SOUND MIG 2035/MD DOUBLE PULSE



Photo of the power source **SOUND MIG 2035/MD Double Pulse** in complete version with \varnothing 300 mm coil kit (art. 128), cooling unit GR53, on trolley art. 1656.



Photo of the optional cooling unit GR53, art. 1341.

282 - JAGUAR DOUBLE PULSE MIG 2035/MD



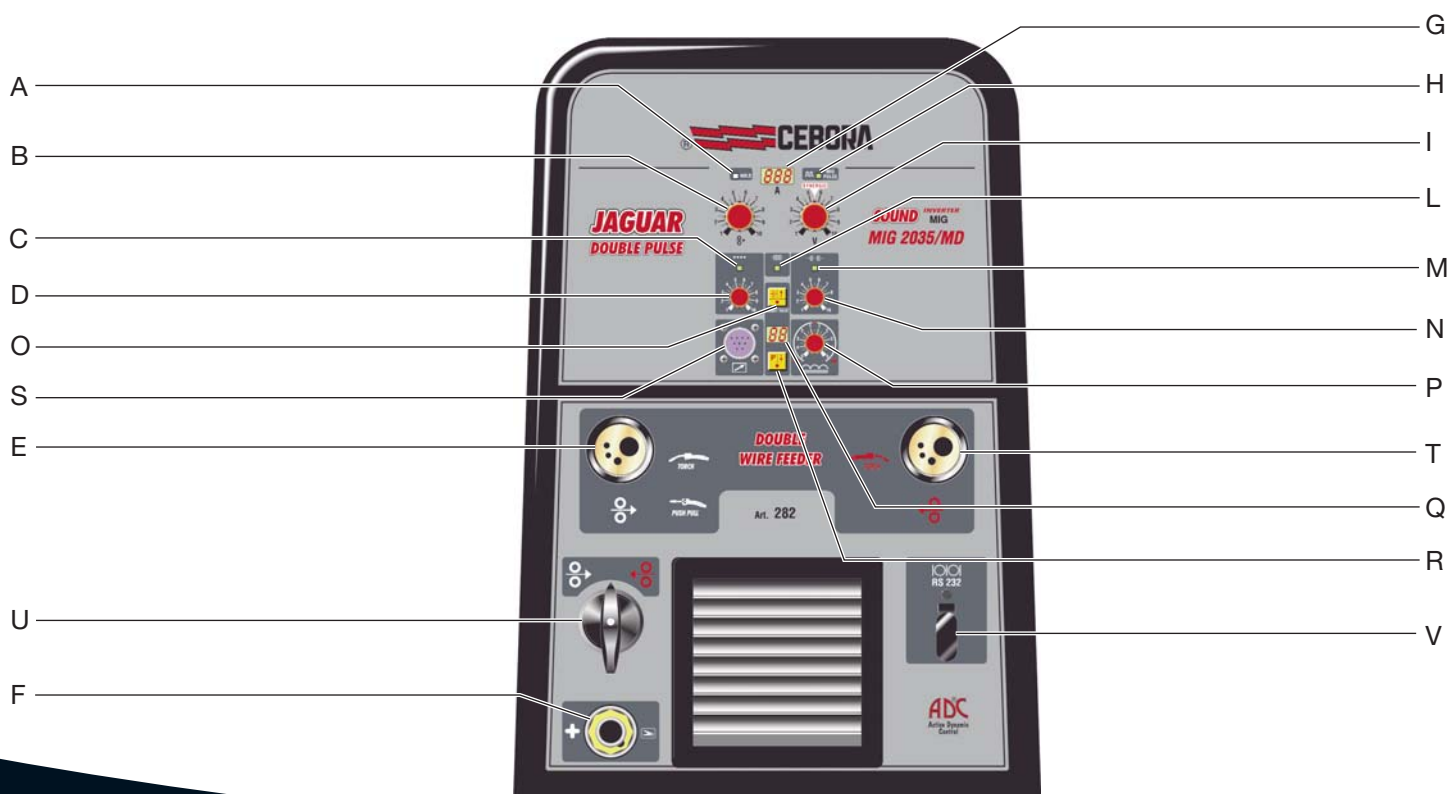
The new Jaguar Double Pulse, art. 282, is a MIG-MAG inverter

welding machine, with pulse and double pulse functions, representing the design evolution of the first Cebora Jaguar in light of the best technologies available on the market today. It is a synergic inverter power source capable of welding and brazing any kind of metal. Thanks to the presence of 2 separate gearmotors, which make it possible to use 2 separate reels, it can therefore keep 2 different types of torch mounted simultaneously with different wires, as well as use special torches such as the Push-Pull. The Jaguar Double Pulse also makes it possible to optionally use the cooling unit art. 1683. The Jaguar Double Pulse is the ideal response to the body's needs, faced with the increasingly widespread availability on the market of vehicles made completely, partly, or simultaneously of materials such as galvanized sheet metal, high-strength steel and aluminium alloys.

282 - JAGUAR DOUBLE PULSE MIG 2035/MD

POS.	DESCRIPTION
A	Thermostat LED.
B	Knob to adjust the wire speed and synergic curve parameters.
C	LED indicating the spot-welding function.
D	Spot welding time knob.
E	Central adapter.
F	Earth clamp socket.
G	Welding current display.
H	Led indicating the "pulsed synergic" program.
I	Knob to adjust the welding voltage and voltage within the synergic curve.
L	LED indicating the continuous welding function.
M	LED indicating the stitch function.
N	Pause time setting knob.
O	Welding mode selection key.
P	Choke adjustment knob.
Q	Current program display.
R	Program selection key.
S	PUSH-PULL connector.
T	Central adapter.
U	Central adapter selector switch.
V	Connector for updating microprocessor software.

SOUND MIG 2035/MD		SPECIFICATIONS
ART	282	
	230V 50/60 Hz	Single phase input
	5,5 KW	Max. installed power
	7,4 KVA max	Input power
	15A ÷ 200A	Current adjustment range
	200A 35% 160A 60% 145A 100%	Duty Cycle (10 min.40°C)-EN 60974.1
	ELECTRONIC	Stepless regulation
	0,6/0,8/1 Fe-Inox 0,6/0,8/1/1,2 Al 0,8/1 CuSi3% 0,8/1 CuAl8%	Wire sizes that can be used
	Ø 200 mm-5kg Ø 300 mm-15kg	Max. wire spool size
	23 C	Protection class
	•	Authorized for use in areas of increased hazard of electric shock
	75kg	Weight
	588x952x990H	Dimensions



BRAO MIG-MAG



The new PULL 2003 torch (art. 2003) with digital current adjustment (up-down) allows us to weld all solid wires, especially aluminium wires with a diameter of 0.6/0.8/1.0, thanks to the feeder built into the grip and its unique internal design. The torch weighs just 970 grams and has a maximum width of 66 millimeters.

MIG-MAG

BRAVO	MIG 2020/M Combl	MIG 2235/T Combl	MIG 2540/T MULTWELD	SPECIFICATIONS
ART	572	573	577	
	230V 50/60 Hz			Single phase input
		230/400V 50/60 Hz	230/400V 50/60 Hz	Three phase input
	4,4 kW	4,5 kW	5,2 kW	Max. installed power
	5,7 KVA 20%	6,0 KVA 45% 4,6 KVA 60%	6,9 KVA 40%	Input power
	25A÷200A	15A÷220A	15A÷250A	Min. max. current that can be obtained in welding
	150A 20% 90A 60% 70A 100%	170A 45% 130A 60% 100A 100%	200A 40% 160A 60% 125A 100%	(10 min. 40° C) - IEC 60974.1
	1x7	1x7	2x6	Number of regulation steps.
	0,6/0,8 FE 0,6/0,8/1 AL 0,8 Inox/CuSi3% 0,9 CORED	0,6/0,8 FE 0,6/0,8/1 AL 0,8 Inox/CuSi3% 0,9 CORED	0,6/0,8/1 FE 0,6/0,8/1/(1,2) AL 0,8/1 INOX 0,8 Cu-Si 3%	Wire sizes that can be used.
	Ø 300 mm 15Kg.	Ø 300 mm 15Kg.	Ø 300 mm 15Kg.	Max. wire spool size
	•	•	•	Spot-welding
	•	•	•	With gas (solid wire)-No gas (flux cored wire)
	21 C	21 C	21 C	Protection class
	•	•	•	Authorized for use in areas of increased hazard of electric shock.
	51 Kg	53,5 Kg	76 Kg	Weight
	515 x 820 x 660	515 x 820 x 660	542 x 915 x 795	Dimensions

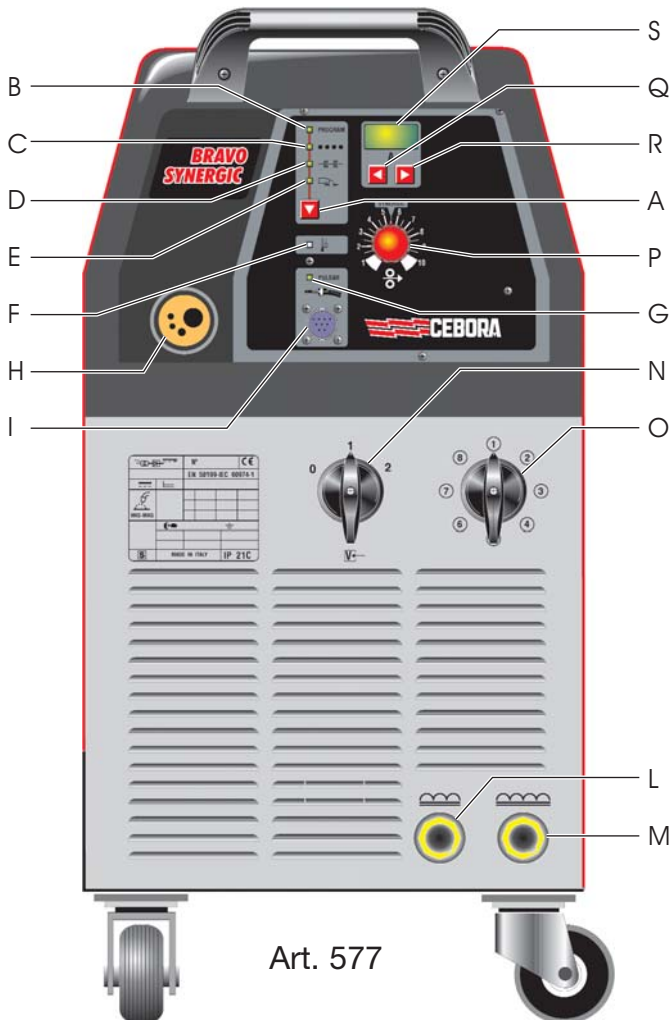


Photo of the two impedance connectors of the model 577. The two impedance connectors make it possible to maximize the welding process for all materials: specifically, the low impedance is recommended, for example, for **brazing and welding galvanized sheet metal and high-strength steel**, while the high impedance is best for **welding aluminium**.

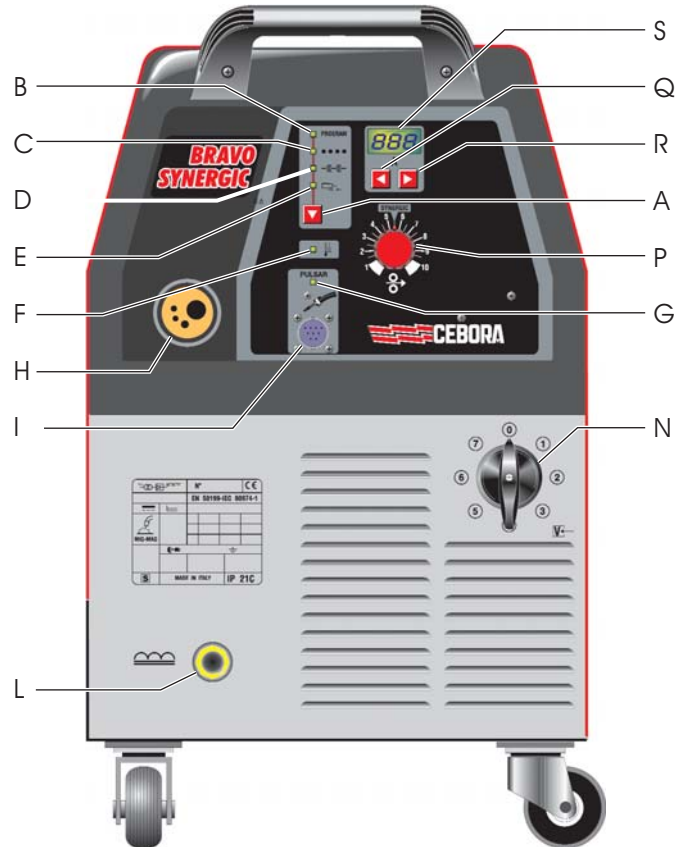


572-573-577 BRAVO SYNERGIC

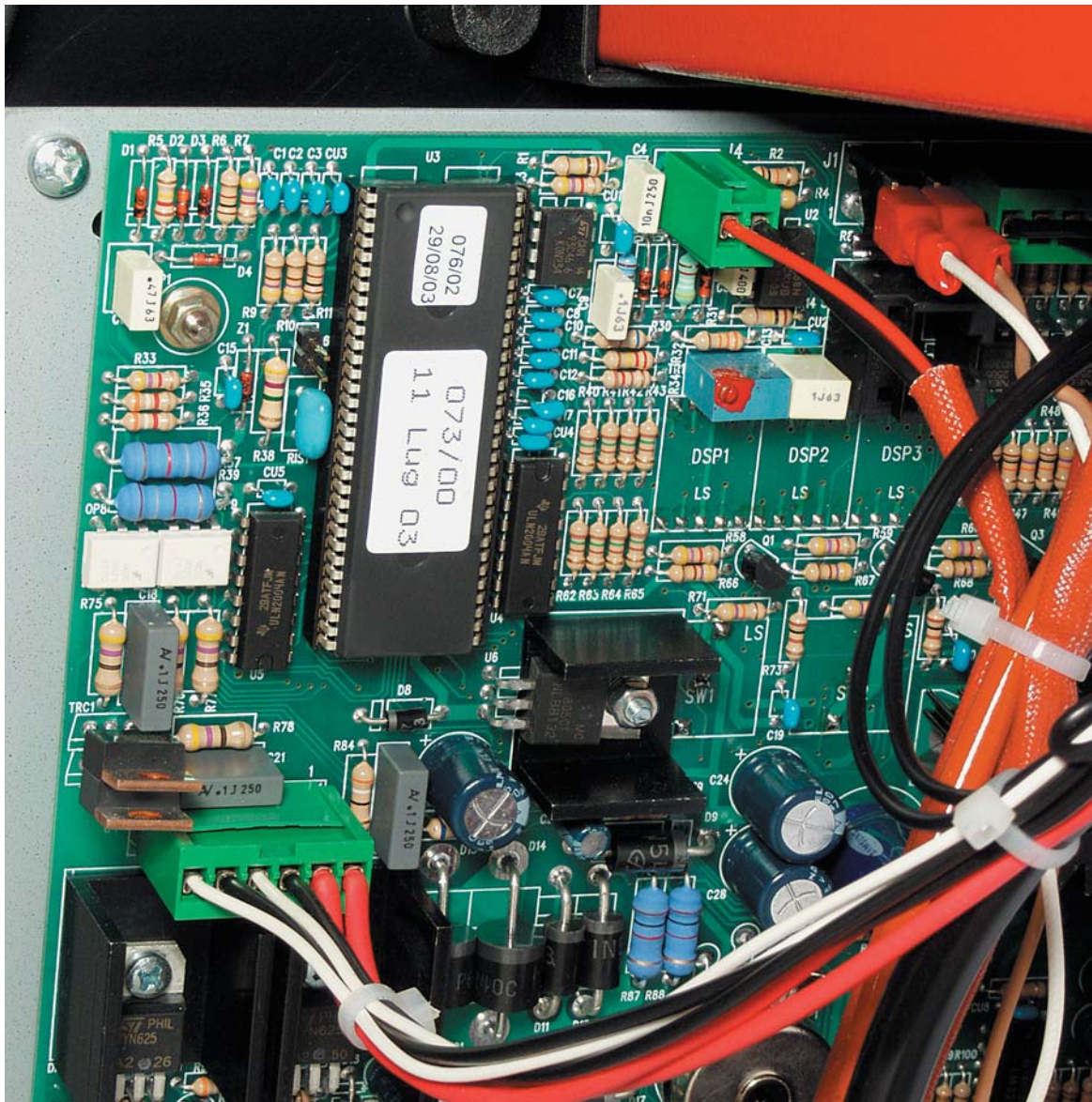
POS.	DESCRIPTION
	Selection key.
B	Welding programs indicator LED.
C	Spot welding time indicator LED.
D	Pause time indicator LED.
E	"Burn back" indicator LED.
F	Thermostat tripped indicator LED.
G	Spool-Gun and Push-Pull LED.
H	Central adapter for welding torch.
I	Spool-Gun and Push-Pull connector.
L-M	Impedance sockets.
N	Power supply switch and welding voltage ranges selection.
O	Welding voltage fine tuning.
P	Welding current adjustment.
Q-R	T Adjustment keys.
S	Display.



Art. 577



Art. 572-573

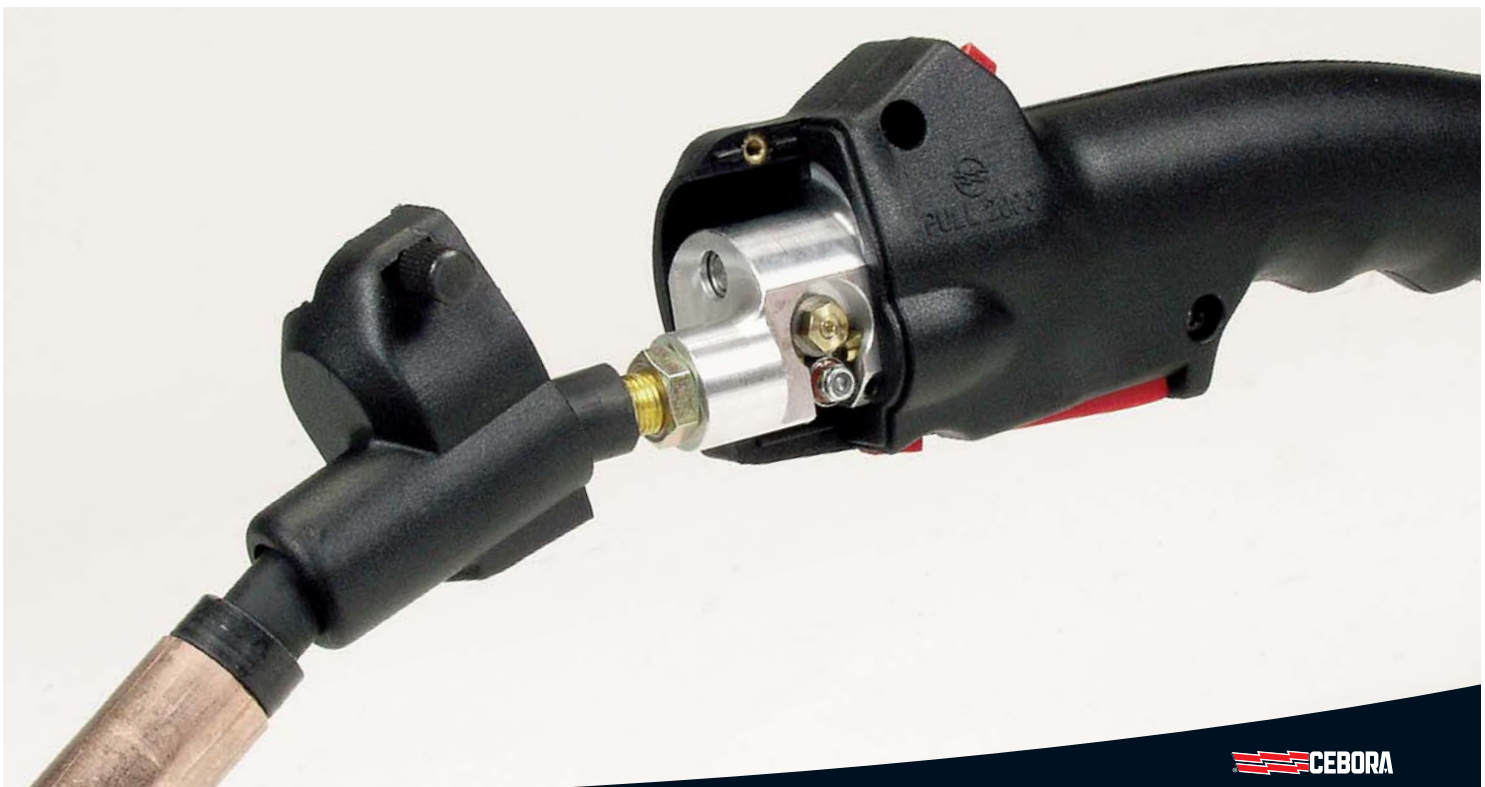


The **microprocessor** allows the synergic programs saved whenever Cebora develops new synergic curves, due to market availability of new blends of gases and/or new welding materials, to be upgraded via PC (art. 136). This microprocessor also provides a technical sub-menu to allow the user to adjust other functions such as, for example, post-gas, soft-start, etc.

2003 PUSH PULL TORCH



The new PULL 2003 torch (art. 2003) with digital current adjustment (up-down) allows us to weld all solid wires, especially aluminium wires with a diameter of 0.6/0.8/1.0, thanks to the feeder built into the grip and its unique internal design. The torch weighs just 970 grams and has a maximum width of 66 millimeters.



ART.	DESCRIZIONE DESCRIPTION	BESCHREIBUNG DESCRIPTION	DESCRIPCIÓN DESCRIÇÃO	282	285	286	572	573	577
128	Kit per bobine Ø 300 - Kg.15. Kit for 15 Kg Ø 300mm wire reels.	Kit für Drahtspulen Ø 300 - Kg 15. Kit pour bobines Ø 300 - Kg 15.	Kit para bobinas Ø 300 - Kg 15. Kit para bobinas Ø 300 - Kg 15.		X	X			
136	Kit per aggiornamento software. Software update kit.	Software Aktualisierungskit. Kit mise à jour logiciel.	Kit puesta al día software. Jogo actualização do software.	X		X	X	X	X
139	Kit per saldatura alluminio per torcia Art. 1242. Aluminium welding kit for torch Art. 1242.	Aluminium Zubehörsatz für Brenner Art. 1242. Kit aluminium pour torche Art. 1242.	Kit aluminio para antorcha Art. 1242. Kit aluminio para tocha Art. 1242.	X		X	X	X	X
1196 1196.20	Connessione per art.1562. Connection for art.1562. 6 m. 12 m.	Verbindungsleitung für Art.1562. Connexion pour art.1562. 6 m. 12 m.	Conexión para art.1562. Conexão para art.1562. 6 m. 12 m.				X X	X X	X X
1242	Torcia CEBORA 280A - 3,5 m. CEBORA 280A torch. 3,5 m long.	CEBORA 280A Schlauchpaket. 3,5 m. Torche CEBORA 280A - 3,5 m.	Antorcha CEBORA 280A - 3,5 m. Tocha CEBORA 280A - 3,5 m.	X	X	X			X
1241	Torcia CEBORA 380A - 3,5 m. Raff. ad acqua. CEBORA 280A torch. 3,5 m long. Water cooled.	CEBORA 380A Schlauchpaket. 3,5 m. Wassergekühlt. Torche CEBORA 380A - 3,5 m. Refrigidée par eau.	Antorcha CEBORA 380A - 3,5 m. Enfriada por agua. Tocha CEBORA 380A - 3,5 m. Arrefecida a agua.	X		X			
1432	Carrello per trasporto solo generatore. Cart for power source only.	Wagen für den Transport allein der Stromquelle. Chariot pour transport du seul générateur.	Carro para el transporte del solo generador. Cofré para transporte do só gerador.		X	X			
1656	Carrello trasporto generatore con kit art. 128. Cart for transportation of the power source with kit art. 128.	Wagen für den Transport der Stromquelle mit Kit Art. 128. Chariot pour transport du générateur avec kit Art. 128.	Carro para el transporte del generador con kit Art. 128. Cofré para transporte do gerador com kit Art. 128.		X	X			
1450	Flussometro a 2 manometri. Flowmeter, 2 gauges.	Durchflußmesser mit 2 Manometer. Débitmètre 2 manomètres.	Fluxómetro de 2 manómetros. Medidor de fluxo de 2 manómetros.	X	X	X	X	X	X
1467 1467.20	Torcia Binzel MB 15. Binzel MB 15 torch. 3 m. 4 m.	Binzel MB 15 Schlauchpaket. Torche Binzel MB 15 torch. 3 m. 4 m.	Antorcha Binzel MB 15. Tocha Binzel MB 15. 3 m. 4 m.				X X	X X	X X
1562	Pistola trainafilo SPOOL-GUN. SPOOL-GUN wire feed gun.	Drahtförderpistole SPOOL-GUN. Pistolet d'entraînement fils SPOOL-GUN.	Pistola arrastahilo SPOOL-GUN. Pistola alimentador de fio SPOOL-GUN.				X	X	X
1929	Kit per saldatura alluminio Ø 1- 1,2 per torcia Art. 1241. Aluminium welding kit Ø 1- 1,2 for torch Art. 1241.	Aluminium Zubehörsatz Ø 1- 1,2 für Brenner Art. 1241. Kit aluminium Ø 1- 1,2 pour torche Art. 1241.	Kit aluminio Ø 1- 1,2 para antorcha Art. 1241. Kit aluminio Ø 1- 1,2 para tocha Art. 1241.	X		X			
1930	Guaina per saldatura alluminio Ø 1,2 - 1,6 per torcia 1241. Aluminium wire guide liner Ø 1,2 - 1,6 for torch 1241.	Alu-Drahtführungsseele Ø 1,2 - 1,6 für Brenner 1241. Gaine pour alu Ø 1,2 - 1,6 pour torche 1241.	Vaina para aluminio Ø 1,2 - 1,6 para antorcha 1241. Bainha para aluminio Ø 1,2 - 1,6 para tocha 1241.	X		X			
1933	Kit per saldatura alluminio Ø 1- 1,2 per torcia Art. 1242. Aluminium welding kit Ø 1- 1,2 for torch Art. 1242.	Aluminium Zubehörsatz Ø 1- 1,2 für Brenner Art. 1242. Kit aluminium Ø 1- 1,2 pour torche Art. 1242.	Kit aluminio Ø 1- 1,2 para antorcha Art. 1242. Kit aluminio Ø 1- 1,2 para tocha Art. 1242.	X	X	X			
2003	Torcia Cebora PULL 2003 m 4. 4 m (12 ft.) Cebora PULL 2003.	Cebora PULL 2003 Schlauchpaket m 4. Torche Cebora PULL 2003 m 4.	Antorcha Cebora PULL 2003 m 4. Tocha Cebora PULL 2003 m 4.	X	X	X	X	X	X
1341	GR53 Gruppo di raffreddamento. GR53 torch water cooling unit.	GR53 Kühleinheit. Groupe de refroidissement GR53.	Grupo de enfriamiento GR53. Grupo de arrefecimento GR53.			X			
1683	GRV12 Gruppo di raffreddamento. GRV12 torch water cooling unit.	GRV12 Kühleinheit. Groupe de refroidissement GRV12.	Grupo de enfriamiento GRV12. Grupo de arrefecimento GRV12.	X					
3080396 3080397	Rullo trainafilo per fili pieni. Feed roll for solid wires. Ø 0,6 - 0,8 Ø 1,0 - 1,2	Drahtvorschubrolle für Massivdraht. Galet dévidoir pour fils pleins. Ø 0,6 - 0,8 Ø 1,0 - 1,2	Rodillo de arrastre para hilos llenos. Rolo alimentador para fios cheios. Ø 0,6 - 0,8 Ø 1,0 - 1,2	● X	● X	● X	● X	X X	● ●
3080906 3080905 3080908 3080914 3080915	Rullo trainafilo per fili di alluminio. Feed roll for aluminium wires. Ø 0,6 - 0,8 Ø 0,8 - 1,0 Ø 1,2 - 1,6 Ø 0,8 - 1,0 Ø 1,2 - 1,6	Drahtvorschubrolle für Aluminiumdraht. Galet dévidoir pour fils d'aluminium. Ø 0,6 - 0,8 Ø 0,8 - 1,0 Ø 1,2 - 1,6 Ø 0,8 - 1,0 Ø 1,2 - 1,6	Rodillo arrastre para hilos de aluminio. Rolo alimentador para fios alumínio. Ø 0,6 - 0,8 Ø 0,8 - 1,0 Ø 1,2 - 1,6 Ø 0,8 - 1,0 Ø 1,2 - 1,6	X X X ● X	X X X ● X	X X X ● X	X X X ● X	X X X ● X	X X X ● X
3080900 3080901	Rullo trainafilo per fili animati. Feed roll for flux cored wires. Ø 1,2 - 1,4 Ø 1,2 - 1,6	Drahtvorschubrolle für Fülldraht. Galet dévidoir pour fils animée. Ø 1,2 - 1,4 Ø 1,2 - 1,6	Rodillo arrastre para hilos animados. Rolo alimentador para fios fluxados. Ø 1,2 - 1,4 Ø 1,2 - 1,6						X X

● = Standard equipment

X = Optional

ZUBEHÖR - ACCESSOIRES - ACCESORIOS - ACESSÓRIOS



Art. 128



Art. 136



Art. 139



Art. 1196.20



Art. 1241



Art. 1242



Art. 1341



Art. 1432



Art. 1450



Art. 1467 - Art. 1467.20



Art. 1562



Art. 1656



Art. 1683



Art. 1929 - 1933



Art. 1930



Art. 2003



Art. 3.080.335
Art. 3.080.379
Art. 3.080.396
Art. 3.080.905
Art. 3.080.906



POWER PLASMA 3100 was created to meet the need of working in the body shop with an easy to handle, easy to use power source with minimal system requirements yet able to ensure **excellent quality cutting on all metals, including the new high-strength steel.**

POWER PLASMA 3100 weights just 13 kg including the torch, and requires single-phase power supply; it works with compressed air or nitrogen (for high-quality cutting), provided at a pressure of 3.7 bar, with an air flow of just 60 l/min (and may thus be powered by a 25-l compressor).

- Automatic voltage change (115/230 V +/-10%).
- Pilot arc operating mode, which makes it possible to work even on painted or coated metals.
- Pilot self-restart, selectable from the panel, to interrupt and automatically reset the arc when cutting screens and grids, increasing operator productivity.
- Nozzle holder protection, as required by standards IEC 60974-7, which eliminates the risk to the operator of direct accidental contact with the gas nozzle.
- High voltage arc striking with high frequency, to ensure reliable lighting of the pilot arc and reduced disturbances.
- High electromagnetic compatibility, per EN50199, allowing the power source to be used in the vicinity of electronic equipment (such as computers, PLC, etc.).
- Explosion-proof protection of the air reducer unit.

The power source is particularly suitable for cutting the overlapped sheets that are commonly used in the car bodies



Torches represent the necessary final element of Cebora plasma power sources: both the torch and power source are designed by Cebora to ensure the best performance when paired together, since the performance of one depends on the specifications of the other.

The exclusive design of the plasma chamber of Cebora torches produces a high finish on the cutting area combined with a fast working speed.

Cebora torches also stand out for the particular attention given to ergonomics, lightness and simplicity of use. The life-span of consumable parts is increased by cooling the torch after use (Post-flow Cooling).

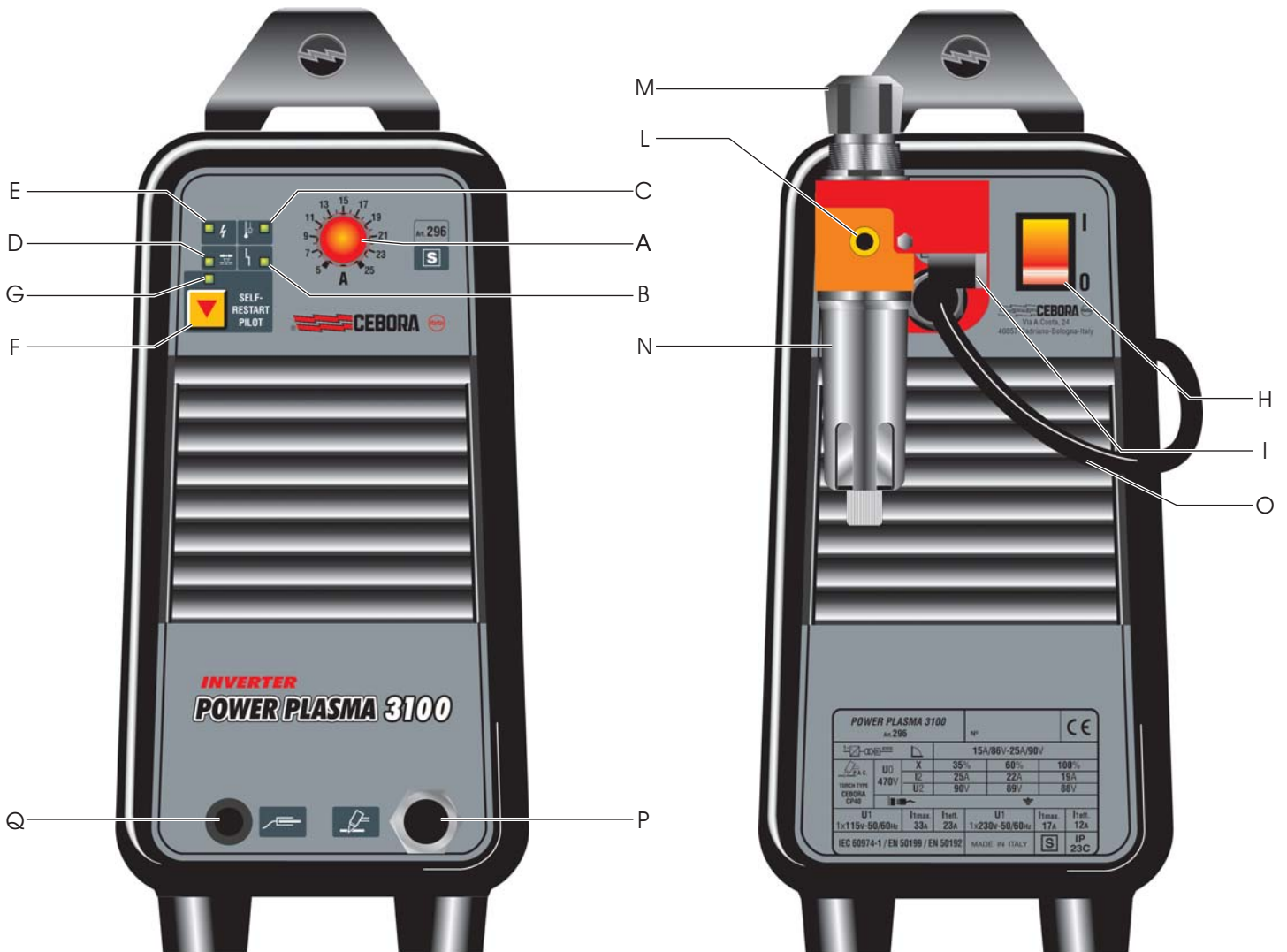
Nozzle holders are manufactured in compliance with IEC 60974-7 standards.



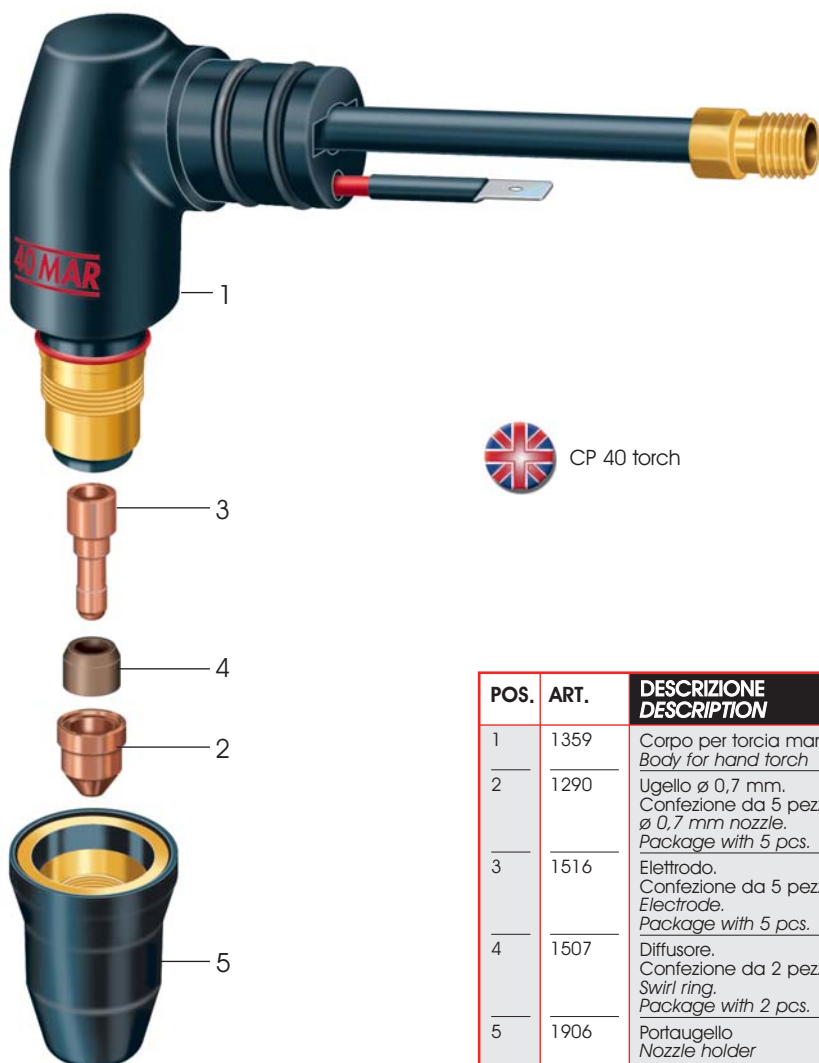
296 POWER PLASMA 3100

POWER PLASMA 3100		SPECIFICATIONS
ART	296	
	115/230V 50/60 Hz	Single phase input
	3,2 KW	Max. installed power
	4,2 KVA 35%	Input power
	5A ÷ 25A	Current adjustment range
	25A 35%	Duty Cycle (10 min.40°C)-EN 60974.1
	ELECTRONIC	Stepless regulation
	6 ÷ 10 mm (1/2") 1/4" ÷ 3/8" (1/2")	S Max. thickness on steel
	4 m (13 ft)	Cebora plasma torch supplied
	60 lt/min. 3,5 bar	Air consumption
	23 C	Protection class
	•	Authorized for use in areas of increased hazard of electric shock
	13Kg	Weight
	150x357x382	Dimensions

POS.	DESCRIPTION
	Cutting current adjustment
B	Block LED
C	Thermostat LED
D	Low pressure LED
E	Main power LED
F	Pilot self-restart button
G	Pilot self-restart LED
H	Main power switch
I	Pressure gauge
L	Compressed air fitting
M	Pressure regulator knob
N	Water trap
O	Power cord
P	Plasma torch
Q	Grounding clamp



ZÜBEHOR - ACCESSOIRES - ACCESORIOS - ACESSÓRIOS



CP 40 torch

POS.	ART.	DESCRIZIONE DESCRIPTION	BESCHREIBUNG DESCRIPTION	DESCRIPCIÓN DESCRIÇÃO
1	1359	Corpo per torcia manuale Body for hand torch	Handbrennerkörper Corp de torche manuelle	Cuerpo antorcha manual Corpo para tocha manual
2	1290	Ugello ø 0,7 mm. Confezione da 5 pezzi ø 0,7 mm nozzle. Package with 5 pcs.	Düse ø 0,7 mm. Packung mit 5 Stk. Buse ø 0,7 mm. Conf. de 5 pièces	Tobera ø 0,7 mm. Conf. de 5 piezas Bico ø 0,7 mm. Conf. de 5 peças
3	1516	Elettrodo. Confezione da 5 pezzi Electrode. Package with 5 pcs.	Elektrode. Packung mit 5 Stk. Electrode. Conf. de 5 pièces	Eléctrodo. Conf. de 5 piezas Eléctrodo. Conf. de 5 peças
4	1507	Diffusore. Confezione da 2 pezzi Swirl ring. Package with 2 pcs.	Diffusor. Packung mit 2 Stk. Diffuseur. Conf. de 2 pièces	Difusor. Conf. de 2 piezas Difusor. Conf. de 2 peças
5	1906	Portaugello Nozzle holder	Düsenhalter Porte-buse	Porta-tobera Bocal



Trolley Art. 1432

SPOTTER



Cebora offers the auto body industry the new multi-purpose power source Spot 2500 (art. 2148), with electronic adjustment, synchronous control and digital panel, ideal for body repairs of the conventional sheet metals, except aluminium. The Spot 2500 allows you to work in manual/automatic mode, perform rosette spot-welding, insert spot-welding, metal pressing, metal heating, pulse heating.

The "USER" function allows you to customize the settings. The spot-welding gun includes a button that allows rapid remote selection of the functions on the panel of the power source.



SPOT 2500		DATI TECNICI SPECIFICATIONS
ART	2148	
	400V 50 Hz	Alimentazione monofase Single phase input
	6 KW	Potenza di install. max. Max. installed power
	10 A	Fusibile ritardato Fuse rating (slow blow)
	3000A max.	Campo di regolazione della corrente Current adjustment range
	23	Grado di protezione Protection class
	•	Idonea a lavorare in ambienti con rischio accresciuto di scosse elettriche Authorized for use in areas of increased hazard of electric shock
	30 Kg	Peso Weight
	207x437x411h	Dimensioni Dimensions

SPOTTER



- Spotting on an heavy duty washer



- Spotting of nails



- Spotting of stem studs



- Nail pulling attachment

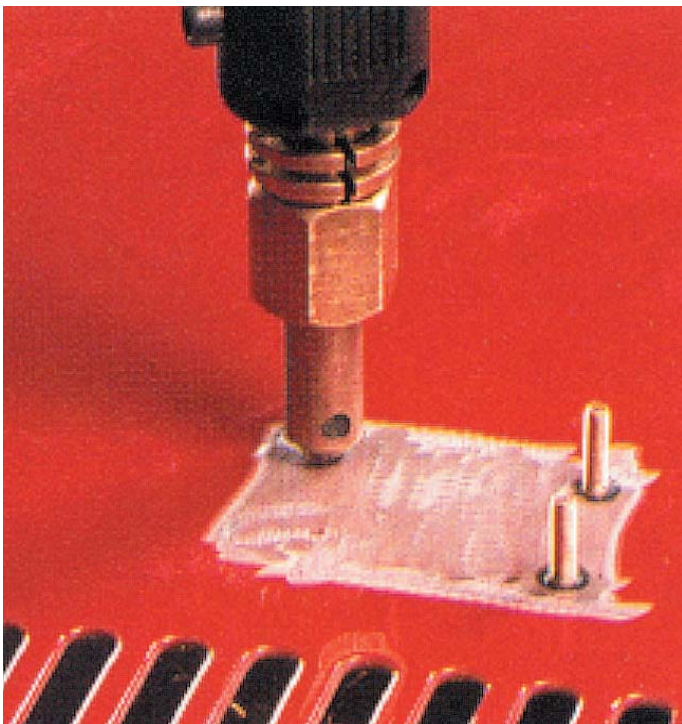
2148 - SPOT 2500



• Carbon arc electrode for heat shrinking



• Pimple heat and push electrode

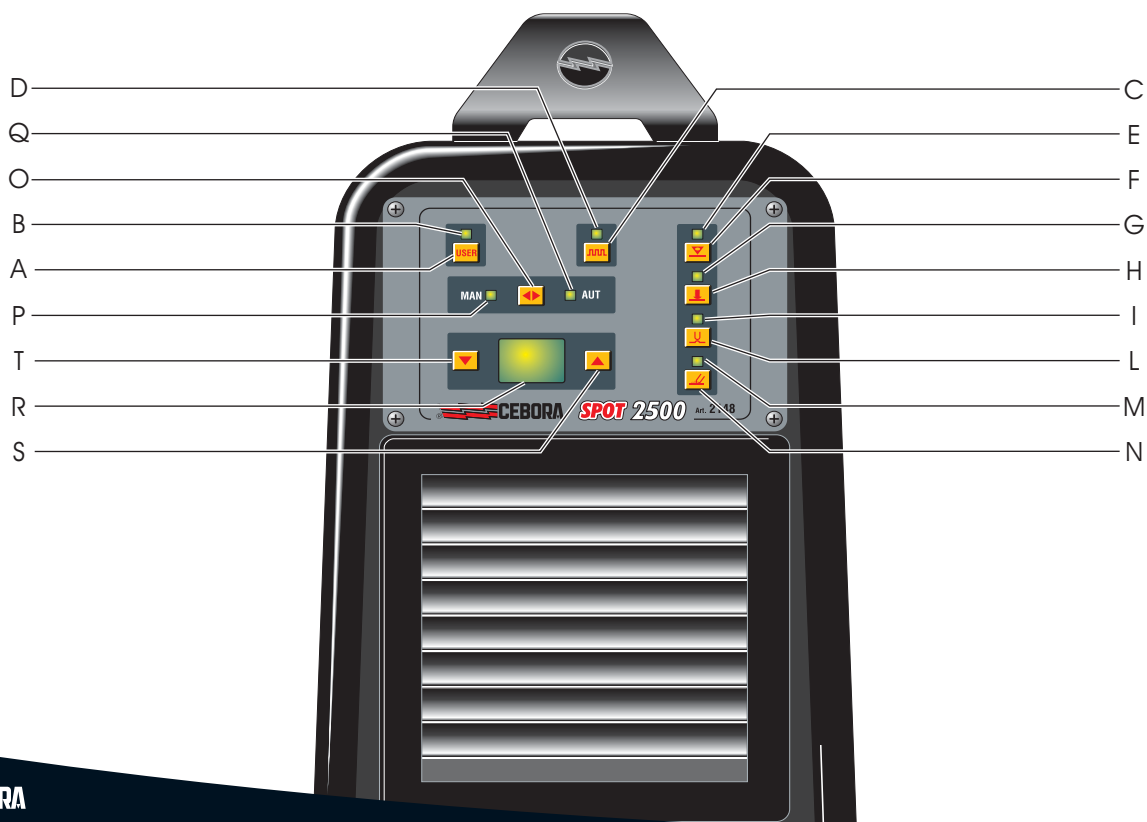


• Spotting threaded studs

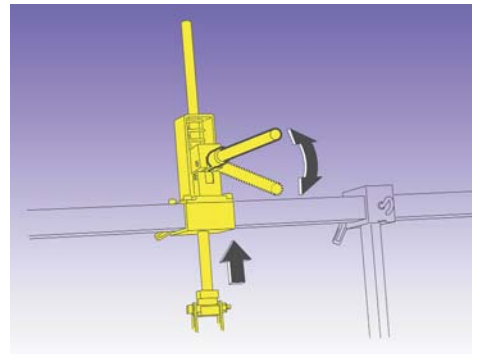
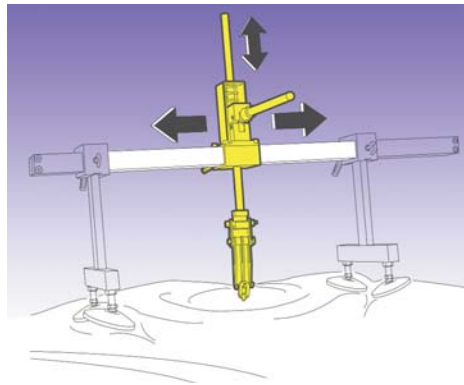
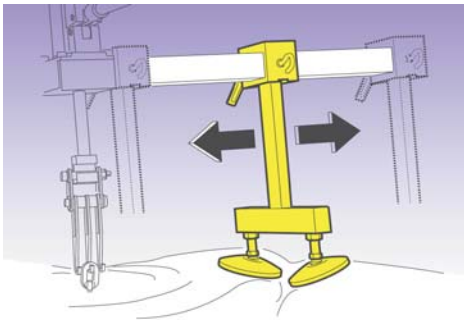
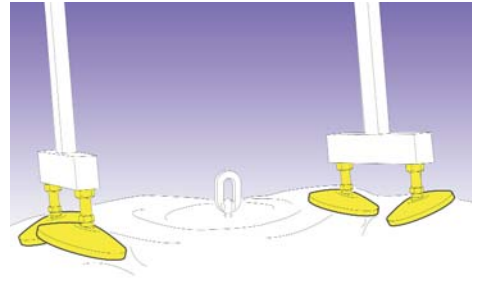
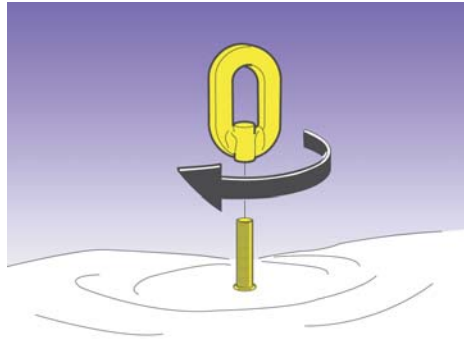
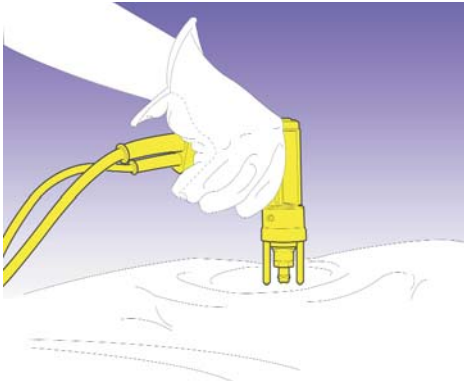


• Spotting of special washers

POS.	DESCRIPTION
	Operator selection key.
B	Operator selection function LED.
C	Pulse heating function key.
D	Pulse heating function LED.
E	Wascher spot-welding function LED.
F	Wascher spot-welding function key.
G	Insert spot-welding function LED.
H	Insert spot-welding function key.
I	Sheet metal pressing function LED.
L	Sheet metal pressing function key.
M	Sheet metal heating function LED.
N	Sheet metal heating function key.
O	Automatic/manual selection key.
P	Manual mode LED.
Q	Automatic mode LED.
R	Settings display for keys S and T.
S	Key to increase R values display.
T	Key to decrease R values display.



**ACCESSORI PER SPOTTER - SPOTTER ACCESSORIES - ZUBEHÖR FÜR SPOTTER
 ACCESSOIRES POUR SPOTTER - ACCESORIOS PARA SPOTTER - ACESSORIOS PARA SPOTTER**



Art. 2333



Art. 2318







Art. 1432

ART.	DESCRIZIONE DESCRIPTION	BESCHREIBUNG DESCRIPTION	DESCRIPCION DESCRIÇÃO	2148	2153
1432*	Carrello trasporto generatore e accessori Power source and accessories cart	Wagen für den Transport der Stromquelle Chariot pour transport générateur	Carro para el transporte del generador Carro de transporte para gerador	X	X
2333	Rondella filettata per rivetti (2 pz) Special washers (2 pz)	Sonderscheibe für Nieten (2 pz) Rondelles special pour rivets (2 pz)	Arandela fileteada para Remacha. (2 pz) Arruela roscada para rebites (2 peças)		X
2318	Rivetti filettati M4x15 (100 pz) Thread rivets M4x15 (100 pz)	Geschnitt. Nieten M4x12 (100 pz) Rivets filetés M4x15 (100 pz)	Remachadores fileteados M4x15 (100 pz) Rebites roscados M4x15 (100 peças)		X

* = Optional

SPOTTER

POWER SPOT 5500		SPECIFICATIONS
ART	2153	
	115V 230V 50/60 Hz 50/60 Hz	Single phase input
	16 A 10 A	Fuse rating (slow blow)
E	50 ÷ 1500 J	Energy adjustment range
IP..	23 C	Protection class
S	•	Authorized for use in areas of increased hazard of electric shock
	15Kg	Weight
	176x370x401	Dimensions



POWER SPOT 5500

The POWER SPOT 5500 ALUMINIUM (art. 2153) power source allows welding of stud bolts and miscellaneous accessories on all types of sheet metal, including aluminium. Welding using the spotter on aluminium requires a specific power source capable of delivering a discharge of current that is very brief (lasting only a few milliseconds) but extremely intense (several thousand Amperes), making it possible to "perforate" the layer of surface oxide and insulation without damaging the sheet metal below: this feature is achieved using capacitors.

POWER SPOT 5500 ALUMINIUM is capable of welding stud bolts of carbon steel and aluminium with diameters of up to 6 mm.

The power source is supplied complete with gun and 2-clamp earth cable.

Standard supplies also include a set of threaded rivets specifically intended for aluminium application, and threaded washers.

The operating principle of welding stud bolts with contact point start-up is based on the extremely rapid (2 - 3 ms) discharge of a battery of capacitors, which makes it possible to weld pins from Ø 4 mm to Ø 6 mm.

This technology makes it possible to weld stud bolts on clean, but not oxidized, surfaces of



Art. 2153

steel, galvanized steel, stainless steel, aluminium and brass.

The rapidity of the process does not alter the surfaces on the side opposite from the welding, thus has no effect on painted, primed, laminated and galvanized metals.

Welding is not possible on case-hardened steel, oxidized or painted metal.

POS.	DESCRIZIONE DESCRIPTION
A	Key to increase the capacitor charge voltage.
B	Key to reduce the capacitor charge voltage.
C	Led indicating that the machine is on.
D	Led that lights during welding.
E	Display showing the capacitor charge voltage.
F	Positive output terminal.
G	Negative output terminal.
H	Torch trigger connector.



POWER PULLER ALUMINIUM - 1288

POWER PULLER ALUMINIUM (art. 1288) is designed specifically for use with aluminium.

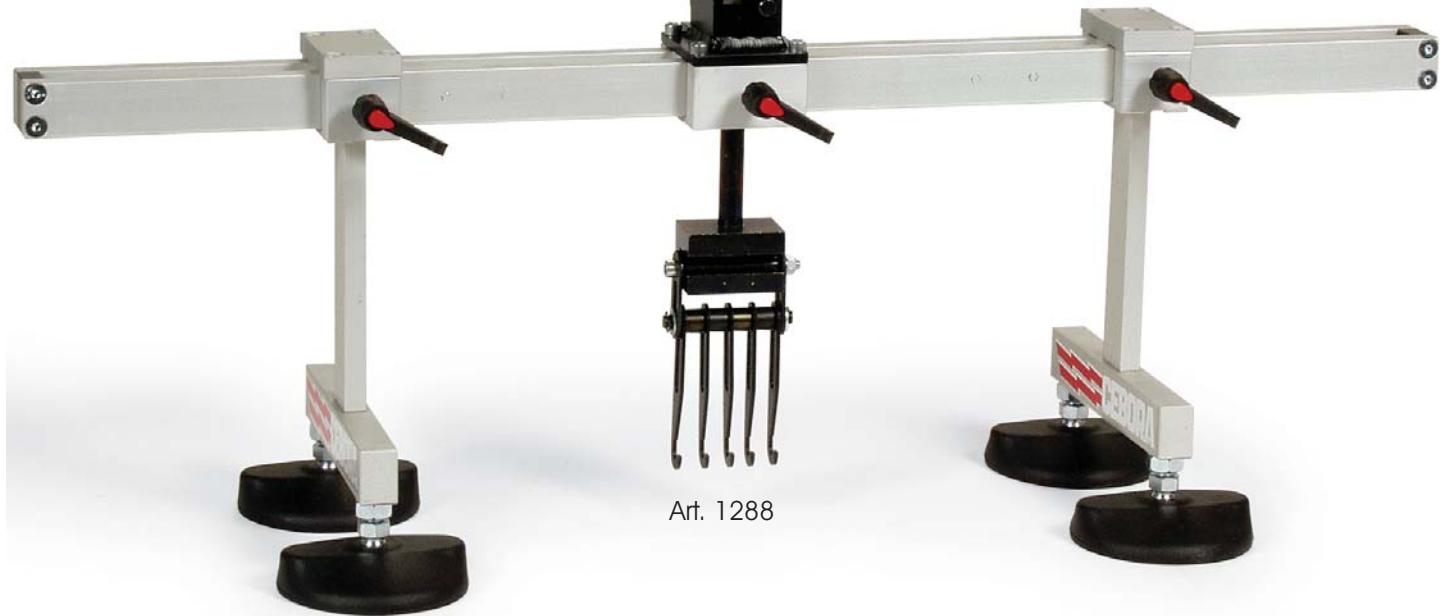


It consists of a mechanical jack system that allows continuous, progressive traction on the stud bolt welded to the damaged part: the intensity of the traction is controlled by the lever that moves the jack in a series of tiny shifts.

It is indeed essential that the stud bolt be kept in constant traction, while the operator proceeds, with both hands free, with the necessary intermediate steps of beating the sheet metal; the mechanical release device then allows you to discharge the stud bolt.

Standard supplies include the washers with threaded insert, to be coupled to the stud bolt, rod and accessory.

POWER PULLER ALUMINIUM is made of aluminium alloy; it weighs just 5.5 kg and measures 800x340x570mm. Its 4 pivoting supports allow it to be adapted to every curve in the sheet metal to be handled.



Art. 1288

