



WELD THE WORLD



## General Catalogue 13-2020

English

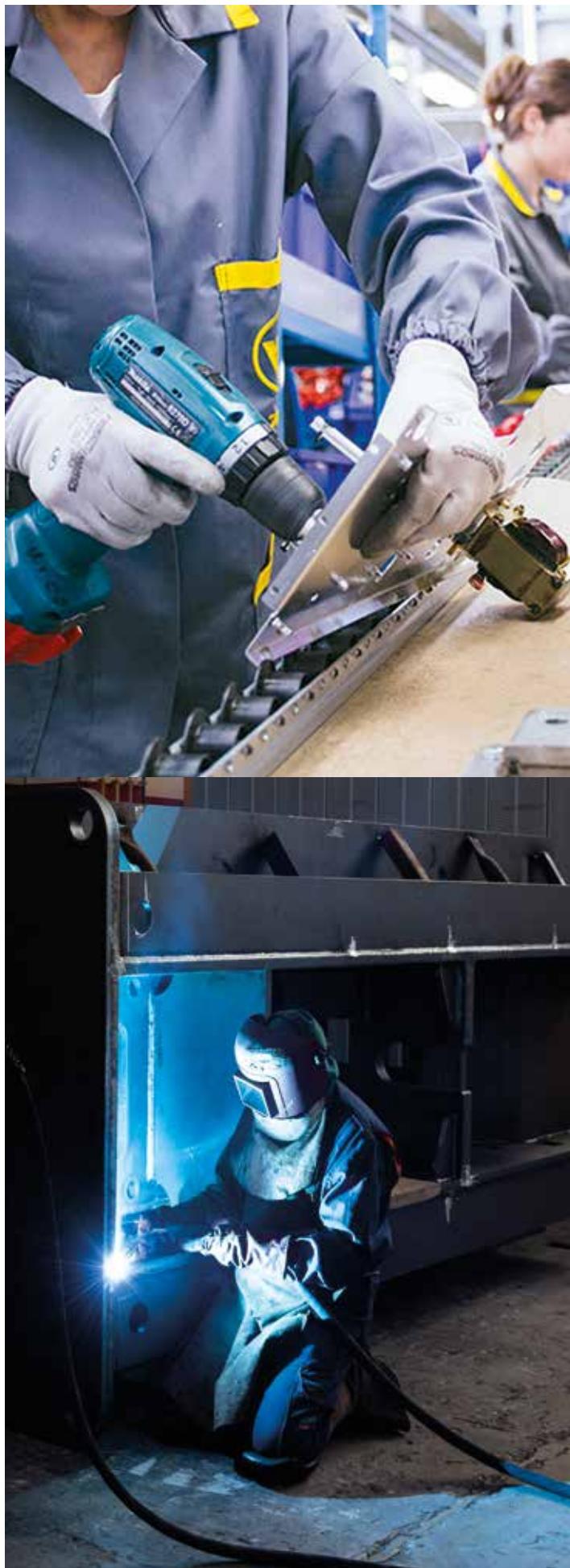
# Company profile

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**A well-established industrial concern whose reliability of products is ensured by its considerable investments in research, design and testing.**

WECO has been producing and selling welding equipment since 1997. Its registered office and operational site, located in the northeast of Italy, includes offices, a production area, a design and storage area, which cover the requirements of a wide national and international sales network. The wide range of welding machines and the availability of a large warehouse allows us to meet the varying needs of our customers within a short period of time. Our dynamic management, our proven experience in sales issues, as well as our knowledge of application problems ensure our company a leading edge within our industry.

WECO provides solutions that improve productivity, optimise intervention times, minimise operating costs, ensuring excellent performance at all times, in any operating conditions.



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# Welding process / Technology

					
MMA	TIG	MIG/MAG	PULSE DOUBLE PULSE	GOUGING	MULTIFUNCTION

	<b>Power Inverter Inside</b> Higher Efficiency Lower Energy Demand	Higher efficiency and better welding quality than conventional power sources. Overall weight reduction for easier transportation and movement. Weco Inverter supplies a better quality welding arc, with no spattering, repeatable in time and unaffected by main voltage fluctuation. Reworking time and money saving. Real lower overall electric consumption.
	<b>W.ECO Technology Inside</b> Lower harmonic current emissions	W.ECO technology according to EN-60974-10, reduces harmonic current emissions.
	<b>W.ECO PFC</b> <b>Power Factor Corrector:</b> Lower harmonic current emissions Lower input current	W.ECO PFC reduces harmonic current emissions and 20% input current, increasing the power inverter efficiency.
	<b>Total Protection</b> Maximum reliability	A built-in Total Protection Device saves the inverter components from overvoltage and makes the unit suitable for use with unstable power supply and motor-generators.
	<b>Volt Reduction Device</b> Maximum safety	Function VRD (Volt Reduction Device) reduces automatically the voltage of the welding machine during the Standby mode in order to allow the processing in those building site where low voltages are demanded for safety reasons (Dockyards, petrol platforms and so on).
	<b>HAC Hybrid Arc Control</b> Soft Arc, Low Spattering Better welds, Money Savings	WEKO unique HAC (Hybrid Arc Control) supplies a soft and very stable MIGMAG welding arc with excellent weld bead quality and minimal spattering in any working conditions.
	<b>Weco Digital Control</b>	The Inverter is by the latest generation DSP device (Digital Signal Processor) digitally controlled, this permits a steady precise and quick adjustment of the welding arc.
	<b>Multivoltage</b>	The Power Source can be connected to most common three-phase supply-net, it means that the inverter adjusts automatically its parameters to the available supplying voltage in order to grant in any case a perfect welding.

# Special Functions

	<b>CELL</b> Digital control and excellent welding with cellulosic electrodes is an optimized combination also for piping and Oil & Gas industry applications.
	<b>TIG PULSED 2,5KHz</b> The pulse TIG with frequency until 2500Hz allows to weld very thin materials with easy arc control and very low heat input on workpiece.
	<b>TIG PULSED SYNERGIC</b> Pre-set balanced parameters, stored in the Synergic Pulse TIG DC SYN curve, simplify Pulsed welding by adjusting only welding current.
	<b>Q-START</b> The Q START (Quick start) function facilitates joining of the parts in the initial stage of the welding process. On activating this function the machine automatically switches to Synergic pulsed mode for a preset time. The resulting pulses create movement of the molten metal on the two sheet metal edges thereby accelerating formation of the join. This function is invaluable in the case of seams with slight openings or with irregular preparation. The duration of the series of pulses can be adjusted, (from 0.1 to 60 second) depending on the thickness and shape of the sheet to be welded.
	<b>DYNARC</b> The DYNAMIC ARC function makes it possible to keep the product of Voltage x Current constant. The power source increases the welding current as the arc voltage decreases and reduces the welding current if the arc voltage increases.
	<b>Q-SPOT</b> The Q-Spot (Quick Spot) function makes it possible to minimise tacking times for light gauge sheet metal. The operator conveniently places the tungsten electrode on the fixing point, thereby obtaining perfect control of the position of the join. Once the electrode has been lifted the machine emits a very high intensity welding current pulse with a very short preset time (from 0.01 Sec to 10 Sec). The pulse time varies depending on the type of sheet metal to be joined. In this way the welded point closes instantly with minimum heat transfer, leaving the metal white, clean and almost cold.
	<b>MULTITACK</b> The MULTITACK system makes it possible to reduce heat output while joining two light gauge parts. The series of arc strikes at short time intervals allows the material to cool during the pause between one strike and the next and thus minimize its deformation. The facility to adjust the frequency of the series of arc strikes in the time unit makes it possible to adapt the electric arc to the welding speed and the joint geometry.

# Special Functions

	<b>EXTRA FUSION</b> This makes it possible to create a highly penetrative and precise fusion bath so that very light gauge sheets can be welded with an electrode tip comparable to that of an electrode for DC – TIG welding.
	<b>MIX AC/DC</b> This allows to obtain high welding speed and creating the weld puddle rapidly on a cold workpiece.
	<b>HSL</b> <ul style="list-style-type: none"><li>• Higher execution speed</li><li>• Higher deposition rate</li><li>• Lower heat input and less plastic deformation</li><li>• Better mechanical properties</li><li>• Higher penetration, offers lower risk of lack of fusion</li><li>• Lower production costs and depreciation</li></ul>
	<b>HIGH CONTROL</b> <ul style="list-style-type: none"><li>• more stable welding arc, with almost no sprays and micro-projections</li><li>• very reactive arc to the torch movement</li><li>• reduced energy transmitted to the welded workpiece</li><li>• very linear transfer with an optimal edge wettability and a very high speed of execution</li></ul>
	<b>K DEEP</b> <ul style="list-style-type: none"><li>• K-deep, conceived in order to keep even the penetration during welding, independently from stick out variations</li><li>• Joints defects, such as lack of fusion and irregular penetration are reduced at minimum</li><li>• An excellent torch handling is granted to the welder</li></ul>
	<b>POWER ROOT</b> <ul style="list-style-type: none"><li>• Optimized root pass welding</li><li>• Vertical down in sound weld quality</li><li>• Better moldability</li><li>• ``Cold`` droplet transfer</li><li>• Thinsheet welding</li></ul>
	<b>POWER FOCUS</b> <ul style="list-style-type: none"><li>• Higher penetration, lower risk of lack of fusion</li><li>• Higher execution speed</li><li>• Higher arc stability also with longer stick-out</li><li>• Lower production costs</li></ul>

## WECO DATA MANAGER

	Weco has developed the DATA MANAGER tool for complete welding's control and monitoring. The WECO DATA MANAGER software allows you to control simultaneously multiple Weco Power Sources connected to a dedicated LAN (ETHERNET). Connected Power Sources auto-discovery system allows an easy and fast connection, ready for detecting, monitoring and setting welding parameters.
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## EN 1090 WPQR

	Qualification of welding procedures according to DIN EN 1090 The complete WPQR packet for execution class 1 and 2 up to S355 is available for all MIG/MAG power sources in Weco's range.
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**MIG MAG PULSED  
DOUBLE PULSED  
MULTIFUNCTION DIGITAL**

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# Power Pulse 405d / 505d



200mm - 300mm Spools

3 x 230Vac - 3 x 400Vac



The **MIG/MAG** and **MIG/MAG Pulsed** welding machine boasts an outstanding performance in welding common and stainless steels, aluminum and alloys.

The special programs created by our labs ensure our customers excellent cosmetic and metallurgical results.

The latest Weco Digital Control Technology, the Weco Multivoltage, PFC and the Quick Setting user interface system ensure perfect results in any operating condition.

**MMA, TIG DC LIFT and GOUGING** processes are also available.

The 400A duty cycle at 100% (40°C) allows you to work continuously, even with applications requiring high work cycles.

The MIG MAG welding is here optimized thanks to:

**Pulse HC**  
**Power Focus**  
**Power Root**  
**K-DEEP**

	MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING
	CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
	EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>	
<b>Special Functions</b>	

Power Pulse 405d						
	3x400Vac ± 15% @ 50-60Hz				3x230Vac ± 15% @ 50-60Hz	
	25A				30A	
	MIG-MAG	MMA	TIG	MIG-MAG	MMA	TIG
% <sub>40°C</sub>	100%	100%	100%	100%	100%	100%
-I <sub>s</sub>	400A	400A	400A	350A	350A	400A
I <sub>s</sub>	10A-400A	10A-400A	5A-400A	10A-350A	10A-350A	5A-400A
U <sub>o</sub> /U <sub>r</sub>	70V / 19V					
P <sub>MAX</sub>	16,8kVA - 16kW					
IP	23					
	1160 x 670 x 1420mm					
Weight	KIT 405d PP WF205 4mt H <sub>2</sub> O - 130,0Kg					

Power Pulse 505d															
	3x400Vac ± 15% @ 50-60Hz							3x230Vac ± 15% @ 50-60Hz							
	20A							30A							
	MIG-MAG		MMA		TIG			MIG-MAG	MMA	TIG					
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60%	100%	100%					
-I <sub>s</sub>	500A	450A	400A	500A	450A	400A	500A	450A	400A	350A					
I <sub>s</sub>	10A-500A		10A-500A		5A-500A			10A-350A	10A-350A	5A-400A					
U <sub>o</sub> /U <sub>r</sub>	70V / 19V														
P <sub>MAX</sub>	23,7kVA - 22,6kW														
IP	23														
	1160 x 670 x 1420mm														
Weight	KIT 505d PP WF205 4mt H <sub>2</sub> O - 130,0Kg														

# Configuration Power Pulse 405d / 505d (WF205 - WF204)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
<b>Power Pulse 405d</b>	001.0401.0000
<b>Power Pulse 505d</b>	001.0400.0000
<b>WIRE FEEDER</b>	
<b>WF205</b>	001.0328.0000
<b>WF204</b>	001.0333.0000
<b>Wheels Kit WF-205/204</b>	010.0000.0081
<b>TROLLEY</b>	
<b>Trolley L</b>	004.0000.0011
<b>KIT SUPPORTS for Trolley L</b>	004.0000.0203
Kit Twin Bottles	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-05 (AIR Version)	004.0000.0212
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
<b>C.U.20</b>	003.0000.0211
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
CONNECTION CABLE 70mm <sup>2</sup> L=2mt AIR	002.0001.0291
CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	002.0001.0292
CONNECTION CABLE 70mm <sup>2</sup> L=10mt AIR	002.0001.0296
CONNECTION CABLE 95mm <sup>2</sup> L=10mt AIR	002.0001.0293
CONNECTION CABLE 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0281
<b>CONNECTION CABLE 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0282
CONNECTION CABLE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0286
CONNECTION CABLE 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0283
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
CONNECTION CABLE 70mm <sup>2</sup> L>10mt AIR	002.0001.0031
CONNECTION CABLE 95mm <sup>2</sup> L>10mt AIR	002.0001.0041
CONNECTION CABLE 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0032
CONNECTION CABLE 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0042
<b>TORCHES AND EARTH CABLE</b>	
Torch MIG DIGIMANAGER 505 L= 4m H <sub>2</sub> O	006.0008.0020
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 26 L= 4m AIR EURO	006.0005.0011
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
(*) RC04 Remote Control 2 potentiometers	006.0003.0121
(*) RC04 Adapter	022.0002.0383
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
<b>KIT 405d PP WF204 4mt AIR</b>	<b>006.0011.0338</b>
Power Pulse 405d + WF204 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Tool BOX VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 505d PP WF204 4mt AIR</b>	<b>006.0011.0339</b>
Power Pulse 505d + WF204 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Tool BOX VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 405d PP WF205 4mt AIR</b>	<b>006.0011.0336</b>
Power Pulse 405d + WF205 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Tool BOX VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 505d PP WF205 4mt AIR</b>	<b>006.0011.0337</b>
Power Pulse 505d + WF205 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Tool BOX VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 405d PP WF204 4mt H<sub>2</sub>O</b>	<b>006.0011.0330</b>
Power Pulse 405d + WF204 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 505d PP WF204 4mt H<sub>2</sub>O</b>	<b>006.0011.0331</b>
Power Pulse 505d + WF204 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 405d PP WF205 4mt H<sub>2</sub>O</b>	<b>006.0011.0329</b>
Power Pulse 405d + WF205 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 505d PP WF205 4mt H<sub>2</sub>O</b>	<b>006.0011.0321</b>
Power Pulse 505d + WF205 + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

200mm - 300mm Spools



**WF205P**

The **MIG/MAG** and **MIG/MAG Pulsed** welding machine boasts an outstanding performance in welding common and stainless steels, aluminum and alloys.

The special programs created by our labs ensure our customers excellent cosmetic and metallurgical results.

The latest Weco Digital Control Technology, the Weco Multivoltage, PFC and the Quick Setting user interface system ensure perfect results in any operating condition.

The 400A duty cycle at 100% (40°C) allows you to work continuously, even with applications requiring high work cycles.

**MMA, TIG DC LIFT and GOUGING** processes are also available.

The **Power Pulse dms** with **WF205p** offers a special configuration. This system can always be used, nevertheless it is particularly suitable when the wire feeder is placed in hanging position over the welding application.

This configuration provides an easy solution for atomized welding, large constructions and structural fabrications where the wire feeder is continuously moving.

The MIG MAG welding is here optimized thanks to:

**Pulse HC**  
**Power Focus**  
**Power Root**  
**K-DEEP**

	MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING
<b>CE:</b>	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
<b>EN:</b>	EN 60974-1 - EN 60974-5 - EN 60974-10

Technology						

Special Functions						

Power Pulse 405dms						
	3x400Vac ± 15% @ 50-60Hz				3x230Vac ± 15% @ 50-60Hz	
	25A				30A	
	MIG-MAG	MMA	TIG	MIG-MAG	MMA	TIG
% <sub>40°C</sub>	100%	100%	100%	100%	100%	100%
-I <sub>s</sub>	400A	400A	400A	350A	350A	400A
I <sub>s</sub>	10A-400A	10A-400A	5A-400A	10A-350A	10A-350A	5A-400A
U <sub>o</sub> /U <sub>i</sub>	70V / 19V					
P <sub>MAX</sub>	16,8kVA - 16kW					
IP	23					
	1160 x 670 x 1420mm					
Weight	KIT 405dms PP WF205p 4mt H <sub>2</sub> O - 130,0Kg					

Power Pulse 505dms														
	3x400Vac ± 15% @ 50-60Hz							3x230Vac ± 15% @ 50-60Hz						
	30A							30A						
	MIG-MAG		MMA		TIG			MIG-MAG	MMA					
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	100%	100%					
-I <sub>s</sub>	500A	450A	400A	500A	450A	400A	500A	350A	350A					
I <sub>s</sub>	10A-500A		10A-500A		5A-500A			10A-350A	10A-350A					
U <sub>o</sub> /U <sub>i</sub>	70V / 19V													
P <sub>MAX</sub>	23,7kVA - 22,6kW													
IP	23													
	1160 x 670 x 1420mm													
Weight	KIT 505dms PP WF205p 4mt H <sub>2</sub> O - 130,0Kg													

# Configuration Power Pulse 405d / 505d (WF205p)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
<b>Power Pulse 405dms</b>	001.0403.0000
<b>Power Pulse 505dms</b>	001.0402.0000
<b>WIRE FEEDER</b>	
<b>WF205p</b>	001.0332.0000
<b>Wheels Kit WF-205/204</b>	010.0000.0081
<b>TROLLEY</b>	
<b>Trolley L</b>	004.0000.0011
<b>KIT SUPPORTS for Trolley L</b>	004.0000.0203
Kit Twin Bottles	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-05 (AIR Version)	004.0000.0212
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
<b>C.U.20</b>	003.0000.0211
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
CONNECTION CABLE 70mm <sup>2</sup> L=2mt AIR	002.0001.0291
CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	002.0001.0292
CONNECTION CABLE 70mm <sup>2</sup> L=10mt AIR	002.0001.0296
CONNECTION CABLE 95mm <sup>2</sup> L=10mt AIR	002.0001.0293
CONNECTION CABLE 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0281
<b>CONNECTION CABLE 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0282
CONNECTION CABLE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0286
CONNECTION CABLE 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0283
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
CONNECTION CABLE 70mm <sup>2</sup> L>10mt AIR	002.0001.0031
CONNECTION CABLE 95mm <sup>2</sup> L>10mt AIR	002.0001.0041
CONNECTION CABLE 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0032
CONNECTION CABLE 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0042
<b>TORCHES AND EARTH CABLE</b>	
Torch MIG DIGIMANAGER 505 L= 4m H <sub>2</sub> O	006.0008.0020
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 26 L= 4m AIR EURO	006.0005.0011
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
<b>KIT 405dms PP WF205p 4mt AIR</b>	<b>006.0011.0344</b>
Power Pulse 405dms + WF205p + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Vano portaoggetti VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 505dms PP WF205p 4mt AIR</b>	<b>006.0011.0345</b>
Power Pulse 505dms + WF205p + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + Tool BOX VP-05 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 405dms PP WF205p 4mt H<sub>2</sub>O</b>	<b>006.0011.0340</b>
Power Pulse 405dms + WF205p + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 505dms PP WF205p 4mt H<sub>2</sub>O</b>	<b>006.0011.0341</b>
Power Pulse 505dms + WF205p + Wheels Kit WF-205/204 + Trolley L + KIT SUPPORTS for Trolley L + C.U.20 + CONNECTION CABLE 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	





**MIG MAG PULSED  
DOUBLE PULSED  
MULTIFUNCTION**

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# Power Pulse 322AC/DC - 402AC/DC - 502AC/DC



200mm - 300mm Spools

3 x 400Vac



**WF104**

**WF108**

**Power Pulse 322 - 402 - 502AC/DC** is an Heavy Duty professional Multifunction 3 Phase Inverter Power Source with separated wire feeder WF104 - WF108.

**MMA, TIG AC/DC HF and GOUGING** (only 402AC/DC and 502AC/DC) cutting and gouging processes are also available.

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

The AC welding is here optimized thanks to:

**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

	MIG/MAG SYN PULSED/DOUBLE PULSED / TIG AC/DC HF / MMA / GOUGING
<b>CE:</b>	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
<b>EN:</b>	EN 60974-1 - EN 60974-3 - EN 60974-5 - EN 60974-10

<b>Technology</b>		

<b>Special Functions</b>							

<b>POWER PULSE 402AC/DC</b>															
	3x400Vac ± 15% @ 50-60Hz														
	32A														
	<b>MIG - MAG</b>				<b>TIG</b>				<b>MMA</b>						
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60%	100%						
-I <sub>z</sub>	400A	380A	340A	400A	380A	340A	400A	370A	340A						
I <sub>z</sub>	10A - 400A		5A - 400A		10A - 400A										
U <sub>o</sub> /U <sub>r</sub>	81V / 9V														
P <sub>MAX</sub>	18,4kVA - 16,8kW														
IP	23														
l	1160 x 670 x 1530mm														
ØØØ	KIT 402AC/DC PP WF104 4mt H <sub>2</sub> O - 164,8Kg														

<b>WPQR</b>										<b>Weco Data Manager</b>			
<b>POWER PULSE 322AC/DC</b>													
	3x400Vac ± 15% @ 50-60Hz										25A		
	<b>MIG - MAG</b>				<b>TIG</b>				<b>MMA</b>				
% <sub>40°C</sub>	40%	60%	100%	45%	60%	100%	45%	60%	100%		15,2kVA - 12,0kW		
-I <sub>z</sub>	320A	270A	240A	320A	280A	240A	300A	270A	240A	IP	23		
I <sub>z</sub>	10A - 320A		5A - 320A		10A - 300A						1160 x 670 x 1530mm (con carrello e WF)		
U <sub>o</sub> /U <sub>r</sub>	72V / 11V									P ØØØ	KIT 322AC/DC PP WF104 4mt H <sub>2</sub> O - 154,7Kg		

<b>POWER PULSE 502AC/DC</b>													
	3x400Vac ± 15% @ 50-60Hz												
	40A												
	<b>MIG - MAG</b>				<b>TIG</b>				<b>MMA</b>				
% <sub>40°C</sub>	30%	60%	100%	30%	60%	100%	30%	60%	100%		25,5kVA - 23,4kW		
-I <sub>z</sub>	500A	380A	340A	500A	380A	340A	500A	370A	340A	IP	23		
I <sub>z</sub>	10A - 500A		5A - 500A		10A - 500A						1160 x 670 x 1530mm		
U <sub>o</sub> /U <sub>r</sub>	81V / 9V									P ØØØ	KIT 502AC/DC PP WF104 4mt H <sub>2</sub> O - 164,8Kg		

# Configuration Power Pulse 322AC/DC - 402AC/DC - 502AC/DC (WF104 - WF108)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
Power Pulse 322AC/DC	001.0141.0000
Power Pulse 402AC/DC	001.0124.0000
Power Pulse 502AC/DC	001.0125.0000
<b>WIRE FEEDER</b>	
WF104	001.0315.0000
WF108	001.0325.0000
Wheels Kit WF	010.0000.0012
<b>TROLLEY</b>	
Trolley L	004.0000.0011
KIT SUPPORTS for Trolley L	004.0000.0203
Kit Twin Bottles	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-01 (AIR Version)	004.0000.0201
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
C.U.09	003.0000.0101
C.U.09 HP	003.0001.0101
C.U.18	003.0000.0181
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0272
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0011
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0021
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0012
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0022
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
RC02 Foot pedal	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
KIT 322AC/DC PP WF104 4mt AIR	006.0011.0266
Power Pulse 322AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 322AC/DC PP WF108 4mt AIR	006.0011.0267
Power Pulse 322AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 402AC/DC PP WF104 4mt AIR	006.0011.0268
Power Pulse 402AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 402AC/DC PP WF108 4mt AIR	006.0011.0269
Power Pulse 402AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 502AC/DC PP WF104 4mt AIR	006.0011.0270
Power Pulse 502AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 502AC/DC PP WF108 4mt AIR	006.0011.0271
Power Pulse 502AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
KIT 322AC/DC PP WF104 4mt H <sub>2</sub> O	006.0011.0272
Power Pulse 322AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 322AC/DC PP WF108 4mt H <sub>2</sub> O	006.0011.0273
Power Pulse 322AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 402AC/DC PP WF104 4mt H <sub>2</sub> O	006.0011.0111
Power Pulse 402AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 402AC/DC PP WF108 4mt H <sub>2</sub> O	006.0011.0274
Power Pulse 402AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 502AC/DC PP WF104 4mt H <sub>2</sub> O	006.0011.0103
Power Pulse 502AC/DC + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 502AC/DC PP WF108 4mt H <sub>2</sub> O	006.0011.0275
Power Pulse 502AC/DC + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

**200mm - 300mm Spools**



**WF104**

**WF108**

**Power Pulse 322 - 402 - 502AC/DC TWIN FEEDER** is an Heavy Duty professional Multifunction 3 Phase Inverter Power Source with **DOUBLE separated wire feeder** and **DOUBLE gas bottle holder**.

**MMA, TIG AC/DC HF and GOUGING** (only 402AC/DC and 502AC/DC) cutting and gouging processes are also available.

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

The AC welding is here optimized thanks to:

**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

	MIG/MAG SYN PULSED/DOUBLE PULSED / TIG AC/DC HF / MMA / GOUGING
	CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
	EN: EN 60974-1 - EN 60974-3 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



<b>POWER PULSE 402AC/DC</b>																
3x400Vac ± 15% @ 50-60Hz																
32A																
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60%	100%							
-I <sub>z</sub>	400A	380A	340A	400A	380A	340A	400A	370A	340A							
I <sub>z</sub>	10A - 400A		5A - 400A		10A - 400A											
U <sub>o</sub> /U <sub>r</sub>	81V / 9V															
P <sub>i MAX</sub>	18,4kVA - 16.8kW															
IP	23															
l	1160 x 670 x 1530mm															
ØØØ	KIT 402AC/DC PP WF104 TF H <sub>2</sub> O - 208,0Kg															

<b>WPQR</b>										<b>Weco Data Manager</b>										
<b>POWER PULSE 322AC/DC</b>																				
3x400Vac ± 15% @ 50-60Hz																				
25A																				
% <sub>40°C</sub>	40%	60%	100%	45%	60%	100%	45%	60%	100%	40%	60%	100%	40%							
-I <sub>z</sub>	320A	270A	240A	320A	280A	240A	300A	270A	240A	320A	270A	240A	320A							
I <sub>z</sub>	10A - 320A			5A - 320A			10A - 300A													
U <sub>o</sub> /U <sub>r</sub>	72V / 11V																			
P <sub>i MAX</sub>	15,2kVA - 12.0kW																			
IP	23																			
l	1160 x 670 x 1530mm (con carrello e WF)																			
ØØØ	KIT 322AC/DC PP WF104 TF H <sub>2</sub> O - 197,9 Kg																			

<b>POWER PULSE 502AC/DC</b>															
3x400Vac ± 15% @ 50-60Hz															
40A															
% <sub>40°C</sub>	30%	60%	100%	30%	60%	100%	30%	60%	100%						
-I <sub>z</sub>	500A	380A	340A	500A	380A	340A	500A	370A	340A						
I <sub>z</sub>	10A - 500A			5A - 500A			10A - 500A								
U <sub>o</sub> /U <sub>r</sub>	81V / 9V														
P <sub>i MAX</sub>	25,5kVA - 23,4kW														
IP	23														
l	1160 x 670 x 1530mm														
ØØØ	KIT 502AC/DC PP WF104 TF H <sub>2</sub> O - 208,0Kg														

# Configuration Power Pulse 322AC/DC - 402AC/DC - 502AC/DC (WF104 - WF108) TWIN FEEDER

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
Power Pulse 322AC/DC	001.0141.0000
Power Pulse 402AC/DC	001.0124.0000
Power Pulse 502AC/DC	001.0125.0000
<b>WIRE FEEDER</b>	
WF104	001.0315.0000
WF108	001.0325.0000
Wheels Kit WF	010.0000.0012
<b>TROLLEY</b>	
Trolley L	004.0000.0011
Kit TWIN FEEDER (Switching PCB included)	004.0000.0202
Kit Twin Bottles	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-01 (AIR Version)	004.0000.0201
<b>COOLING UNIT</b>	
C.U.09	003.0000.0101
C.U.09 HP	003.0001.0101
C.U.18	003.0000.0181
Cooling Unit Filter	010.0000.0097
<b>EXTENSION CABLE POWER SOURCE - TROLLEY L</b>	
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
<b>Extension cable 70mm<sup>2</sup> L=2mt H<sub>2</sub>O</b>	<b>002.0001.0271</b>
<b>EXTENSION CABLE TROLLEY L - WF</b>	
Extension cable 70mm <sup>2</sup> L=0,65mt AIR	002.0001.0265
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Extension cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Extension cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Extension cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
<b>Extension cable 70mm<sup>2</sup> L=0,65mt H<sub>2</sub>O</b>	<b>002.0001.0275</b>
Extension cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	002.0001.0272
Extension cable 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Extension cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
RC02 Foot pedal	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
<b>KIT 322AC/DC PP WF104 TF AIR</b>	<b>006.0011.0276</b>
Power Pulse 322AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 322AC/DC PP WF108 TF AIR</b>	<b>006.0011.0277</b>
Power Pulse 322AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 402AC/DC PP WF104 TF AIR</b>	<b>006.0011.0278</b>
Power Pulse 402AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 402AC/DC PP WF108 TF AIR</b>	<b>006.0011.0279</b>
Power Pulse 402AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 502AC/DC PP WF104 TF AIR</b>	<b>006.0011.0280</b>
Power Pulse 502AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 502AC/DC PP WF108 TF AIR</b>	<b>006.0011.0281</b>
Power Pulse 502AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 322AC/DC PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0282</b>
Power Pulse 322AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 322AC/DC PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0283</b>
Power Pulse 322AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 402AC/DC PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0129</b>
Power Pulse 402AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 402AC/DC PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0284</b>
Power Pulse 402AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 502AC/DC PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0123</b>
Power Pulse 502AC/DC + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 502AC/DC PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0285</b>
Power Pulse 502AC/DC + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	

# Power Pulse 322T - 402T - 502T



200mm - 300mm Spools

3 x 400Vac



**WF104**



**WF108**

**Power Pulse 322T - 402T - 502T** is an Heavy Duty professional Multifunction 3 Phase Inverter Power Source with separated wire feeder WF104 - WF108.

**MMA, TIG DC HF and GOUGING (only 402T and 502T)** cutting and gouging processes are also available. A wide range of MIG-MAG synergic programs facilitate the fast selection of precise welding parameters using any welding wires.

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

: MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC HF / MMA / GOUGING
<b>CE:</b> 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
<b>EN:</b> EN 60974-1 - EN 60974-3 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



WPQR		Weco Data Manager	

## Power Pulse 322T

<b>DIN</b>	3x400Vac ± 15% @ 50-60Hz													
<b>U<sub>o</sub>/U<sub>r</sub></b>	25A													
<b>I<sub>2</sub></b>	MIG - MAG			TIG			MMA							
% <sub>40°C</sub>	-	60%	100%	-	60%	100%	-	60%	100%					
-I <sub>2</sub>	-	320A	260A	-	320A	260A	-	300A	250A					
I <sub>2</sub>	10A - 320A		5A - 320A		10A - 300A									
U <sub>o</sub> /U <sub>r</sub>	73V / 10V													
P <sub>MAX</sub>	15,2kVA - 11,6kW													
IP	23													
l	1160 x 670 x 1530mm													
ØØØ	KIT 322T PP WF104 4mt H <sub>2</sub> O - 153,3Kg													

## Power Pulse 402T

<b>DIN</b>	3x400Vac ± 15% @ 50-60Hz							
<b>U<sub>o</sub>/U<sub>r</sub></b>	32A							
<b>I<sub>2</sub></b>	MIG - MAG		TIG		MMA			
% <sub>40°C</sub>	100%	100%	100%					
-I <sub>2</sub>	400A	400A	400A					
I <sub>2</sub>	10A - 400A	5A - 400A	10A - 400A					
U <sub>o</sub> /U <sub>r</sub>	83V / 9V							
P <sub>MAX</sub>	18,4kVA - 16,8kW							
IP	23							
l	1160 x 670 x 1530mm							
ØØØ	KIT 402T PP WF104 4mt H <sub>2</sub> O - 163,5Kg							

## Power Pulse 502T

<b>DIN</b>	3x400Vac ± 15% @ 50-60Hz													
<b>U<sub>o</sub>/U<sub>r</sub></b>	40A													
<b>I<sub>2</sub></b>	MIG - MAG			TIG			MMA							
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60%	100%					
-I <sub>2</sub>	500A	450A	400A	500A	460A	400A	500A	450A	400A					
I <sub>2</sub>	10A - 500A		5A - 500A		10A - 500A									
U <sub>o</sub> /U <sub>r</sub>	83V / 9V													
P <sub>MAX</sub>	25.5kVA - 23.4kW													
IP	23													
l	1160 x 670 x 1530mm													
ØØØ	KIT 502T PP WF104 4mt H <sub>2</sub> O - 163,5Kg													

# Configuration Power Pulse 322T - 402T - 502T (WF104 - WF108)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
<b>Power Pulse 322T</b>	001.0139.0000
<b>Power Pulse 402T</b>	001.0117.0000
<b>Power Pulse 502T</b>	001.0118.0000
<b>WIRE FEEDER</b>	
<b>WF104</b>	001.0315.0000
<b>WF108</b>	001.0325.0000
<b>Wheels Kit WF</b>	010.0000.0012
<b>TROLLEY</b>	
<b>Trolley L</b>	004.0000.0011
<b>KIT SUPPORTS for Trolley L</b>	004.0000.0203
Kit Twin Bottles	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-01 (AIR Version)	004.0000.0201
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
<b>C.U.09</b>	003.0000.0101
C.U.09 HP	003.0001.0101
C.U.18	003.0000.0181
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0272
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0011
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0021
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0012
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0022
<b>TORCHES AND EARTH CABLE</b>	
<b>KIT PUSH PULL</b>	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L=4m H <sub>2</sub> O	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
RC02 Foot pedal	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
<b>KIT 322T PP WF104 4mt AIR</b>	<b>006.0011.0244</b>
Power Pulse 322T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 322T PP WF108 4mt AIR</b>	<b>006.0011.0245</b>
Power Pulse 322T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 402T PP WF104 4mt AIR</b>	<b>006.0011.0246</b>
Power Pulse 402T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 402T PP WF108 4mt AIR</b>	<b>006.0011.0247</b>
Power Pulse 402T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 502T PP WF104 4mt AIR</b>	<b>006.0011.0248</b>
Power Pulse 502T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 502T PP WF108 4mt AIR</b>	<b>006.0011.0249</b>
Power Pulse 502T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 322T PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0250</b>
Power Pulse 322T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 322T PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0251</b>
Power Pulse 322T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 402T PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0097</b>
Power Pulse 402T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 402T PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0252</b>
Power Pulse 402T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 502T PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0091</b>
Power Pulse 502T + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 502T PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0253</b>
Power Pulse 502T + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Kit Twin Bottles + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

# Power Pulse 322T - 402T - 502T

## TWIN FEEDER

200mm - 300mm Spools



3 x 400Vac



**Power Pulse 322T - 402T - 502T TWIN FEEDER** is an Heavy Duty professional Multifunction 3 Phase Inverter Power Source with **DOUBLE separated wire feeder** and **DOUBLE gas bottle holder**.

MMA, TIG DC HF and GOUGING (only 402T and 502T) cutting and gouging processes are also available.

The MIG MAG welding is here optimized thanks to:

Pulse HS  
Pulse HC  
Power Focus  
Power Root

The DC welding is here optimized thanks to:

TIG PULS up to 2,5 KHz  
TIG PULS SYN  
Dynamic Arc  
Q-Start  
Multi-Tack  
Q-Spot

: MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC HF / MMA / GOUGING
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-3 - EN 60974-5 - EN 60974-10

### Technology



### Special Functions



Power Pulse 402T			
3x400Vac ± 15% @ 50-60Hz			
	32A		
	MIG - MAG	TIG	MMA
% <sub>40°C</sub>	100%	100%	100%
-I <sub>z</sub>	400A	400A	400A
I <sub>z</sub>	10A - 400A	5A - 400A	10A - 400A
U <sub>o/U<sub>r</sub></sub>	83V / 9V		
P <sub>MAX</sub>	18,4kVA - 16,8kW		
IP	23		
	1160 x 670 x 1530mm		
ØØØ	KIT 402T PP WF104 TF H <sub>2</sub> O - 206,7Kg		

WPQR		Weco Data Manager			
<b>Power Pulse 322T</b>					
D <small>IN</small>	3x400Vac ± 15% @ 50-60Hz				
	25A				
	<b>MIG - MAG</b>				
% <sub>40°C</sub>	-	60%	100%		
-I <sub>z</sub>	-	320A	260A		
I <sub>z</sub>	10A - 320A				
U <sub>o/U<sub>r</sub></sub>	73V / 10V				
P <sub>MAX</sub>	15,2kVA - 11,6kW				
IP	23				
	1160 x 670 x 1530mm				
ØØØ	KIT 322T PP WF104 TF H <sub>2</sub> O - 196,5Kg				

Power Pulse 502T			
3x400Vac ± 15% @ 50-60Hz			
	40A		
	<b>MIG - MAG</b>		
% <sub>40°C</sub>	50%	60%	100%
-I <sub>z</sub>	500A	450A	400A
I <sub>z</sub>	10A - 500A		
U <sub>o/U<sub>r</sub></sub>	83V / 9V		
P <sub>MAX</sub>	25,5kVA - 23,4kW		
IP	23		
	1160 x 670 x 1530mm		
ØØØ	KIT 502T PP WF104 TF H <sub>2</sub> O - 206,7Kg		

# Configuration Power Pulse 322T - 402T - 502T (WF104 - WF108) TWIN FEEDER

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
<b>Power Pulse 322T</b>	001.0139.0000
<b>Power Pulse 402T</b>	001.0117.0000
<b>Power Pulse 502T</b>	001.0118.0000
<b>WIRE FEEDER</b>	
<b>WF104</b>	001.0315.0000
<b>WF108</b>	001.0325.0000
Wheels Kit WF	010.0000.0012
<b>TROLLEY</b>	
<b>Trolley L</b>	004.0000.0011
<b>Kit TWIN FEEDER (Switching PCB included)</b>	004.0000.0202
<b>Kit Twin Bottles</b>	004.0000.0204
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-01 (AIR Version)	004.0000.0201
<b>COOLING UNIT</b>	
<b>C.U.09</b>	003.0000.0101
C.U.09 HP	003.0001.0101
C.U.18	003.0000.0181
Cooling Unit Filter	010.0000.0097
<b>EXTENSION CABLE POWER SOURCE - TROLLEY L</b>	
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
<b>Extension cable 70mm<sup>2</sup> L=2mt H<sub>2</sub>O</b>	002.0001.0271
<b>EXTENSION CABLE TROLLEY L - WF</b>	
Extension cable 70mm <sup>2</sup> L=0,65mt AIR	002.0001.0265
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Extension cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Extension cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Extension cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
<b>Extension cable 70mm<sup>2</sup> L=0,65mt H<sub>2</sub>O</b>	002.0001.0275
Extension cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	002.0001.0272
Extension cable 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Extension cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>TORCHES AND EARTH CABLE</b>	
<b>KIT PUSH PULL</b>	010.0000.0039
* <b>KIT Digimanager</b>	010.0000.0049
* <b>Torch MIG DIGIMANAGER 501W L= 4m H<sub>2</sub>O</b>	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
* <b>RC08 Digimanager</b>	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
<b>RC04 Remote Control 2 potentiometers</b>	006.0003.0121
<b>RC06 Remote Control 2 up/down</b>	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>RC02 Foot pedal</b>	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
<b>KIT 322T PP WF104 TF AIR</b>	<b>006.0011.0254</b>
Power Pulse 322T + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 322T PP WF108 TF AIR</b>	<b>006.0011.0255</b>
Power Pulse 322T + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 402T PP WF104 TF AIR</b>	<b>006.0011.0256</b>
Power Pulse 402T + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 402T PP WF108 TF AIR</b>	<b>006.0011.0257</b>
Power Pulse 402T + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 502T PP WF104 TF AIR</b>	<b>006.0011.0258</b>
Power Pulse 502T + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 502T PP WF108 TF AIR</b>	<b>006.0011.0259</b>
Power Pulse 502T + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR	
<b>KIT 322T PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0260</b>
Power Pulse 322T + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 322T PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0261</b>
Power Pulse 322T + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 402T PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0262</b>
Power Pulse 402T + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 402T PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0263</b>
Power Pulse 402T + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 502T PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0264</b>
Power Pulse 502T + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	
<b>KIT 502T PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0265</b>
Power Pulse 502T + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O	

# Power Pulse 322 - 402 - 502



200mm - 300mm Spools

3 x 400Vac



**Power Pulse 322 - 402 - 502** is an Heavy Duty professional Multifunction 3 Phase Inverter Power Source with separated wire feeder WF104 - WF108.

**MMA, MMA cellulasic, Lift TIG DC and GOUGING (only 402 and 502)** cutting and gouging processes are also available. without intervening on the front panel of the machine.

The MIG MAG welding is here optimized thanks to:

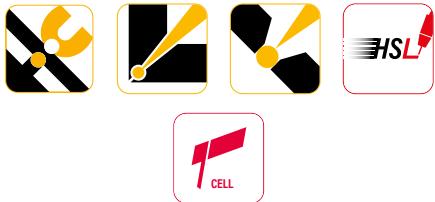
**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

: MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING
<b>CE:</b> 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
<b>EN:</b> EN 60974-1 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



Power Pulse 402			
3x400Vac ± 15% @ 50-60Hz			
	32A		
	MIG - MAG	TIG	MMA
% <sub>40°C</sub>	100%	100%	100%
-I <sub>s</sub>	400A	400A	400A
I <sub>s</sub>	10A - 400A	5A - 400A	5A - 400A
U <sub>o/U<sub>r</sub></sub>	83V / 9V		
P <sub>MAX</sub>	18,4kVA - 16,8kW		
IP	23		
	1160 x 670 x 1530mm		
ØØØ	KIT 402 PP WF104 4mt H <sub>2</sub> O - 153,3Kg		

WPQR		Weco Data Manager											
<b>Power Pulse 322</b>													
D⇒	3x400Vac ± 15% @ 50-60Hz												
---	25A												
---	MIG - MAG			TIG		MMA							
% <sub>40°C</sub>	60%	100 %		60%	100%	60%	100%						
-I <sub>s</sub>	320A	260A		320A	260A	300A	250A						
I <sub>s</sub>	10A - 320A			5A - 320A		10A - 300A							
U <sub>o/U<sub>r</sub></sub>	73V / 10V												
P <sub>MAX</sub>	15,2kVA - 11,6kW												
IP	23												
	1160 x 670 x 1530mm												
ØØØ	KIT 322 PP WF104 4mt H <sub>2</sub> O - 143,2Kg												

Power Pulse 502													
D⇒	3x400Vac ± 15% @ 50-60Hz												
---	40A												
---	MIG - MAG			TIG		MMA							
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60%	100%				
-I <sub>s</sub>	500A	450A	400A	500A	460A	400A	500A	450A	400A				
I <sub>s</sub>	10A - 500A			5A - 500A		5A - 500A							
U <sub>o/U<sub>r</sub></sub>	83V / 9V												
P <sub>MAX</sub>	25,5kVA - 23.4kW												
IP	23												
	1160 x 670 x 1530mm												
ØØØ	KIT 502 PP WF104 4mt H <sub>2</sub> O - 153,3Kg												

# Configuration Power Pulse 322 - 402 - 502 (WF104 - WF108)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Power Pulse 322</b>	001.0143.0000	
<b>Power Pulse 402</b>	001.0107.0000	
<b>Power Pulse 502</b>	001.0108.0000	
<b>WIRE FEEDER</b>		
<b>WF104</b>	001.0315.0000	
<b>WF108</b>	001.0325.0000	
<b>Wheels Kit WF</b>	010.0000.0012	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
<b>KIT SUPPORTS for Trolley L</b>	004.0000.0203	
Kit Twin Bottles	004.0000.0204	
Left Torch Holder Kit	010.0000.0073	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
Torch holder support for WF	004.0000.0215	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>CONNECTION CABLE</b>		
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261	
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262	
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266	
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263	
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271	
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0272	
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276	
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273	
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>		
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0011	
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0021	
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0012	
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0022	
<b>TORCHES AND EARTH CABLE</b>		
<b>KIT PUSH PULL</b>	010.0000.0039	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
Torch TIG 26V L=4m	006.0005.0002	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	

CONFIGURATION	CODE	
<b>KIT 322 PP WF104 4mt AIR</b>	<b>006.0011.0223</b>	
Power Pulse 322 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 322 PP WF108 4mt AIR</b>	<b>006.0011.0224</b>	
Power Pulse 322 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 402 PP WF104 4mt AIR</b>	<b>006.0011.0225</b>	
Power Pulse 402 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 402 PP WF108 4mt AIR</b>	<b>006.0011.0226</b>	
Power Pulse 402 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 502 PP WF104 4mt AIR</b>	<b>006.0011.0227</b>	
Power Pulse 502 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 502 PP WF108 4mt AIR</b>	<b>006.0011.0228</b>	
Power Pulse 502 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + Tool BOX VP-01 + Connection cable 70mm <sup>2</sup> L=4mt AIR		
<b>KIT 322 PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0229</b>	
Power Pulse 322 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O + Kit Twin Bottles		
<b>KIT 322 PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0230</b>	
Power Pulse 322 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O		
<b>KIT 402 PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0098</b>	
Power Pulse 402 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O		
<b>KIT 402 PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0231</b>	
Power Pulse 402 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O		
<b>KIT 502 PP WF104 4mt H<sub>2</sub>O</b>	<b>006.0011.0099</b>	
Power Pulse 502 + WF104 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O		
<b>KIT 502 PP WF108 4mt H<sub>2</sub>O</b>	<b>006.0011.0232</b>	
Power Pulse 502 + WF108 + Wheels Kit WF + Trolley L + KIT supports Trolley L + C.U.09 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O		

# Power Pulse 322 - 402 - 502

## TWIN FEEDER

200mm - 300mm Spools



3 x 400Vac



WF104

WF108

**Power Pulse 322 - 402 - 502 TWIN FEEDER** is an Heavy Duty professional 3 Phase Inverter Power Source with **DOUBLE separated wire feeder** and **DOUBLE gas bottle holder**. **MMA, MMA cellulosic, Lift TIG DC and GOUGING (only 402 and 502)** cutting and gouging processes are also available.

The MIG MAG welding is here optimized thanks to:

Pulse HS  
Pulse HC  
Power Focus  
Power Root

MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING		
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)		
EN: EN 60974-1 - EN 60974-5 - EN 60974-10		
<b>Technology</b>		
<b>Special Functions</b>		

WPQR		Weco Data Manager							
<b>Power Pulse 322</b>									
	3x400Vac ± 15% @ 50-60Hz								
	25A								
	MIG - MAG		TIG		MMA				
% <sub>40°C</sub>	60%	100 %	60%	100%	60% 100%				
-I <sub>z</sub>	320A	260A	320A	260A	300A 250A				
I <sub>z</sub>	10A - 320A		5A - 320A		10A - 300A				
U <sub>o</sub> /U <sub>r</sub>	73V / 10V								
R <sub>i MAX</sub>	15,2kVA - 11,6kW								
IP	23								
	1160 x 670 x 1530mm								
ØØØ	KIT 322 PP WF104 TF H <sub>2</sub> O - 192,0Kg								

Power Pulse 402			
		3x400Vac ± 15% @ 50-60Hz	
	32A		
	MIG - MAG	TIG	MMA
% <sub>40°C</sub>	100%	100%	100%
-I <sub>z</sub>	400A	400A	400A
I <sub>z</sub>	10A - 400A	5A - 400A	5A - 400A
U <sub>o</sub> /U <sub>r</sub>	83V / 9V		
R <sub>i MAX</sub>	18,4kVA - 16,8kW		
IP	23		
	1160 x 670 x 1530mm		
ØØØ	KIT 402 PP WF104 TF H <sub>2</sub> O - 202,1Kg		

Power Pulse 502													
	3x400Vac ± 15% @ 50-60Hz												
	40A												
	MIG - MAG						TIG						
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	50%	60% 100%					
-I <sub>z</sub>	500A	450A	400A	500A	460A	400A	500A	450A 400A					
I <sub>z</sub>	10A - 500A			5A - 500A			5A - 500A						
U <sub>o</sub> /U <sub>r</sub>	83V / 9V												
R <sub>i MAX</sub>	25,5kVA - 23.4kW												
IP	23												
	1160 x 670 x 1530mm												
ØØØ	KIT 502 PP WF104 TF H <sub>2</sub> O - 202,1Kg												

# Configuration Power Pulse 322 - 402 - 502 (WF104 - WF108)

## TWIN FEEDER

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Power Pulse 322</b>	001.0143.0000	
<b>Power Pulse 402</b>	001.0107.0000	
<b>Power Pulse 502</b>	001.0108.0000	
<b>WIRE FEEDER</b>		
<b>WF104</b>	001.0315.0000	
<b>WF108</b>	001.0325.0000	
Wheels Kit WF	010.0000.0012	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
<b>Kit TWIN FEEDER (Switching PCB included)</b>	004.0000.0202	
<b>Kit Twin Bottles</b>	004.0000.0204	
Left Torch Holder Kit	010.0000.0073	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>EXTENSION CABLE POWER SOURCE - TROLLEY L</b>		
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261	
<b>Extension cable 70mm<sup>2</sup> L=2mt H<sub>2</sub>O</b>	002.0001.0271	
<b>EXTENSION CABLE TROLLEY L - WF</b>		
Extension cable 70mm <sup>2</sup> L=0,65mt AIR	002.0001.0265	
Extension cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261	
Extension cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262	
Extension cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266	
Extension cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263	
<b>Extension cable 70mm<sup>2</sup> L=0,65mt H<sub>2</sub>O</b>	002.0001.0275	
Extension cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271	
Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	002.0001.0272	
Extension cable 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276	
Extension cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273	
<b>TORCHES AND EARTH CABLE</b>		
<b>KIT PUSH PULL</b>	010.0000.0039	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
Torch TIG 26V L=4m	006.0005.0002	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	

CONFIGURATION	CODE	
<b>KIT 322 PP WF104 TF AIR</b>	<b>006.0011.0233</b>	
Power Pulse 322 + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 322 PP WF108 TF AIR</b>	<b>006.0011.0234</b>	
Power Pulse 322 + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 402 PP WF104 TF AIR</b>	<b>006.0011.0235</b>	
Power Pulse 402 + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 402 PP WF108 TF AIR</b>	<b>006.0011.0236</b>	
Power Pulse 402 + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 502 PP WF104 TF AIR</b>	<b>006.0011.0237</b>	
Power Pulse 502 + (2) WF104 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 502 PP WF108 TF AIR</b>	<b>006.0011.0238</b>	
Power Pulse 502 + (2) WF108 + Trolley L + Kit TWIN FEEDER + Tool BOX VP-01 + Kit Twin Bottles + Extension cable L=2m AIR + (2) Extension cable L=0,65m AIR		
<b>KIT 322 PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0239</b>	
Power Pulse 322 + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		
<b>KIT 322 PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0240</b>	
Power Pulse 322 + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		
<b>KIT 402 PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0108</b>	
Power Pulse 402 + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		
<b>KIT 402 PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0241</b>	
Power Pulse 402 + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		
<b>KIT 502 PP WF104 TF H<sub>2</sub>O</b>	<b>006.0011.0242</b>	
Power Pulse 502 + (2) WF104 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		
<b>KIT 502 PP WF108 TF H<sub>2</sub>O</b>	<b>006.0011.0243</b>	
Power Pulse 502 + (2) WF108 + Trolley L + Kit TWIN FEEDER + C.U.09 + Kit Twin Bottles + Extension cable L=2m H <sub>2</sub> O + (2) Extension cable L=0,65m H <sub>2</sub> O		

# Pioneer Pulse 403MSR - 503MSR



200mm - 300mm Spools

3 x 400Vac

## Trolley R



**Pioneer 403-503MSR** is a professional synergic 3 Phase Inverter Power Source with separated wire feeder for **MIG-MAG Pulsed** and **Double Pulsed, short and spray arc** for welding of different materials such as standard steels, inox and aluminum.

**Pioneer 403-503MSR** permit also the following processes **MMA**, **TIG DC** with **Lift-Arc** and **GOUGING**, it is a proper multifunction system.

The MIG MAG welding is here optimized thanks to:

**Power Focus**

**Power Root**

## BASIC



	MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING
<b>CE:</b>	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
<b>EN:</b>	EN 60974-1 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



### Pioneer Pulse 403MSR

	3x400Vac ± 15% @ 50-60Hz						
	25A						
	MIG - MAG		TIG	MMA			
% <sub>40°C</sub>	65%	100%	100%	65%	100%		
-I <sub>s</sub>	400A	370A	400A	400A	370A		
I <sub>s</sub>	10A - 400A		10A - 400A	10A - 400A			
U <sub>o</sub> /U <sub>r</sub>	62V / 10V						
P <sub>MAX</sub>	19,3KVA – 16,4 KW						
IP	23						
	460 x 990 x 1370mm						
ØØØ	KIT 403MSR PP 4mt H <sub>2</sub> O BASIC - 118,5Kg						

### Pioneer Pulse 503MSR

	3x400Vac ± 15% @ 50-60Hz						
	32A						
	MIG - MAG		TIG	MMA			
% <sub>40°C</sub>	30%	60%	100%	35%	60%		
-I <sub>s</sub>	500A	430A	400A	500A	450A		
I <sub>s</sub>	10A – 500A		10A – 500A	10A – 500A			
U <sub>o</sub> /U <sub>r</sub>	62V / 10V						
P <sub>MAX</sub>	25,5KVA – 22,3KW						
IP	23						
	460 x 990 x 1370mm						
ØØØ	KIT 503MSR PP 4mt H <sub>2</sub> O BASIC - 118,5Kg						

# Configuration Pioneer Pulse 403MSR - 503MSR (WF203)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
Pioneer Pulse 403MSR	001.0097.0000
Pioneer Pulse 503MSR	001.0098.0000
<b>WIRE FEEDER</b>	
WF203	001.0329.0000
Wheels Kit WF	010.0000.0012
<b>TROLLEY BASIC/FULL OPTIONAL</b>	
Pioneer Wheels Kit And Supports	010.0004.0063
Pioneer Handle Kit	010.0004.0070
Pioneer Cable Support Kit	004.0000.0213
<b>TROLLEY</b>	
Trolley R	004.0000.0018
KIT Supports for Trolley R	004.0000.0216
Trolley L	004.0000.0011
KIT Supports for Trolley L	004.0000.0203
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-03 (AIR Version)	004.0000.0214
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
C.U.23	003.0000.0141
C.U.28	003.0000.0221
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0291
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0292
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0296
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0293
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0281
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0282
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0286
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0283
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0031
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0041
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0032
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0042
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 26V L=4m	006.0005.0002
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURAZIONI	CODE
<b>KIT 403MSR PP 4mt AIR BASIC</b>	<b>006.0011.0401</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR PP 4mt AIR BASIC</b>	<b>006.0011.0397</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR PP 4mt H<sub>2</sub>O BASIC</b>	<b>006.0011.0383</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR PP 4mt H<sub>2</sub>O BASIC</b>	<b>006.0011.0384</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR PP 4mt AIR FULL OPTIONAL</b>	<b>006.0011.0402</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + Tool BOX VP-03 + PROLUNGA 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR PP 4mt AIR FULL OPTIONAL</b>	<b>006.0011.0403</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + Tool BOX VP-03 + PROLUNGA 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR PP 4mt H<sub>2</sub>O FULL OPTIONAL</b>	<b>006.0011.0385</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR PP 4mt H<sub>2</sub>O FULL OPTIONAL</b>	<b>006.0011.0386</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR PP 4mt AIR TROLLEY R</b>	<b>006.0011.0406</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT Supports for Trolley R + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR PP 4mt AIR TROLLEY R</b>	<b>006.0011.0405</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT Supports for Trolley R + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR PP 4mt H<sub>2</sub>O TROLLEY R</b>	<b>006.0011.0396</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT Supports for Trolley R + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR PP 4mt H<sub>2</sub>O TROLLEY R</b>	<b>006.0011.0404</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT Supports for Trolley R + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR PP 4mt AIR TROLLEY L</b>	<b>006.0011.0407</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR PP 4mt AIR TROLLEY L</b>	<b>006.0011.0408</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR PP 4mt H<sub>2</sub>O TROLLEY L</b>	<b>006.0011.0387</b>
Pioneer Pulse 403MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR PP 4mt H<sub>2</sub>O TROLLEY L</b>	<b>006.0011.0388</b>
Pioneer Pulse 503MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

# Pioneer Pulse 321MSR



200mm - 300mm Spools

3 x 400Vac



**WF104**



**WF108**

**Pioneer Pulse 321MSR** is a professional 3 Phase Inverter Power Source with separated wire feeder WF 104/108.

A wide range of MIG-MAG synergic programs facilitate the fast selection of precise welding parameters using any welding wires.

**Pulse Synergic and Double Pulse Synergic** modes guarantee excellent bead appearance without spatters and deformations of aluminum, stainless steel and mild steel welding.

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

: MIG/MAG SYN PULSED/DIPOLE PULSED
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>POWER INVERTER INSIDE</p> </div> <div style="text-align: center;"> <p>HAC HYBRID ARC CONTROL</p> </div> </div>
<b>Special Functions</b>
<div style="display: flex; justify-content: space-around;"> </div>

WPQR	Weco Data Manager

Pioneer Pulse 321MSR			
			3x400Vac ± 15% @ 50-60Hz
			25A
% <sub>40°C</sub>	45%	60%	100%
-I <sub>s</sub>	320A	280A	230A
I <sub>s</sub>	10A - 320A		
U <sub>o</sub> /U <sub>r</sub>	71V / 11V		
P <sub>MAX</sub>	14.6kVA - 10.9KW		
IP	23		
	1110 x 550 x925mm		
	KIT 321MSR PP WF104 4mt H <sub>2</sub> O - 127,0Kg		

# Configuration Pioneer Pulse 321MSR (WF104 - WF108)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
Pioneer Pulse 321MSR	001.0129.0000
<b>WIRE FEEDER</b>	
WF104	001.0315.0000
WF108	001.0325.0000
Wheels Kit WF	010.0000.0012
<b>COOLING UNIT</b>	
C.U.07C	003.0000.0161
C.U.07C HP	003.0001.0161
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0272
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0011
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0021
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0012
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0022
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016
Torch MIG 36 L= 4m AIR EURO	006.0008.0004
Torch MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Left Torch Holder Kit	010.0000.0073
Torch holder support for WF	004.0000.0215
Gas regulator FLOWMETER	006.0002.0005

CONFIGURATION	CODE
KIT 321MSR PP WF104 4mt AIR	006.0011.0220
Pioneer Pulse 321MSR + WF104 + Wheels Kit WF + Extension cable 70mm <sup>2</sup> L=4mt AIR	
KIT 321MSR PP WF108 4mt AIR	006.0011.0221
Pioneer Pulse 321MSR + C.U.07C + WF104 + Wheels Kit WF + Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 321MSR PP WF104 4mt H <sub>2</sub> O	006.0011.0074
Pioneer Pulse 321MSR + WF104 + Wheels Kit WF + C.U.07C + Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
KIT 321MSR PP WF108 4mt H <sub>2</sub> O	006.0011.0222
Pioneer Pulse 321MSR + WF108 + Wheels Kit WF + C.U.07C + Extension cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

# Pioneer Pulse 403MKS



## 200mm - 300mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

3 x 400Vac

### Trolley R

### Basic



	MIG/MAG SYN PULSED/DIDOUBLE PULSED / TIG DC LIFT / MMA / GOUGING
	CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
	EN: EN 60974-1 - EN 60974-5 - EN 60974-10

### Technology



### Special Functions



Pioneer Pulse 403MKS																
	3x400Vac ± 15% @ 50-60Hz															
	25A															
	MIG - MAG			TIG		MMA										
% <sub>40°C</sub>	40%	60%	100%	40%	60%	100%	40%	60%	100%							
-I <sub>A</sub>	400A	350A	320A	400A	350A	320A	400A	350A	320A							
I <sub>A</sub>	10A - 400A		10A - 400A		10A - 400A											
U <sub>o</sub> /U <sub>r</sub>	66V / 10V															
P <sub>MAX</sub>	18,9kVA - 16,2kW															
IP	23															
	460 x 990 x 940mm (basic)															
	KIT 403MKS PP H <sub>2</sub> O BASIC - 90,4Kg															

**Pioneer Pulse 403MKS** is a compact professional synergic 3 Phase Inverter Power Source for **MIG-MAG Pulsed and Double Pulsed, short and spray arc** for welding of different materials such as standard steels, inox and aluminum.

**Pioneer Pulse 403MKS** permit also the following processes **MMA, TIG DC with Lift-Arc and GOUGING**, it is a proper multifunction system.

The MIG MAG welding is here optimized thanks to:

**Power Focus**

**Power Root**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Pioneer Pulse 403MKS</b>	001.0185.0000	
<b>TROLLEY BASIC/FULL OPTIONAL</b>		
Pioneer 403 MKS Wheels Kit	010.0004.0062	
Pioneer Handle Kit	010.0004.0070	
Pioneer Cable Support Kit	004.0000.0213	
<b>TROLLEY</b>		
<b>Trolley R</b>	004.0000.0018	
Tool BOX VP-03 (AIR Version)	004.0000.0214	
<b>COOLING UNIT</b>		
<b>C.U.23</b>	003.0000.0141	
C.U.28	003.0000.0221	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0039	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
Torch TIG 26V L=4m	006.0005.0002	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Left Torch Holder Kit	010.0000.0095	
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
<b>KIT 403MKS PP AIR BASIC</b>	006.0011.0428	
Pioneer Pulse 403MKS + Pioneer 403 MKS Wheels Kit + VP-03		
<b>KIT 403MKS PP H<sub>2</sub>O BASIC</b>	006.0011.0415	
Pioneer Pulse 403MKS + Pioneer 403 MKS Wheels Kit + C.U.23		
<b>KIT 403MKS PP AIR TROLLEY R</b>	006.0011.0429	
Pioneer Pulse 403MKS + TROLLEY R + VP-03		
<b>KIT 403MKS PP H<sub>2</sub>O TROLLEY R</b>	006.0011.0430	
Pioneer Pulse 403MKS + TROLLEY R + C.U.23		

# Pioneer Pulse 321MKS



## 200mm - 300mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

3 x 400Vac



**Pioneer Pulse 321MKS** is professional 3 Phase Inverter Power Source (320A 45% at 40°C) MIG-MAG available modes are: **Manual, Synergic, Pulse Synergic and Double Pulse Synergic.**

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Pulse HC**  
**Power Focus**  
**Power Root**

: MIG/MAG SYN PULSED/DIPOLE PULSED
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>
 
<b>Special Functions</b>
   

Pioneer Pulse 321MKS			
3x400Vac ± 15% @ 50-60Hz			
25A			
MIG/MAG			
% <sub>40°C</sub>	45%	60%	100%
-I <sub>A</sub>	320A	280A	230A
I <sub>A</sub>	10A - 320A		
U <sub>0</sub> /U <sub>r</sub>	71V / 11V		
P <sub>MAX</sub>	14.6kVA - 10.9KW		
IP	23		
Ł	1110 x 550 x 805mm		
ØØØ	KIT 321MKS Pioneer Pulse H <sub>2</sub> O - 100,3Kg		

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Pioneer Pulse 321MKS</b>	001.0070.0000	
<b>COOLING UNIT</b>		
C.U.07C	003.0000.0161	
C.U.07C HP	003.0001.0161	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0039	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG 36 L= 4m AIR EURO	006.0008.0004	
Torch MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Left Torch Holder Kit	010.0000.0073	
Gas regulator FLOWMETER	006.0002.0005	

CONFIGURATION	CODE	
KIT 321MKS Pioneer Pulse H <sub>2</sub> O	006.0011.0127	
Pioneer Pulse 321MKS + C.U.07C		
<b>WPQR</b>		<b>Weco Data Manager</b>
		

# MicroPulse 302MFK



## 200mm - 300mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=30 d=14

3 x 400Vac



**MicroPulse 302MFK** is a compact, synergic, 3 Phase and robust designed Inverter for **MIG/MAG Synergic, Pulse Synergic and Double Pulse Synergic, MMA and Lift TIG** Arc welding.

The MIG MAG welding is here optimized thanks to:

**Pulse HS**  
**Power Focus**  
**Power Root**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>MicroPulse 302MFK</b>	001.0121.0000	
<b>TROLLEY</b>		
Trolley 03	006.0002.0042	
Sliding Kit 5 MicroMAG 302	010.0000.0045	
Trolley Q	004.0000.0015	
Plate support Trolley Q- H <sub>2</sub> O	011.0015.0268	
Tool BOX VP-02 (AIR Version)	004.0000.0211	
<b>COOLING UNIT</b>		
<b>C.U.11</b>	003.0000.0131	
C.U.11 HP	003.0001.0131	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0062	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG 36 L= 4m AIR EURO	006.0008.0004	
Torch MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
Torch TIG 26 L= 4m AIR EURO	006.0005.0011	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	

: MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA

**CE:** 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

**EN:** EN 60974-1 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions

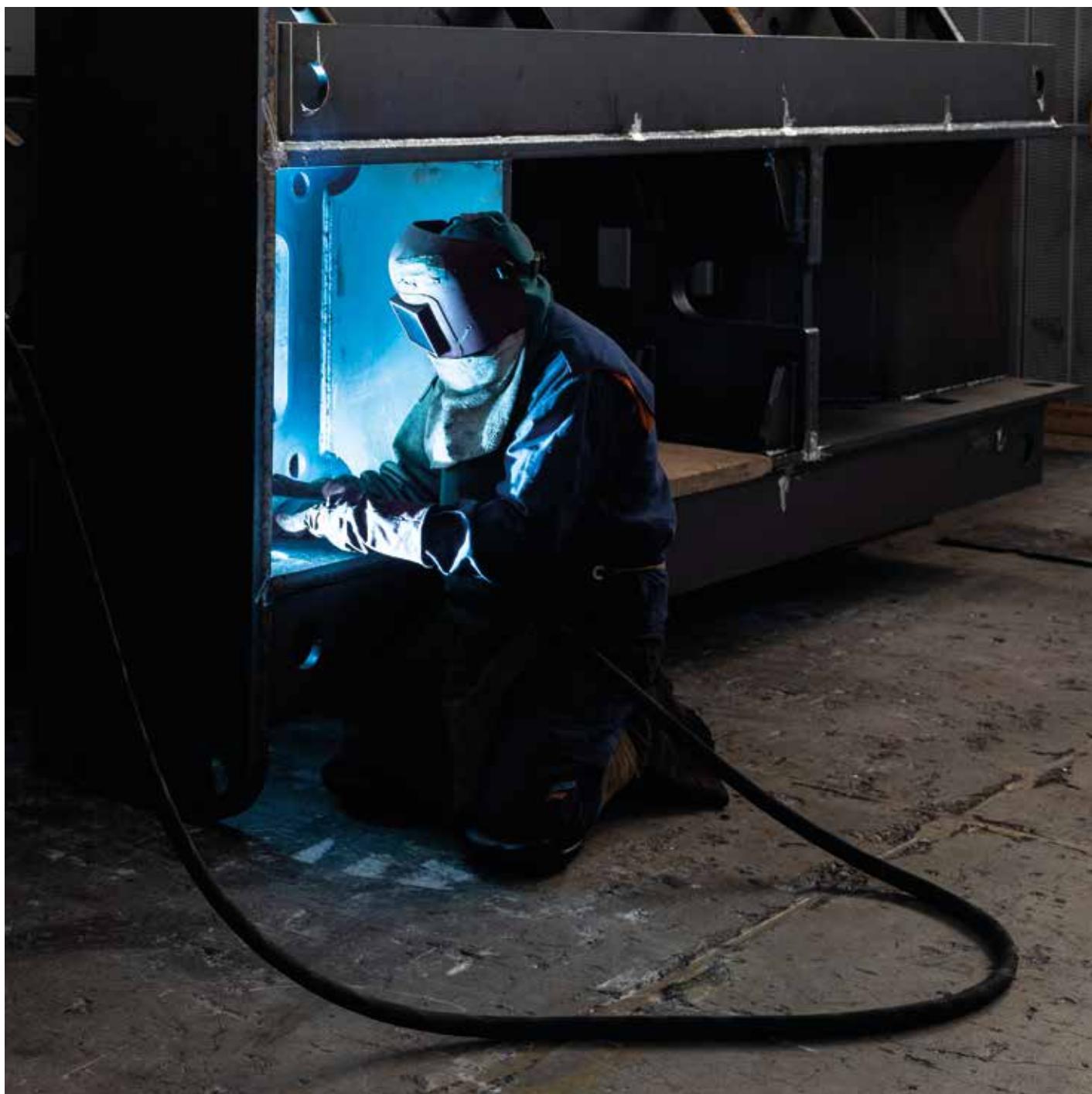


MicroPulse 302MFK																
		3x400Vac ± 15% @ 50-60Hz														
		16A														
		MIG - MAG			TIG		MMA									
% <sub>40°C</sub>	35%	60%	100%	50%	60%	100%	40%	60%	100%							
-I <sub>z</sub>	300A	230A	200A	250A	240A	210A	250A	220A	190A							
I <sub>z</sub>	10A - 300A		5A - 250A		5A - 250A											
U <sub>o</sub> /U <sub>r</sub>	60V / 11V															
P <sub>MAX</sub>	10,3KVA -9,7KW															
IP	23S															
	560 x 280 x 390mm															
ØØØ	24,4 Kg															

CONFIGURATION	CODE	
<b>KIT Micropulse 302MFK H<sub>2</sub>O Trolley 03</b>	<b>006.0011.0219</b>	
Micropulse 302MFK + C.U.11 + Trolley 03		
<b>KIT Micropulse 302MFK H<sub>2</sub>O Trolley Q</b>		
Micropulse 302MFK + C.U.11 + Trolley Q + Plate support Trolley Q- H <sub>2</sub> O		
<b>KIT Micropulse 302MFK AIR Trolley Q</b>	<b>006.0011.0410</b>	
Micropulse 302MFK + Trolley Q + VP02		
<b>WPQR</b>		







**MIG-MAG SYNERGIC  
MULTIFUNCTION**

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# Pioneer 403MSR - 503MSR

200mm - 300mm Spools

3 x 400Vac

## Trolley R



**Pioneer 403-503MSR** is a professional synergic 3 Phase Inverter Power Source with separated wire feeder for **MIG-MAG short spray welding** of different materials such as standard steels, inox and aluminum.

**Pioneer 403-503MSR** permit also the following processes **MMA, TIG DC with Lift-Arc and GOUGING**, it is a proper multifunction system.

The MIG MAG welding is here optimized thanks to:

**Power Focus**

**Power Root**

## BASIC



: MIG/MAG SYNERGIC / TIG DC LIFT / MMA / GOUGING

CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

EN: EN 60974-1 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



### Pioneer 403MSR

	3x400Vac ± 15% @ 50-60Hz				
	25A				
	MIG - MAG		TIG	MMA	
% <sub>40°C</sub>	65%	100%	100%	65%	100%
-I <sub>z</sub>	400A	370A	400A	400A	370A
I <sub>z</sub>	10A - 400A	10A - 400A	10A - 400A	10A - 400A	10A - 400A
U <sub>o</sub> /U <sub>r</sub>	62V / 10V				
P <sub>MAX</sub>	19,3KVA - 16,4KW				
IP	23				
	460 x 990 x 1370mm				
ØØØ	KIT 403MSR 4m H2O BASIC - 118,5Kg				

### Pioneer 503MSR

	3x400Vac ± 15% @ 50-60Hz							
	32A							
	MIG - MAG				TIG			MMA
% <sub>40°C</sub>	30%	60%	100%	35%	60%	100%	30%	60%
-I <sub>z</sub>	500A	430A	400A	500A	450A	420A	500A	430A
I <sub>z</sub>	10A - 500A	10A - 500A	10A - 500A	10A - 500A	10A - 500A	10A - 500A	10A - 500A	10A - 500A
U <sub>o</sub> /U <sub>r</sub>	62V / 10V							
P <sub>MAX</sub>	25,5KVA - 22,3KW							
IP	23							
	460 x 990 x 1370mm							
ØØØ	KIT 503MSR 4m H2O BASIC - 118,5Kg							

# Configuration Pioneer 403MSR - 503MSR (WF203)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

ITEM	CODE
<b>POWER SOURCE</b>	
Pioneer 403MSR	001.0095.0000
Pioneer 503MSR	001.0096.0000
<b>WIRE FEEDER</b>	
WF203	001.0329.0000
Wheels Kit WF	010.0000.0012
<b>TROLLEY BASIC/FULL OPTIONAL</b>	
Pioneer Wheels Kit And Supports	010.0004.0063
Pioneer Handle Kit	010.0004.0070
Pioneer Cable Support Kit	004.0000.0213
<b>TROLLEY</b>	
Trolley R	004.0000.0018
KIT SUPPORTS for Trolley R	004.0000.0216
Trolley L	004.0000.0011
KIT SUPPORTS for Trolley L	004.0000.0203
Left Torch Holder Kit	010.0000.0073
Tool BOX VP-03 (AIR Version)	004.0000.0214
Torch holder support for WF	004.0000.0215
<b>COOLING UNIT</b>	
C.U.23	003.0000.0141
C.U.28	003.0000.0221
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0291
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0292
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0296
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0293
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0281
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	002.0001.0282
Connection cableE 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0286
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0283
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0031
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0041
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0032
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0042
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0039
*KIT Digimanager	010.0000.0049
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
Torch TIG 26V L=4m	006.0005.0002
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
<b>REMOTE CONTROLS</b>	
*RC08 Digimanager	006.0003.0124
Cable RC08 L=5m	022.0002.0280
Cable RC08 L=10m	022.0002.0281
Cable RC08 L=15m	022.0002.0282
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Gas regulator FLOWMETER	006.0002.0005

CONFIGURAZIONI	CODE
<b>KIT 403MSR 4mt AIR BASIC</b>	<b>006.0011.0365</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR 4mt AIR BASIC</b>	<b>006.0011.0416</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR 4m H<sub>2</sub>O BASIC</b>	<b>006.0011.0326</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR 4m H<sub>2</sub>O BASIC</b>	<b>006.0011.0322</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR 4mt AIR FULL OPTIONAL</b>	<b>006.0011.0417</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + Tool BOX VP-03 + PROLUNGA 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR 4mt AIR FULL OPTIONAL</b>	<b>006.0011.0418</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + Tool BOX VP-03 + PROLUNGA 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR 4m H<sub>2</sub>O FULL OPTIONAL</b>	<b>006.0011.0346</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR 4m H<sub>2</sub>O FULL OPTIONAL</b>	<b>006.0011.0347</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + Pioneer Wheels Kit And Supports + Pioneer Handle Kit + Pioneer Cable Support Kit + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR 4mt AIR TROLLEY R</b>	<b>006.0011.0419</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT SUPPORTS for Trolley R + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR 4mt AIR TROLLEY R</b>	<b>006.0011.0420</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT SUPPORTS for Trolley R + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR 4mt H<sub>2</sub>O TROLLEY R</b>	<b>006.0011.0421</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT SUPPORTS for Trolley R + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR 4mt H<sub>2</sub>O TROLLEY R</b>	<b>006.0011.0422</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + TROLLEY R + KIT SUPPORTS for Trolley R + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 403MSR 4mt AIR TROLLEY L</b>	<b>006.0011.0423</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 503MSR 4mt AIR TROLLEY L</b>	<b>006.0011.0424</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + Tool BOX VP-03 + Connection cable 70mm <sup>2</sup> L=4mt AIR	
<b>KIT 403MSR 4m H<sub>2</sub>O TROLLEY L</b>	<b>006.0011.0348</b>
Pioneer 403MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	
<b>KIT 503MSR 4m H<sub>2</sub>O TROLLEY L</b>	<b>006.0011.0349</b>
Pioneer 503MSR + WF203 + Wheels Kit WF + TROLLEY L + KIT SUPPORTS for Trolley L + C.U.23 + Connection cable 70mm <sup>2</sup> L=4mt H <sub>2</sub> O	

# Pioneer 403MKS



**200mm - 300mm Spools**

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=37 d=19

**3 x 400Vac**

## Trolley R

## Basic



: MIG/MAG SYNERGIC / TIG DC LIFT / MMA / GOUGING

**CE:** 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

**EN:** EN 60974-1 - EN 60974-5 - EN 60974-10

## Technology



## Special Functions



Pioneer 403MKS																
		3x400Vac ± 15% @ 50-60Hz														
		25A														
		MIG - MAG			TIG		MMA									
% <sub>40°C</sub>	40%	60%	100%	40%	60%	100%	40%	60%	100%							
-I <sub>a</sub>	400A	350A	320A	400A	350A	320A	400A	350A	320A							
I <sub>s</sub>	10A - 400A		10A - 400A		10A - 400A											
U <sub>o</sub> /U <sub>r</sub>	66V / 10V															
P <sub>MAX</sub>	18,9kVA - 16,2kW															
IP	23															
	460 x 990 x 940mm (basic)															
	KIT 403MKS H <sub>2</sub> O BASIC - 90,4Kg															

**Pioneer 403MKS** is a compact professional synergic 3 Phase Inverter Power Source for **MIG-MAG short and spray arc** for welding of different materials such as standard steels, inox and aluminum.

**Pioneer 403MKS** permit also the following processes **MMA, TIG DC with Lift-Arc and GOUGING**, it is a proper multifunction system.

The MIG MAG welding is here optimized thanks to:

**Power Focus**

**Power Root**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Pioneer 403MKS</b>	001.0184.0000	
<b>TROLLEY BASIC/FULL OPTIONAL</b>		
Pioneer 403 MKS Wheels Kit	010.0004.0062	
Pioneer Handle Kit	010.0004.0070	
Pioneer Cable Support Kit	004.0000.0213	
<b>TROLLEY</b>		
<b>Trolley R</b>	004.0000.0018	
Tool BOX VP-03 (AIR Version)	004.0000.0214	
<b>COOLING UNIT</b>		
<b>C.U.23</b>	003.0000.0141	
C.U.28	003.0000.0221	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0039	
*KIT Digimanager	010.0000.0049	
*Torch MIG DIGIMANAGER 501W L= 4m H <sub>2</sub> O	006.0008.0016	
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
Torch TIG 26V L=4m	006.0005.0002	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
<b>REMOTE CONTROLS</b>		
*RC08 Digimanager	006.0003.0124	
Cable RC08 L=5m	022.0002.0280	
Cable RC08 L=10m	022.0002.0281	
Cable RC08 L=15m	022.0002.0282	
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Torch Holder Kit	010.0000.0095	
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
<b>KIT 403MKS AIR BASIC</b>	006.0011.0425	
Pioneer 403MKS + Pioneer 403 MKS Wheels Kit + VP-03		
<b>KIT 403MKS H<sub>2</sub>O BASIC</b>	006.0011.0413	
Pioneer 403MKS + Pioneer 403 MKS Wheels Kit + C.U.23		
<b>KIT 403MKS AIR TROLLEY R</b>	006.0011.0426	
Pioneer 403MKS + TROLLEY R + VP-03		
<b>KIT 403MKS H<sub>2</sub>O TROLLEY R</b>	006.0011.0427	
Pioneer 403MKS + TROLLEY R + C.U.23		

# MicroMag 302MFK

## 200mm - 300mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=30 d=14

3 x 400Vac



**MicroMAG 302MFK** is a compact, synergic, 3 Phase and robust designed Inverter for **MIG-MAG Short-Spray Arc , MMA and Lift TIG** Arc welding.

Easy to transport, **only 22kg**, it is the best option for maintenance and repair on field, shipyard and off-shore operations.

: MIG/MAG SYNERGIC / TIG DC LIFT / MMA
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>

MicroMag 302MFK																
3x400Vac ± 15% @ 50-60Hz																
16A																
MIG - MAG	TIG			MMA												
35% 60% 100%	50%	60%	100%	40%	60%	100%										
• I <sub>z</sub>	300A	230A	200A	250A	240A	210A	250A	220A	190A							
I <sub>z</sub>	10A - 300A		5A - 250A			10A - 250A										
U <sub>o</sub> /U <sub>r</sub>	60V / 11V															
P <sub>MAX</sub>	10,3KVA -9,7KW															
IP	23S															
•	560 x 280 x 390mm															
•	23,4 Kg															

ITEM	CODE	
<b>POWER SOURCE</b>		
MicroMag 302MFK	001.0069.0000	
<b>TROLLEY</b>		
Trolley 03	006.0002.0042	
Sliding Kit 5 MicroMAG 302	010.0000.0045	
Trolley Q	004.0000.0015	
Plate support Trolley Q - H <sub>2</sub> O	011.0015.0268	
Tool BOX VP-02 (AIR Version)	004.0000.0211	
<b>COOLING UNIT</b>		
C.U.11	003.0000.0131	
C.U.11 HP	003.0001.0131	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0063	
Torch MIG 36 L= 4m AIR EURO	006.0008.0004	
Torch MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
Torch TIG 26 L= 4m AIR EURO	006.0005.0011	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
<b>REMOTE CONTROLS</b>		
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
KIT MicroMag 302MFK H <sub>2</sub> O Trolley 03	006.0011.0148	
MicroMag 302MFK + C.U.11 + Trolley 03		
KIT MicroMag 302MFK H <sub>2</sub> O Trolley Q	006.0011.0411	
MicroMag 302MFK + C.U.11 + Trolley Q + Plate support Trolley Q - H <sub>2</sub> O		
KIT MicroMag 302MFK AIR Trolley Q	006.0011.0412	
MicroMag 302MFK + Trolley Q + VP02		
<b>WPQR</b>		

# MicroMAG 301 Plus



## 200mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm D=30 d=14

3 x 400Vac



**MicroMAG 301 PLUS** is a compact, 3 Phase and robust designed Inverter for **MIG-MAG Short-Spray Arc, MMA and Lift TIG Arc** welding.

Easy to transport, **only 24kg (including a spool of 5kg 200mm diameter)**, it is the best option for maintenance and repair on field, shipyard and off-shore operations.

: MIG/MAG MANUAL / TIG DC LIFT / MMA
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>



MicroMAG 301 Plus										
3x400Vac ± 15% @ 50-60Hz										
16A										
MIG - MAG	TIG		MMA							
% <sub>40°C</sub>	35%	60%	100%	50%	60%	100%	40%	60%	100%	
-I <sub>s</sub>	300A	230A	200A	250A	240A	210A	250A	220A	190A	
I <sub>s</sub>	10A - 300A		5A - 250A		10A - 250A					
U <sub>o</sub> /U <sub>r</sub>	53V / 11V									
P <sub>MAX</sub>	10,3kVA - 9,7KW									
IP	23S									
sz	410 x 270 x 355mm									
Ø Ø Ø	19,7 Kg									

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>MicroMAG 301 Plus</b>	001.0065.0000	
<b>TROLLEY</b>		
SLIDING KIT 2 MicroMAG 301	010.0000.0017	
SLIDING KIT 3 MicroMAG 301 (DOUBLE)	010.0000.0018	
Trolley 02	006.0002.0014	
Trolley H	004.0000.0008	
<b>TORCHES AND EARTH CABLE</b>		
Torch MIG 36 L= 4m AIR EURO	006.0008.0004	
Torch TIG 26 L= 4m AIR EURO	006.0005.0011	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
ROLL 0.6/0.8 D=30 d=14 V	002.0000.0119	
ROLL 0.8/1.0 D=30 d=14 V	002.0000.0120	
ROLL 1.0/1.2 D=30 d=14 V	002.0000.0121	
ROLL 0.8/1.0 D=30 d=14 U	002.0000.0122	
ROLL 1.0/1.2 D=30 d=14 U	002.0000.0123	
ROLL 1.0/1.2 D=30 d=14 VK	002.0000.0124	

# Discovery 161MF TP



## 200mm Spools

Supplied rollers: 2 x V shape drive rolls 0,6/0,8mm D=40 d=22

1 x 230Vac



**Discovery 161MF TP** is a compact and portable Single Phase Inverter Power Source for professional **MIG-MAG SHORT ARC, TIG and MMA** welding.

Easy to transport, **only 17,6kg (including a spool of 5kg 200mm diameter)**, it is specifically designed for maintenance, repair on field, light fabrication, auto body repair and DIY.

The **Total Protection** device inside the **Discovery 161MF TP**, protects the components from power surges, making it usable with lines and motor generators unstabilized.

: MIG/MAG MANUAL / TIG DC LIFT / MMA
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>



Discovery 161MF TP														
	1x230Vac ± 15% @ 50-60Hz													
	16A													
	MIG - MAG		TIG		MMA									
% <sub>40°C</sub>	30%	60%	100%	40%	60%	100%	35%	60%	100%					
• I <sub>s</sub>	160A	120A	100A	140A	130A	110A	140A	120A	100A					
I <sub>a</sub>	10A - 160A		5A - 140A		5A - 140A									
U <sub>o</sub> /U <sub>r</sub>	91V / 10V													
P <sub>MAX</sub>	5,5kVA													
IP	23S													
	460 x 230 x 325mm													
	14 Kg													

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 161MF TP (Total Protection)</b>	001.0053.0000	
<b>TROLLEY</b>		
Trolley 02	006.0002.0014	
<b>TORCHES AND EARTH CABLE</b>		
Torch MIG 15 L= 3m AIR EURO	006.0008.0014	
Torch TIG 17 L= 4m AIR EURO	006.0005.0005	
Torch MIG SPOOL GUN PLUS 15 L=6m EURO	006.0008.0005	
Electrode Holder 16mm <sup>2</sup> L= 4m	006.0002.0026	
Earth Cable 16mm <sup>2</sup> L=3m	006.0002.0010	
<b>ACCESSORIES</b>		
OVERCUT BOX (Generator Protection)	006.0002.0040	
Gas regulator FLOWMETER	006.0002.0005	
ROLL 0.6/0.8 D=40 d=22 V	002.0000.0106	
ROLL 0.8/1.0 D=40 d=22 V	002.0000.0109	
ROLL 1.0/1.2 D=40 d=22 V	002.0000.0107	
ROLL 0.8/1.0 D=40 d=22 U	002.0000.0111	
ROLL 1.0/1.2 D=40 d=22 U	002.0000.0112	
ROLL 1.0/1.2 D=40 d=22 VK	002.0000.0114	





**MIG/MAG SYNERGIC**

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# Pioneer 321MSR - 401MSR



200mm - 300mm Spools

3 x 400Vac



**Pioneer 321MSR - 401MSR** is a synergic 3 Phase Inverter with separated wire-feeder.

A wide range of **MIG-MAG synergic** programs facilitate the selection of precise welding parameters using any welding wires. **WF 107** is a portable 4-rolls drive wire feeder designed to withstand severe environmental conditions, it is ideal for any applications of medium to heavy size carpentry, constructions and automotive. Friendly-user interface allows precise parameters setting using only one knob.

All MIG-MAG controls are on the wire feeder: Wire Speed, Welding Voltage, Inductance, Motor Slope, Soft Start, Burn Back, Post Gas, Wire Feeding, Test Gas, 2T/ 4T/ 3T Special trigger torch control, Intermittent and Spot welding selection.

**3T Special** allows both Hot Start and Crater Filler current setting, for optimal penetration at start and crater filling at bead's end.

Spot and Intermittent welding mode give excellent welding spots. Microprocessor, inverter technology, digital displays, synergic curves and memory locations for customized welding parameters assure complete welding process repeatability.

**WECO unique HAC (Hybrid Arc Control)** supplies a soft and very stable MIG MAG welding arc with excellent weld bead quality and minimal spattering in any working conditions.

Equipped with big wheels and gas bottle holder

Cooling Unit available

Fan on demand and Built-in Wind Tunnel protects electronic devices from dust and saltiness and improves reliability

Up to 50m cable bundle can be used with no performances reduction

Push-Pull torch applicable for better MIG aluminum welding

: MIG/MAG SYNERGIC

CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

EN: EN 60974-1 - EN 60974-10

## Technology



Pioneer 321MSR			
			3x400Vac ± 15% @ 50-60Hz
			16A
MIG/MAG			
% <sub>40°C</sub>	45%	60%	100%
-I <sub>z</sub>	320A	280A	230A
I <sub>z</sub>	10A - 320A		
U <sub>o</sub> /U <sub>r</sub>	53V / 10V		
P <sub>i MAX</sub>	11,6kVA - 11,1KW		
IP	23		
	1110 x 550 x 1400mm		
	KIT 321MSR 4mt H <sub>2</sub> O - 128,4Kg		

Pioneer 401MSR			
			3x400Vac ± 15% @ 50-60Hz
			25A
MIG/MAG			
% <sub>40°C</sub>	50%	60%	100%
-I <sub>z</sub>	400A	360A	320A
I <sub>z</sub>	10A - 400A		
U <sub>o</sub> /U <sub>r</sub>	53V / 9V		
P <sub>i MAX</sub>	18,8kVA - 15,5KW		
IP	23		
	1110 x 550 x 1400mm		
	KIT 401MSR 4mt H <sub>2</sub> O - 130,8Kg		

# Configuration Pioneer 321MSR - 401MSR (WF107)

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm

ITEM	CODE
<b>POWER SOURCE</b>	
Pioneer 321MSR	001.0072.0000
Pioneer 401MSR	001.0074.0000
<b>WIRE FEEDER</b>	
WF107	001.0323.0000
Wheels Kit WF	010.0000.0012
<b>COOLING UNIT</b>	
C.U.07C	003.0000.0161
C.U.07C HP	003.0001.0161
Cooling Unit Filter	010.0000.0097
<b>CONNECTION CABLE</b>	
Connection cable 70mm <sup>2</sup> L=2mt AIR	002.0001.0261
Connection cable 70mm <sup>2</sup> L=4mt AIR	002.0001.0262
Connection cable 70mm <sup>2</sup> L=10mt AIR	002.0001.0266
Connection cable 95mm <sup>2</sup> L=10mt AIR	002.0001.0263
Connection cable 70mm <sup>2</sup> L=2mt H <sub>2</sub> O	002.0001.0271
<b>Connection cable 70mm<sup>2</sup> L=4mt H<sub>2</sub>O</b>	<b>002.0001.0272</b>
Connection cable E 70mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0276
Connection cable 95mm <sup>2</sup> L=10mt H <sub>2</sub> O	002.0001.0273
<b>CUSTOMIZED CONNECTION CABLE LENGTHS</b>	
Connection cable 70mm <sup>2</sup> L>10mt AIR	002.0001.0011
Connection cable 95mm <sup>2</sup> L>10mt AIR	002.0001.0021
Connection cable 70mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0012
Connection cable 95mm <sup>2</sup> L>10mt H <sub>2</sub> O	002.0001.0022
<b>TORCHES AND EARTH CABLE</b>	
KIT PUSH PULL	010.0000.0040
Torche MIG 36 L= 4m AIR EURO	006.0008.0004
Torche MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017
<b>REMOTE CONTROLS</b>	
RC04 Remote Control 2 potentiometers	006.0003.0121
RC06 Remote Control 2 up/down	006.0003.0123
Cable RC03/04/05/06 L=5m	022.0002.0172
Cable RC03/04/05/06 L=10m	022.0002.0173
Cable RC03/04/05/06 L=15m	022.0002.0174
<b>ACCESSORIES</b>	
Left Torch Holder Kit	010.0000.0073
Torch holder support for WF	004.0000.0215
Gas regulator FLOWMETER	006.0002.0005
<b>FEEDING ROLLS</b>	
ROLL 0.6/0.8 D=37 d=19 V	002.0000.0140
ROLL 0.8/1.0 D=37 d=19 V	002.0000.0141
ROLL 1.0/1.2 D=37 d=19 V	002.0000.0142
ROLL 1.2/1.6 D=37 d=19 V	002.0000.0143
ROLL 0.8/1.0 D=37 d=19 U	002.0000.0144
ROLL 1.0/1.2 D=37 d=19 U	002.0000.0145
ROLL 1.2/1.6 D=37 d=19 U	002.0000.0146
ROLL 1.0/1.2 D=37 d=19 VK	002.0000.0149
ROLL 1.2/1.6 D=37 d=19 VK	002.0000.0150

CONFIGURATION	CODE
KIT 321MSR 4mt AIR	006.0011.0050
Pioneer 321MSR + WF107 + Wheels Kit WF + Extension cable L=4mt AIR	
KIT 321MSR 4mt H <sub>2</sub> O	006.0011.0049
Pioneer 321MSR + WF107 + C.U.07C + Wheels Kit WF + Extension cable L=4mt H <sub>2</sub> O	
KIT 401MSR 4mt AIR	006.0011.0126
Pioneer 401MSR + WF107 + Wheels Kit WF + Extension cable L=4mt AIR	
KIT 401MSR 4mt H <sub>2</sub> O	006.0011.0083
Pioneer 401MSR + WF107 + C.U.07C + Wheels Kit WF + Extension cable L=4mt H <sub>2</sub> O	

# Pioneer 321MKS - 401MKS



## 200mm - 300mm Spools

Supplied rollers: 2 x V shape drive rolls 1,0/1,2mm

Dotazione Rulli 401MKS: 2 x RULLO 1.0/1.2 D=37 d=19 V

3 x 400Vac



**Pioneer 321MKS - 401MKS** is a powerful synergic 3 Phase Inverter for workshops, car body repairs, light to medium carpentry and table welding.

**Pioneer 321MKS - 401MKS**, thanks to its dimensions and light weight, is easy to move on the working site.

A wide range of **MIG-MAG synergic** programs facilitate the selection of precise welding parameters using any welding wires.

: MIG/MAG SYNERGIC
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-5 - EN 60974-10
<b>Technology</b>

ITEM	CODE	
<b>POWER SOURCE</b>		
Pioneer 321MKS	001.0071.0000	
Pioneer 401MKS	001.0073.0000	
<b>COOLING UNIT</b>		
C.U.07C	003.0000.0161	
C.U.07C HP	003.0001.0161	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
KIT PUSH PULL	010.0000.0040	
Torche MIG 36 L= 4m AIR EURO	006.0008.0004	
Torche MIG 240 L= 4m H <sub>2</sub> O EURO	006.0008.0007	
Torch MIG MB EVO 501D L=4m H <sub>2</sub> O	006.0008.0008	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC04 Remote Control 2 potentiometers	006.0003.0121	
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m	022.0002.0172	
Cable RC03/04/05/06 L=10m	022.0002.0173	
Cable RC03/04/05/06 L=15m	022.0002.0174	
<b>ACCESSORIES</b>		
Left Torch Holder Kit	010.0000.0073	
Gas regulator FLOWMETER	006.0002.0005	

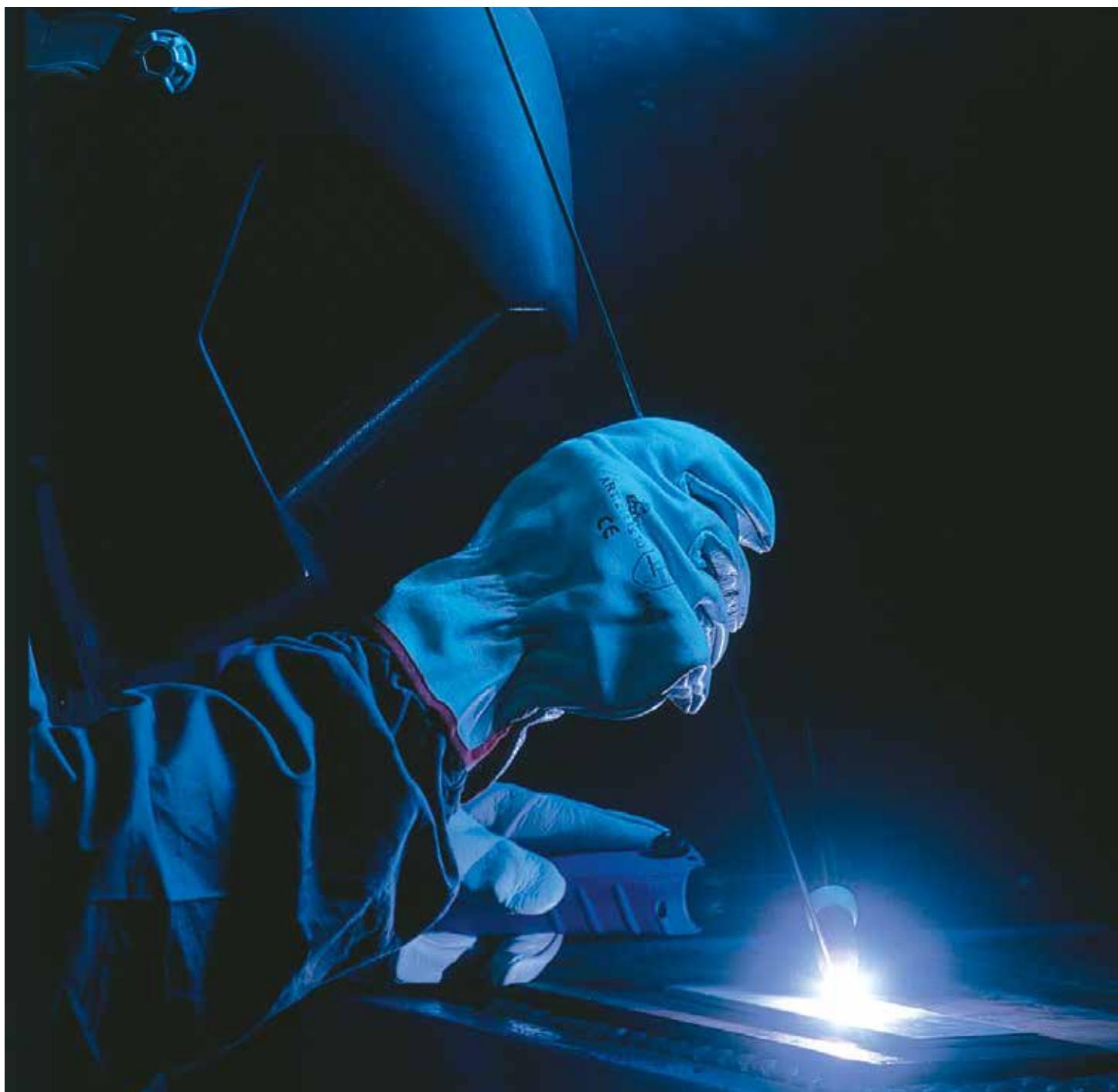
CONFIGURATION	CODE	
KIT 321MKS H <sub>2</sub> O	006.0011.0414	
Pioneer 321MKS + C.U.07C		
KIT 401MKS H <sub>2</sub> O	006.0011.0300	
Pioneer 401MKS + C.U.07C		

Pioneer 321MKS			
3x400Vac ± 15% @ 50-60Hz			
16A			
MIG/MAG			
% <sub>40°C</sub>	45%	60%	100%
-I <sub>z</sub>	320A	280A	230A
I <sub>z</sub>	10A - 320A		
U <sub>o</sub> /U <sub>r</sub>	53V / 10V		
P <sub>i MAX</sub>	11,6kVA - 11,1KW		
IP	23		
↖	1110 x 550 x 805mm		
⚖	KIT 321MKS H <sub>2</sub> O - 90,8Kg		

Pioneer 401MKS			
3x400Vac ± 15% @ 50-60Hz			
25A			
MIG/MAG			
% <sub>40°C</sub>	50%	60%	100%
-I <sub>z</sub>	400A	360A	320A
I <sub>z</sub>	10A - 400A		
U <sub>o</sub> /U <sub>r</sub>	53V / 9V		
P <sub>i MAX</sub>	18,8kVA - 15,5KW		
IP	23		
↖	1110 x 550 x 805mm		
⚖	KIT 401MKS H <sub>2</sub> O - 102,8Kg		







**TIG AC/DC**  
**TIG DC**



**Cruiser 502AC/DC** is an advanced technology Three Phase Inverter Power Source for **TIG AC, DC, MMA** welding and **GOUGING**.

High definition construction, petrol/chemical plants, food& beverage industry and shipyards are **Cruiser 502AC/DC** main applications.

The AC welding is here optimized thanks to:

**Extra fusion**

**MIX AC/DC**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

TIG AC/DC HF / MMA / GOUGING	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
<b>Special Functions</b>	

<b>CRUISER 502AC/DC</b>								
3x400Vac ± 15% @ 50-60Hz								
40A								
TIG		MMA						
% <sub>40°C</sub>	30%	60%	100%	30%	60%			
- I <sub>z</sub>	500A	380A	340A	500A	370A			
I <sub>z</sub>	5A – 500A		10A – 500A					
U <sub>o</sub> /U <sub>r</sub>	81V / 9V							
P <sub>MAX</sub>	25,5kVA - 23,4kW							
IP	23							
l	690 x 290 x 450mm							
kit	KIT 502AC/DC CRUISER H <sub>2</sub> O - 120,3kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 502AC/DC</b>	001.0115.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 502AC/DC CRUISER H<sub>2</sub>O</b>	<b>006.0011.0157</b>	
Cruiser 502AC/DC + C.U.09 + Trolley L		



**Cruiser 402AC/DC** is an advanced technology Three Phase Inverter Power Source for **TIG AC, DC, MMA** welding and **GOUGING**. High definition construction,petrol/chemical plants, food& beverage industry and shipyards are **Cruiser 402AC/DC** main applications.

The AC welding is here optimized thanks to:

**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

TIG AC/DC HF / MMA / GOUGING	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
 	
<b>Special Functions</b>	
       	

CRUISER 402AC/DC						
	3x400Vac ± 15% @ 50-60Hz					
	32A					
	TIG	MMA				
% <sub>40°C</sub>	50%	60%	100%	50%	60%	
-I <sub>z</sub>	400A	380A	340A	400A	370A	
I <sub>z</sub>	5A – 400A		10A – 400A			
U <sub>o</sub> /U <sub>r</sub>	81V / 9V					
P <sub>MAX</sub>	18,4kVA - 16,8kW					
IP	23					
l	690 x 290 x 450mm					
peso	KIT 402AC/DC CRUISER H <sub>2</sub> O - 120,3kg					

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 402AC/DC</b>	001.0123.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 402AC/DC CRUISER H<sub>2</sub>O</b>	<b>006.0011.0137</b>	
Cruiser 402AC/DC + C.U.09 + Trolley L		



**Cruiser 322AC/DC** is an advanced technology Three Phase Inverter Power Source for **TIG AC, DC and MMA** welding.  
High definition construction, petrol/chemical plants, food& beverage industry and shipyards are **Cruiser 322AC/DC** main applications.

The AC welding is here optimized thanks to:

**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

TIG AC/DC HF / MMA

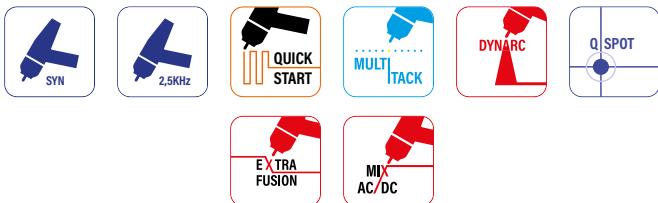
**CE:** 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

**EN:** EN 60974-1 - EN 60974-3 - EN 60974-10

## Technology



## Special Functions



## Cruiser 322AC/DC

	3x400Vac ± 15% @ 50-60Hz									
	25A									
	TIG		MMA							
% <sub>40°C</sub>	45%	60%	100%	45%	60%	100%				
-I <sub>a</sub>	320A	280A	240A	300A	270A	240A				
I <sub>a</sub>	5A – 320A		10A – 300A							
U <sub>o</sub> /U <sub>r</sub>	72V / 11V									
P <sub>MAX</sub>	14,7kVA – 11.3kW									
IP	23									
	690 x 290 x 450mm									
	KIT 322AC/DC CRUISER H <sub>2</sub> O - 110,2Kg									

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 322AC/DC</b>	001.0140.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 322AC/DC CRUISER H<sub>2</sub>O</b>	<b>006.0011.0128</b>	
Cruiser 322AC/DC + C.U.09 + Trolley L		



**Discovery 300AC/DC Evo** is a revolutionary state-of-the-art 3Phase portable **TIG AC/DC and MMA** welding Inverter. TIG AC functions are ideal for welding aluminum, magnesium, and related alloys. Ordinary steels, stainless steel and copper can be easily welded in TIG DC.

**Discovery 300AC/DC Evo** is specifically designed for extremely precise welding in the construction, petrochemical, food industries and other applications that require very a high welding performance.

The new user interface (EVO) provides fast and effective access to all available functions.

The AC welding is here optimized thanks to:  
**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:  
**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

TIG AC/DC HF / MMA	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
 	
<b>Special Functions</b>	
       	

Discovery 300AC/DC Evo								
		3x400Vac ± 15% @ 50-60Hz						
		20A						
		TIG			MMA			
% <sub>40°C</sub>	30%	60%	100%	30%	60%			
-I <sub>z</sub>	300A	220A	180A	300A	220A			
I <sub>z</sub>	5A – 300A		10A – 300A					
U <sub>o</sub> /U <sub>r</sub>	59V / 9V							
P <sub>MAX</sub>	14,6kVA - 11,4kW							
IP	23S							
l	460 x 230 x 325mm							
ØØØ	23,4 Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
Discovery 300AC/DC Evo	001.0173.0000	
<b>TROLLEY</b>		
Trolley P	004.0000.0014	
Trolley 02	006.0002.0014	
SLIDING KIT 6	010.0000.0048	
<b>COOLING UNIT</b>		
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*) Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
KIT 300AC/DC Evo H <sub>2</sub> O Trolley P	006.0011.0318	
Discovery 300AC/DC Evo + C.U.12 + Trolley P		
KIT 300AC/DC Evo H <sub>2</sub> O Trolley 02	006.0011.0319	
Discovery 300AC/DC Evo + C.U.12 + Trolley 02		



	TIG AC/DC HF / MMA
	CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
	EN: EN 60974-1 - EN 60974-3 - EN 60974-10
<b>Technology</b>	
<b>Special Functions</b>	

Discovery 221AC/DC Evo								
	1x230Vac ± 15% @ 50-60Hz							
	16A		25A					
	TIG-			MMA				
% <sub>40°C</sub>	35%	60%	100%	40%	60% 100%			
-I <sub>z</sub>	220A	180A	160A	180A	150A 120A			
I <sub>z</sub>	5A - 220A		10A - 180A					
U <sub>o</sub> /U <sub>r</sub>	79V / 12V							
P <sub>MAX</sub>	6,2kVA - 6,1KW							
IP	23S							
	460 x 230 x 325mm							
	19 Kg							

**Discovery 221AC/DC Evo** is a revolutionary state-of-the-art 1Phase portable **TIG AC/DC and MMA** welding Inverter. TIG AC functions are ideal for welding aluminum, magnesium, and related alloys. Ordinary steels, stainless steel and copper can be easily welded in TIG DC.

**Discovery 221AC/DC Evo** is specifically designed for extremely precise welding in the construction, petrochemical, food industries and other applications that require very a high welding performance.

The new user interface (EVO) provides fast and effective access to all available functions.

The AC welding is here optimized thanks to:  
**Extra fusion**  
**MIX AC/DC**

The DC welding is here optimized thanks to:  
**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

ITEM	CODE	
<b>POWER SOURCE</b>		
Discovery 221AC/DC Evo	001.0171.0000	
<b>TROLLEY</b>		
Trolley P	004.0000.0014	
Trolley 02	006.0002.0014	
SLIDING KIT 6	010.0000.0048	
<b>COOLING UNIT</b>		
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*) Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
KIT 221AC/DC Evo H <sub>2</sub> O Trolley P	006.0011.0316	
Discovery 221AC/DC Evo + C.U.12 + Trolley P		
KIT 221AC/DC Evo H <sub>2</sub> O Trolley 02	006.0011.0317	
Discovery 221AC/DC Evo + C.U.12 + Trolley 02		



**Discovery 200AC/DC** is a complete and reliable Single Phase Inverter Power Source for **TIG AC/DC** and **MMA** welding.

TIG AC functions are ideal for aluminum, magnesium and related alloys welding, while mild steel, stainless steel and copper can be easily welded in TIG DC.

High definition construction, Petrol/Chemical plants, Food/Beverage Industry and Shipyards are **Discovery 200AC/DC** main applications.

TIG AC welding is optimized thanks to:

- **Synergic arc ignition** selection located on the front panel, it modifies the ignition according to electrode diameter.

- **Advanced Soft AC-Square Waveform** for outstanding welding quality through faster welding speed, better pool control and noise reduction.

: TIG AC/DC HF / MMA
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-3 - EN 60974-10
<b>Technology</b>
<div style="text-align: center; margin-top: 10px;"> <span style="border: 1px solid red; padding: 2px;">POWER INVERTER INSIDE</span> </div>

Discovery 200AC/DC								
	1x230Vac ± 15% @ 50-60Hz							
	16A		25A					
	TIG			MMA				
% <sub>40°C</sub>	30%	60%	100%	40%	60%			
-I <sub>a</sub>	200A	150A	130A	150A	130A			
I <sub>a</sub>	7A – 200A		7A – 150A					
U <sub>o</sub> /U <sub>r</sub>	88V / 10V							
P <sub>MAX</sub>	6,3kVA							
IP	23S							
	460 x 230 x 325mm							
	17,6Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 200AC/DC</b>	001.0154.0000	
<b>TROLLEY</b>		
Trolley P	004.0000.0014	
Trolley 02	006.0002.0014	
SLIDING KIT 6	010.0000.0048	
<b>COOLING UNIT</b>		
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*)Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*)Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
KIT 200AC/DC H <sub>2</sub> O Trolley P	006.0011.0142	
Discovery 200AC/DC + C.U.12 + Trolley P		
KIT 200AC/DC H <sub>2</sub> O Trolley 02	006.0011.0143	
Discovery 200AC/DC + C.U.12 + Trolley 02		



✓: TIG DC HF / MMA / GOUGING					
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)					
EN: EN 60974-1 - EN 60974-3 - EN 60974-10					
<b>Technology</b>					
<b>Special Functions</b>					

CRUISER 502T							
		3x400Vac ± 15% @ 50-60Hz					
		40A					
		TIG		MMA			
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%	
I <sub>z</sub>	500A	460A	400A	500A	450A	400A	
I <sub>z</sub>	5A – 500A		10A – 500A				
U <sub>o</sub> /U <sub>r</sub>	83V / 9V						
P <sub>MAX</sub>	25,5kVA - 23,4kW						
IP	23						
l	690 x 290 x 450mm						
ØØØ	KIT 502T CRUISER H <sub>2</sub> O - 119,0kg						

**Cruiser 502T** is an advanced technology Three Phase Inverter Power Source for **TIG DC, MMA** welding and **GOUGING**.

In TIG DC mode this inverter power source can easily weld ordinary steels, stainless steel and copper.

**Cruiser 502T** is particularly indicated for extremely precise constructions, in petrochemical plants, food industry and other activities which require very high welding performance.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 502T</b>	001.0106.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm² L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 502T CRUISER H<sub>2</sub>O</b>	<b>006.0011.0156</b>	
Cruiser 502T + C.U.09 + Trolley L		



: TIG DC HF / MMA / GOUGING	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
 	
<b>Special Functions</b>	
     	

CRUISER 402T		
	3x400Vac ± 15% @ 50-60Hz	
	32A	
	TIG	MMA
% <sub>40°C</sub>	100%	100%
-I <sub>z</sub>	400A	400A
I <sub>z</sub>	5A – 400A	10A – 400A
U <sub>o</sub> /U <sub>r</sub>	83V / 9V	
P <sub>MAX</sub>	18,4kVA - 16,8kW	
IP	23	
	690 x 290 x 450mm	
	KIT 402T CRUISER H <sub>2</sub> O - 119,0kg	

**Cruiser 402T** is an advanced technology Three Phase Inverter Power Source for **TIG DC, MMA** welding and **GOUGING**.

In TIG DC mode this inverter power source can easily weld ordinary steels, stainless steel and copper.

**Cruiser 402T** is particularly indicated for extremely precise constructions, in petrochemical plants, food industry and other activities which require very high welding performance.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 402T</b>	001.0105.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 402T CRUISER H<sub>2</sub>O</b>	<b>006.0011.0155</b>	
Cruiser 402T + C.U.09 + Trolley L		



	TIG DC HF / MMA
CE:	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN:	EN 60974-1 - EN 60974-3 - EN 60974-10
<b>Technology</b>	
<b>Special Functions</b>	

Cruiser 322T			
3x400Vac ± 15% @ 50-60Hz			
25A			
	TIG	MMA	
% <sub>40°C</sub>	60%	100%	60%
-I <sub>A</sub>	320A	260A	300A
I <sub>2</sub>	5A – 320A		10A – 300A
U <sub>0</sub> /U <sub>r</sub>	73V / 10V		
P <sub>MAX</sub>	14,3kVA – 11,0kW		
IP	23		
	690 x 290 x 450mm		
	KIT 322T CRUISER H <sub>2</sub> O - 108,8Kg		

**Cruiser 322T** is a high sophisticated Three Phases Inverter **TIG DC and MMA** welding machine.

In TIG DC mode this inverter power source can easily weld ordinary steels, stainless steel and copper.

**Cruiser 322T** is particularly indicated for extremely precise constructions, in petrochemical plants, food industry and other activities which require very high welding performance.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 322T</b>	001.0138.0000	
<b>TROLLEY</b>		
<b>Trolley L</b>	004.0000.0011	
Tool BOX VP-01 (AIR Version)	004.0000.0201	
<b>COOLING UNIT</b>		
<b>C.U.09</b>	003.0000.0101	
C.U.09 HP	003.0001.0101	
C.U.18	003.0000.0181	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025	
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m 6 pins	022.0002.0166	
Cable RC03 L=10m 6 pins	022.0002.0167	
Cable RC03 L=15m 6 pins	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
CONFIGURATION	CODE	
<b>KIT 322T CRUISER H<sub>2</sub>O</b>	<b>006.0011.0133</b>	
Cruiser 322T + C.U.09 + Trolley L		



**Discovery 300T Evo** is a revolutionary state-of-the art 3Phase portable **TIG DC and MMA** welding Inverter. Ordinary steels, stainless steel and copper can be easily welded in TIG DC. **Discovery 300T Evo** is specifically designed for extremely precise welding in the construction, petrochemical, food industries and other applications that require very a high welding performance. The new user interface (Evo) provides fast and effective access to all available functions.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**  
**TIG PULS SYN**  
**Dynamic Arc**  
**Q-Start**  
**Multi-Tack**  
**Q-Spot**

TIG DC HF / MMA	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
 	
<b>Special Functions</b>	
     	

Discovery 300T Evo								
3x400Vac ± 15% @ 50-60Hz								
20A								
TIG		MMA						
% <sub>40°C</sub>	50%	60%	100%	40%	60% 100%			
-I <sub>z</sub>	300A	250A	210A	300A	230A 200A			
I <sub>z</sub>	5A – 300A		10A – 300A					
U <sub>o</sub> /U <sub>r</sub>	76V / 9V							
P <sub>MAX</sub>	13,3kVA - 10,7kW							
IP	23S							
l	460 x 230 x 325mm							
ØØØ	22,0 Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 300T Evo</b>	001.0172.0000	
<b>TROLLEY</b>		
Trolley P	004.0000.0014	
Trolley 02	006.0002.0014	
SLIDING KIT 6	010.0000.0048	
<b>COOLING UNIT</b>		
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*) Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
<b>KIT 300T Evo H<sub>2</sub>O Trolley P</b>	006.0011.0314	
Discovery 300T Evo + C.U.12 + Trolley P		
<b>KIT 300T Evo H<sub>2</sub>O Trolley 02</b>	006.0011.0315	
Discovery 300T Evo + C.U.12 + Trolley 02		



**Discovery 220T Evo** is a revolutionary state-of-the-art 1Phase portable **TIG DC and MMA** welding Inverter. Ordinary steels, stainless steel and copper can be easily welded in TIG DC.

**Discovery 220T Evo** is specifically designed for extremely precise welding in the construction, petrochemical, food industries and other applications that require very a high welding performance. The new user interface (Evo) provides fast and effective access to all available functions.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

: TIG DC HF / MMA

**CE:** 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

**EN:** EN 60974-1 - EN 60974-3 - EN 60974-10

## Technology



## Special Functions



## Discovery 220T Evo

	1x230Vac ± 15% @ 50-60Hz							
	16A		25A					
	TIG		MMA					
% <sub>40°C</sub>	40%	60%	100%	60%	100%			
-I <sub>z</sub>	220A	190A	160A	180A	150A			
I <sub>z</sub>	5A – 220A		10A – 180A					
U <sub>o</sub> /U <sub>r</sub>	81V / 5V							
P <sub>MAX</sub>	5,9kVA - 5,8kW							
IP	23S							
	460 x 230 x 325mm							
	18,6Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 220T Evo</b>	001.0170.0000	
<b>TROLLEY</b>		
Trolley P	004.0000.0014	
Trolley 02	006.0002.0014	
SLIDING KIT 6	010.0000.0048	
<b>COOLING UNIT</b>		
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*) Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Gas regulator FLOWMETER	006.0002.0005	
<b>CONFIGURATION</b>		
<b>KIT 220T Evo H<sub>2</sub>O Trolley P</b>	006.0011.0312	
Discovery 220T Evo + C.U.12 + Trolley P		
<b>KIT 220T Evo H<sub>2</sub>O Trolley 02</b>	006.0011.0313	
Discovery 220T Evo + C.U.12 + Trolley 02		



The **Multipower 204T** is a highly sophisticated but simple to operate, Single Phases Inverter **TIG DC** and **MMA** welding machine. In TIG DC mode ordinary steels, stainless steel and copper are easily weldable.

The **Multipower 204T** has been designed particularly for extremely precise constructions, in petrochemical plants, food industry and other activities which require very high welding performance.

The **Multipower 204T** is equipped with **PFC (Power Factor Corrector)** which supports voltage from **90 Vac** up to **270 Vac**. These devices make possible using the **Multipower 204T** with over **100 meters** long power supply cables.

The **Weco Special HF** control provides 100% rapid and precise arc ignition.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

✍: TIG DC HF / MMA / MMA CELLULOSIC					
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)					
EN: EN 60974-1 - EN 60974-3 - EN 60974-10					
<b>Technology</b>					
  					
<b>Special Functions</b>					
					
					

<b>Multipower 204T</b>											
	1x230Vac ± 15% @ 50-60Hz			1x115Vac ± 15% @ 50-60Hz							
	16A			32A							
	TIG		MMA		TIG	MMA					
% <sub>40°C</sub>	30%	60%	100%	35%	60%	100%	100%	50%	60%	100%	
-I <sub>A</sub>	200A	140A	130A	180A	130A	120A	115A	115A	110A	105A	
I <sub>2</sub>	5A - 200A		10A - 180A		5A - 115A	10A - 115A					
U <sub>0/U<sub>r</sub></sub>	83V / 11V										
R <sub>MAX</sub>	5,8kVA - 5,6kW										
IP	23S										
	400 x 160 x 260										
Weight	11,8 kg										

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Multipower 204T</b>	001.0031.0000	
<b>Multipower 204T H<sub>2</sub>O</b>	001.0033.0000	
<b>TROLLEY</b>		
Trolley 02	006.0002.0014	
SLIDING KIT 7	010.0000.0051	
<b>COOLING UNIT</b>		
KIT C.U./204T (Cooling Unit upgrade)	010.0000.0050	
C.U.12	003.0000.0151	
C.U.12 HP	003.0001.0151	
Cooling Unit Filter	010.0000.0097	
<b>TORCHES AND EARTH CABLE</b>		
(*) Adaptor AMPHENOL-MILITARY A1	022.0002.0068	
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	
(*) Torch TIG 18 L=4m H <sub>2</sub> O Potentiometer	006.0005.0003	
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*) Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Suitcase 03 ABS BLACK	006.0002.0039	
Gas regulator FLOWMETER	006.0002.0005	



**Discovery 172T** is an innovative Single-Phase Inverter Power Source for **TIG DC and MMA** welding. In TIG DC mode ordinary steels, stainless steel and copper are easily weldable.

**Discovery 172T** is specifically designed for high definition construction, petrol/chemical plants, food& beverage industry and shipyards.

**Discovery 172T MAX** is equipped with the OVERCUT module that allows you to work safely with unstabilized motor generators. The **Weco Special HF** control provides 100% rapid and precise arc ignition.

The DC welding is here optimized thanks to:

**TIG PULS up to 2,5 KHz**

**TIG PULS SYN**

**Dynamic Arc**

**Q-Start**

**Multi-Tack**

**Q-Spot**

: TIG DC HF / MMA

**CE:** 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)

**EN:** EN 60974-1 - EN 60974-3 - EN 60974-10

## Technology



## Special Functions



Discovery 172T - 172T MAX								
	1x230Vac ± 15% @ 50-60Hz							
	16A							
	TIG		MMA					
% <sub>40°C</sub>	40%	60%	100%	50%	60%			
-I <sub>s</sub>	170A	150A	130A	150A	130A			
I <sub>2</sub>	5A – 170A		10A – 150A					
U <sub>0</sub> /U <sub>r</sub>	53V / 8V							
P <sub>MAX</sub>	6,2kVA - 4,5KW							
IP	23S							
	400 x 160 x 260 mm							
Weight	8,6kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 172T</b>	001.0045.0000	
<b>Discovery 172T MAX</b>	001.0159.0000	
<b>TROLLEY</b>		
Trolley 02	006.0002.0014	
<b>TORCHES AND EARTH CABLE</b>		
Torch TIG 26 L=4m AIR PT	006.0005.0004	
(*)Torch TIG 26 L=4m AIR Potentiometer	006.0005.0008	
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC02 Foot pedal	006.0003.0102	
Cable RC02 L=5m	022.0003.0105	
Cable RC02 L=10m	022.0003.0106	
Cable RC02 L=15m	022.0003.0107	
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
OVERCUT BOX (Generator Protection)	006.0002.0040	
Suitcase 03 ABS BLACK	006.0002.0039	
Gas regulator FLOWMETER	006.0002.0005	



**Discovery 162 T** is an industrial Single-Phase inverter power source for **TIG DC** and **MMA** welding.

**Discovery 162T** is specifically designed for high definition construction, petrol/chemical plants, food& beverage industry and shipyards. The interface is simple and intuitive and allows precise adjustments.

The **Weco Special HF** control provides 100% rapid and precise arc ignition.

The DC welding is here optimized thanks to:

**TIG PULS SYN**

**Q-Spot**

: TIG DC HF / MMA	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-3 - EN 60974-10	
<b>Technology</b>	
 POWER INVERTER INSIDE	
<b>Special Functions</b>	
 	

Discovery 162T								
1x230Vac ± 15% @ 50-60Hz								
16A								
		TIG			MMA			
% <sub>40°C</sub>	25%	60%	100%	30%	60%	100%		
-I <sub>z</sub>	160A	120A	100A	150A	115A	100A		
I <sub>2</sub>	5A – 160A		5A – 150A					
U <sub>d</sub> /U <sub>r</sub>	54V / 9V							
P <sub>MAX</sub>	6,4kVA - 4,6kW							
IP	23S							
	360 x 120 x 215mm							
Weight	6,6 Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 162T</b>	001.0048.0000	
<b>TORCHES AND EARTH CABLE</b>		
Torch TIG 17 L=4m AIR PT	006.0005.0001	
Electrode Holder 16mm <sup>2</sup> L= 4m	006.0002.0026	
Earth Cable 16mm <sup>2</sup> L=3m	006.0002.0010	
<b>ACCESSORIES</b>		
KIT MMA	006.0002.0001	
OVERCUT BOX (Total Protection)	006.0002.0040	
Suitcase 02 ABS BLACK	006.0002.0016	
Gas regulator FLOWMETER	006.0002.0005	





**MMA**



**Cruiser 502 - 402 - 322** are heavy duty industrial 3 Phase inverter power sources for **MMA Welding and TIG DC LIFT** applications with excellent arc characteristics.

**Cruiser 502 - 402 - 322** are specifically designed for tough working conditions such as steel fabrication, shipbuilding, offshore, shipyards, boat-maintenance, repair and heavy metal constructions.

**Digital control** and excellent welding with **cellulosic electrodes** is an optimized combination also for piping and Oil & Gas industry applications.

The **GOUGING** function allows gauging with up to 8mm diameter carbon electrode (402 - 502).

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Cruiser 502</b>	001.0104.0000	
<b>Cruiser 402</b>	001.0103.0000	
<b>Cruiser 322</b>	001.0142.0000	

#### TROLLEY

Trolley E	004.0000.0005
Trolley 03	006.0002.0042

#### TORCHES AND EARTH CABLE

Electrode Holder 70mm <sup>2</sup> L=4m	006.0002.0025
Torch TIG 26 valve L= 4m	006.0005.0002
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017

#### REMOTE CONTROLS

RC03 Remote Control 1 potentiometer	006.0003.0120
Cable RC03 L=5m	022.0002.0166
Cable RC03 L=10m	022.0002.0167
Cable RC03 L=15m	022.0002.0168

#### Cruiser 502

	3x400Vac ± 15% @ 50-60Hz								
	40A								
	MMA		TIG						
% <sub>40°C</sub>	50%	60%	100%	50%	60%	100%			
-I <sub>A</sub>	500A	450A	400A	500A	460A	400A			
I <sub>A</sub>	5A - 500A			5A - 500A					
U <sub>o</sub> /U <sub>r</sub>	83V / 9V								
P <sub>MAX</sub>	25,5kVA - 23,4kW								
IP	23								
	690 x 290 x 510mm								
Weight	50,7 Kg								

#### Cruiser 402

	3x400Vac ± 15% @ 50-60Hz					
	32A					
	MMA		TIG			
% <sub>40°C</sub>	100%	100%				
-I <sub>A</sub>	400A	400A				
I <sub>A</sub>	5A - 400A	5A - 400A				
U <sub>o</sub> /U <sub>r</sub>	83V / 9V					
P <sub>MAX</sub>	18,4kVA - 16,8kW					
IP	23					
	690 x 290 x 510mm					
Weight	50,7 Kg					

#### Cruiser 322

	3x400Vac ± 15% @ 50-60Hz					
	25A					
	MMA		TIG			
% <sub>40°C</sub>	60%	100%	60%	100%		
-I <sub>A</sub>	300A	250A	320A	260A		
I <sub>A</sub>	10A - 300A	5A - 320A				
U <sub>o</sub> /U <sub>r</sub>	73V / 10V					
P <sub>MAX</sub>	14,3kVA – 11,0kW					
IP	23					
	690 x 290 x 450mm					
Weight	45 Kg					



**Discovery 300** is a heavy duty industrial 3 Phase inverter power source for **MMA Welding and TIG DC LIFT** applications with excellent arc characteristics.

**Discovery 300** is specifically designed for tough working conditions such as steel fabrication, shipbuilding, offshore, shipyards, boat-maintenance, repair and heavy metal constructions..

**MMA CELLULOSIC** is a specific MMA function which allows to obtain the highest welding results with cellulosic electrodes.

The **TIG DC** functions and digital control are usefull also for maintenance, building construction, light-medium metal structures.

✓: MMA / TIG DC LIFT / MMA CELLULOSIC
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN: EN 60974-1 - EN 60974-10
<b>Technology</b>

<b>Special Functions</b>


Discovery 300								
					3x400Vac ± 15% @ 50-60Hz			
					20A			
% <sub>40°C</sub>	40%	60%	100%	50%	60% 100%			
-I <sub>A</sub>	300A	230A	200A	300A	250A 210A			
I <sub>2</sub>	10A – 300A		5A – 300A					
U <sub>0/U</sub>	76V / 9V							
P <sub>MAX</sub>	13,3kVA - 10,7kW							
IP	23S							
	460 x 230 x 325mm							
	20,8 Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 300</b>	001.0046.0000	
<b>TROLLEY</b>		
Trolley 02	006.0002.0014	
Sliding KIT 6	010.0000.0048	
<b>TORCHES AND EARTH CABLE</b>		
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Torch TIG 26 valve L= 4m	006.0005.0002	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	



**Discovery 200S** is a compact and portable 3 Phase inverter power source for **MMA welding and TIG DC LIFT**.

**Discovery 200S** is specifically designed for adverse working conditions, such as offshore, shipyards, boat-maintenance and repair.

TIG DC functions and digital control available is an optimized combination also for maintenance, building construction, light-medium metal structures.

	MMA / TIG DC LIFT
CE:	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN:	EN 60974-1 - EN 60974-10
<b>Technology</b>	

Discovery 200 S								
	3x400Vac ± 15% @ 50-60Hz							
	16A							
	MMA		TIG					
% <sub>40°C</sub>	40%	60%	100%	40%	60%			
-I <sub>A</sub>	200A	170A	130A	200A	170A			
I <sub>A</sub>	5A – 200A		5A – 200A					
U <sub>o</sub> /U <sub>r</sub>	61V / 13V							
P <sub>MAX</sub>	6,7kVA - 6,3kW							
IP	23S							
	400 x 160 x 260mm							
	10,0Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
Discovery 200S	001.0027.0000	
<b>TORCHES AND EARTH CABLE</b>		
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Torch TIG 26 valve L= 4m	006.0005.0002	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Suitcase 03 ABS BLACK	006.0002.0039	



**Multipower 184** is an innovative and robust inverter power source for **MMA MMA/CELL and LIFT TIG DC**  
**Multipower 184** is specifically designed for basic maintenance, building construction and pipe line construction,

A built-in, **Total Protection**, saves the inverter components from overvoltage and makes the unit suitable for use with unstable power supply and motor generators.

Multipower 184 is equipped with **PFC (Power Factor Corrector)** designed for voltage support from **90 Vac up to 270 Vac**, with "smart" device able to supply all the demanded current according to the needed welding conditions.

Through such devices it is possible the using of this machine with over **100 meters** long power supply cables. Factory optimized Hot Start, Arc Force and Anti Sticking allow an easy and excellent quality welding using electrodes up to 4 mm diameter.

Lift Start function guarantees arc ignition without damaging the tungsten electrode.

: MMA / TIG DC LIFT / MMA CELLULOSIC	
CE: 2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)	
EN: EN 60974-1 - EN 60974-10	
<b>Technology</b>	
  	
<b>Special Functions</b>	
	

Multipower 184																
	1x230Vac ± 15% @ 50-60Hz			1x115Vac ± 15% @ 50-60Hz												
	16A			32A												
	MMA		TIG		MMA		TIG									
% <sub>I<sub>40°C</sub></sub>	35%	60%	100%	35%	60%	100%	50%	60%	100%							
-I <sub>z</sub>	180A	130A	120A	180A	130A	120A	115A	110A	105A							
I <sub>z</sub>	10A - 180A		5A - 180A		10A - 115A		5A - 115A									
U <sub>o</sub> /U <sub>r</sub>	83V / 11V															
P <sub>i<sub>MAX</sub></sub>	5,8kVA - 5,6kW															
IP	23S															
	400 x 160 x 260mm															
Weight	10,4 kg															

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Multipower 184</b>	001.0029.0000	
<b>TROLLEY</b>		
Sliding KIT 7	010.0000.0051	
<b>TORCHES AND EARTH CABLE</b>		
Electrode Holder 35mm <sup>2</sup> L=4m	006.0002.0028	
Torch TIG 26 valve L= 4m	006.0005.0002	
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	
<b>REMOTE CONTROLS</b>		
RC03 Remote Control 1 potentiometer	006.0003.0120	
Cable RC03 L=5m	022.0002.0166	
Cable RC03 L=10m	022.0002.0167	
Cable RC03 L=15m	022.0002.0168	
<b>ACCESSORIES</b>		
Suitcase 03 ABS BLACK	006.0002.0039	

# Discovery 150TP



1 x 230Vac



**Discovery 150 TP** is an innovative and robust inverter power source for **MMA welding and TIG DC LIFT**.

Discovery 150TP is specifically designed for basic maintenance and building construction.

Special functions include, Hot Start, Arc Force and Anti Sticking that helps the user to make quality welds every time, even when using up to 3.25mm diameter electrodes.

	MMA / TIG DC LIFT
CE:	2014/30/EU (EMC) - 2014/35/EU (LVD) - 2011/65/EU (RoHS2)
EN:	EN 60974-1 - EN 60974-10
<b>Technology</b>	

Discovery 150TP								
	1x230Vac ± 15% @ 50-60Hz							
	16A							
	MMA		TIG					
% <sub>40°C</sub>	35%	60%	100%	35%	60%			
	140A	110A	100A	150A	115A			
	5A – 140A		5A – 150A					
	94V / 11V							
	4,0kW							
	23S							
	310 x 120 x 215mm							
	5,4Kg							

ITEM	CODE	
<b>POWER SOURCE</b>		
<b>Discovery 150TP</b>	001.0013.0000	
<b>TORCHES AND EARTH CABLE</b>		
Electrode Holder 16mm <sup>2</sup> L= 4m	006.0002.0026	
Torch TIG 17 valve L= 4m	006.0005.0007	
Earth Cable 16mm <sup>2</sup> L=3m	006.0002.0010	
<b>ACCESSORIES</b>		
KIT MMA	006.0002.0001	
Suitcase 01 ABS BLACK	006.0002.0012	
<b>CONFIGURATION</b>		<b>CODE</b>
<b>Suggested composition:</b>	006.0011.0007	
Discovery 150TP + Suitcase ABS 01 + KIT MMA		







## ACCESSORIES

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# Cooling unit

## C.U.07C - C.U.07C HP



	C.U.07C	C.U.07C HP
	1x230Vac ± 15% @ 50-60Hz	
	530W (1 l/min)	
	0,33MPA (50HZ) - 0,44MPA (60HZ)	0,41MPA (50HZ) - 0,51MPA (60HZ)
	3,0l	
IP	23S	
	285 x 135 x 620mm	
	18,8Kg	

## C.U.09 - C.U.09 HP



	C.U.09	C.U.09 HP
	1x400Vac ± 15% @ 50-60Hz	
	1,6@ 500V	
	950W (1 l/min)	
	0,32MPA (50HZ) - 0,43MPA (60HZ)	0,41MPA (50HZ) - 0,51MPA (60HZ)
	4,5l	
IP	23S	
	720 x 290 x 235mm	
	25,6 Kg	

	CODE
C.U.07C	003.0000.0161
C.U.07C HP	003.0001.0161

	CODE
C.U.09	003.0000.0101
C.U.09 HP	003.0001.0101

## C.U.11 - C.U.11 HP



	C.U.11	C.U.11 HP
	1x400Vac ± 15% @ 50-60Hz	
	1.6@ 500V	
	760W (1 l/min)	
	0,32MPA (50HZ) - 0,43PA (60HZ)	0,41MPA (50HZ) - 0,51MPA (60HZ)
	4.5l	
IP	23S	
	600 x 290 x 240mm	
	21.6Kg	

	C.U.12	C.U.12 HP
	1x230Vac ± 15% @ 50-60Hz	
	2.5@ 250V	
	700W (1 l/min)	
	0,33MPA (50HZ) - 0,44MPA (60HZ)	0,41MPA (50HZ) - 0,51MPA (60HZ)
	4.5l	
IP	23S	
	530 x 230 x 210mm	
	15.8 Kg	

	CODE
C.U.11	003.0000.0131
C.U.11 HP	003.0001.0131

	CODE
C.U.12	003.0000.0151
C.U.12 HP	003.0001.0151

# Cooling unit

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**C.U.18**

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<b>C.U.18</b>	
<b>D</b>	1 x 400Vac ± 15% @ 50-60Hz
<b>I</b>	1,6A@500V
<b>P 1 l/min</b>	1650W (1 l/min)
<b>P<sub>max</sub></b>	0,37MPA (50HZ) - 0,47MPA (60HZ)
<b>T</b>	4,5l
<b>IP</b>	23
<b>L</b>	720 x 290 x 235mm
<b>peso</b>	27,4 Kg

**C.U.20**

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<b>C.U.20</b>		
<b>D</b>	1x400Vac ± 15% @ 50-60Hz	1x230Vac ± 15% @ 50-60Hz
<b>I</b>	0,7@ 500V	1,2@ 500V
<b>P 1 l/min</b>	1650W (1 l/min)	
<b>P<sub>max</sub></b>	0,37MPA (50HZ) - 0,47MPA (60HZ)	
<b>T</b>	4,5l	
<b>IP</b>	23	
<b>L</b>	720 x 290 x 235mm	
<b>peso</b>	27,4Kg	

	<b>CODE</b>	
<b>C.U.18</b>	003.0000.0181	

	<b>CODE</b>	
<b>C.U.20</b>	003.0000.0211	

**C.U.23**

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<b>C.U.23</b>	
<b>D</b>	1x400Vac ± 15% @ 50-60Hz
<b>I</b>	1.6@ 500V
<b>P 1 l/min</b>	950W (1 l/min)
<b>P<sub>max</sub></b>	0,32MPA (50HZ) - 0,43PA (60HZ)
<b>T</b>	4,5l
<b>IP</b>	23S
<b>L</b>	720 x 290 x 235mm
<b>peso</b>	30,0 Kg

<b>C.U.28</b>	
<b>D</b>	1 x 400Vac ± 15% @ 50-60Hz
<b>P 1 l/min</b>	1650W (1 l/min)
<b>P<sub>max</sub></b>	0,37MPA (50HZ) - 0,47MPA (60HZ)
<b>T</b>	4,7l
<b>IP</b>	23
<b>L</b>	720 x 290 x 235mm
<b>peso</b>	30,0 Kg

	<b>CODE</b>	
<b>C.U.23</b>	003.0000.0141	

	<b>CODE</b>	
<b>C.U.28</b>	003.0000.0221	

# Cooling Unit Filter - Coolant

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## Cooling Unit Filter

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	CODE	
Cooling Unit Filter	010.0000.0097	

## 5 Litres coolant Tank

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TECHNICAL DATA		
Range °C	-20°C / 120°C	
	CODE	
5 Litres coolant Tank	018.0000.0002	

## Sliding Kit

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### Sliding Kit 2

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	CODE	Machine	
Sliding Kit 2	010.0000.0017	MicroMAG 301 PLUS	

### Sliding Kit 3

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### Sliding Kit 5

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	CODE	Machine	
Sliding Kit 3	010.0000.0018	MicroMAG 301 PLUS	
Sliding Kit 5	010.0000.0045	MicroMAG 302MFK	

### Sliding Kit 6

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### Sliding Kit 7

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	CODE	Machine	
Sliding Kit 6	010.0000.0048	Discovery 220T Evo - 300T Evo - 200AC/DC - 221AC/DC Evo - 300AC/DC Evo	
Sliding Kit 7	010.0000.0051	Multipower 184 - 172T - 204T	

# Trolleys

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## Trolley 02

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TROLLEY 02	
လ	630 x 420 x 1110mm
ပီစီစ	17,8Kg
	CODE
Trolley 02	006.0002.0014

## Trolley 03

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TROLLEY 03	
လ	660 x 650 x 1110mm
ပီစီစ	20,2 Kg
	CODE
Trolley 03	006.0002.0042

## Trolley E

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TROLLEY E	
လ	1120 x 400 x 690 mm
ပီစီစ	20,0 Kg
	CODE
Trolley E	004.0000.0005

## Trolley H

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TROLLEY H	
လ	1120 x 440 x 690 mm
ပီစီစ	13,0 Kg
	CODE
Trolley H	004.0000.0008

# Trolleys

## Trolley L



## Supports Trolley L Kit



CODE	
Supports Trolley L Kit	004.0000.0203

## Torch Holder



CODE	
Left Torch Holder Kit	010.0000.0073
Right Torch Holder Kit	010.0000.0074

## Tool BOX VP-05 - Twin Bottle Kit

### VP-05



CODE	
Tool BOX VP-05 (AIR Version)	004.0000.0212
Twin Bottle Kit	004.0000.0204

## Trolley P



TROLLEY P	
CODE	
1030 x 500 x 900 mm	
Trolley P 45Kg - VP-01 13Kg	
CODE	
Trolley P	004.0000.0014

# Trolleys

## Trolley Q AIR



## Trolley Q H<sub>2</sub>O



TROLLEY Q-H <sub>2</sub> O		
လုပ်ငန်း	1034 x 500 x 990 mm	
ပီစီစံ	29Kg	
	CODE	
Trolley Q	004.0000.0015	
Plate support Trolley Q- H <sub>2</sub> O	011.0015.0268	
Tool BOX VP-02 (AIR Version)	004.0000.0211	

## Trolley R + VP-03



## Supports Trolley R Kit



	CODE	
Supports Trolley R Kit	004.0000.0216	

## Torch Holder Trolley R

TROLLEY R		
လုပ်ငန်း	1094 x 547 x 971 mm	
ပီစီစံ	Trolley R 30,0Kg - VP-03 13Kg	
	CODE	
Trolley R	004.0000.0018	
Tool BOX VP-03 (AIR Version)	004.0000.0214	



	CODE	
Torch Holder Kit Trolley R	010.0000.0095	

# Pioneer 403 - 503 Accessories

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## Pioneer Handle Kit

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## Pioneer Wheels Kit And Supports

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## Pioneer Cable Support Kit

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	CODE	
Pioneer 403 MKS Wheels Kit	010.0004.0062	
Pioneer Wheels Kit And Supports	010.0004.0063	
Pioneer Handle Kit	010.0004.0070	
Pioneer Cable Support Kit	004.0000.0213	

## Torch holder support for WF

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	CODE	
Torch holder support for WF	004.0000.0215	

# Autotransformer Kit

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## Autotransformer Kit 3x220Vac / 3x400Vac 25KVA

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	CODE	Machine	
A.T. 220/400Vac BOX 25KVA	041.0006.0012	Pioneer 403-503MKS/MSR - Pioneer Pulse 403-503MKS/MSR	

## Autotransformer Kit 3x220Vac / 3x400Vac 15KVA

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	CODE	Machine	
A.T. 220/400Vac BOX 15KVA	041.0006.0013	Pioneer 321MKS/MSR - Pioneer Pulse 321MKS/MSR	

## Autotransformer Kit 3x500Vac / 3x400Vac 20KVA

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	CODE	Machine	
A.T. 500/400Vac BOX 20KVA	041.0005.0025	Pioneer 401MKS/MSR	

# MIG/MAG Torches

## MB 15 L=3m AIR



TECHNICAL DATA		
X%	180A (60%) CO <sub>2</sub>	150A (60%) MIX
ø mm	0,6 - 0,8 - 0,9 - 1,0mm	
CODE		
<b>MB 15 L= 3m AIR</b>	006.0008.0014	

## MB 25 L=4m AIR



TECHNICAL DATA		
X%	230A (60%) CO <sub>2</sub>	200A (60%) MIX
ø mm	0,8 - 0,9 - 1,0 - 1,2mm	
CODE		
<b>MB 25 L= 4m AIR</b>	006.0008.0003	

## MB 36 L=4m AIR

## MB 240 L=4m H<sub>2</sub>O



TECHNICAL DATA		
X%	340A (60%) CO <sub>2</sub>	320A (60%) MIX
ø mm	0,6 - 0,8 - 0,9 - 1,0 - 1,2 - 1,6mm	
CODE		
<b>MB 36 L= 4m AIR</b>	006.0008.0004	

TECHNICAL DATA		
X%	300A (100%) CO <sub>2</sub>	270A (100%) MIX
ø mm	0,8 - 0,9 - 1,0 - 1,2mm	
Welding position	1,6l/min - 2÷4bar	
CODE		
<b>MB 240 L= 4m AIR</b>	006.0008.0007	

## MB EVO 501D L=4m H<sub>2</sub>O



TECHNICAL DATA		
X%	550A (100%) CO <sub>2</sub>	500A(100%) MIX
ø mm	1,0 - 1,2 - 1,6mm	
Welding position	1,6l/min - 2÷4bar	
CODE		
<b>MB EVO 501D L= 4m H<sub>2</sub>O</b>	006.0008.0008	

## Digimanager 501W L=4m H<sub>2</sub>O



TECHNICAL DATA		
X%	500A (100%) CO <sub>2</sub>	450A (100%) MIX
ø mm	1,0 - 1,2 - 1,6mm	
Welding position	1,6l/min - 2÷4bar	
CODE		
<b>Digimanager 501W L=4m H<sub>2</sub>O</b>	006.0008.0016	
<b>Digimanager KIT</b>	010.0000.0049	

# MIG/MAG Torches

## Digimanager 505d L=4m H<sub>2</sub>O



TECHNICAL DATA		
X%	550A (100%) CO <sub>2</sub>	500A (100%) MIX
Ø mm	1,0 - 1,2 - 1,6mm	
	1,6l/min - 2±4bar	
	CODE	
Digimanager 505d L=4m H <sub>2</sub> O	006.0008.0020	

## WF torch remote button kit



	CODE	
WF torch remote button kit	010.0000.0047	

## Push-Pull Kit



TECHNICAL DATA	
INPUT	48VAC
OUTPUT	42VDC
CODE	
Kit Push-Pull 321 Pulse / WF 104/108	010.0000.0039
Kit Push-Pull 320 MKS WF 105/107	010.0000.0040
KIT Push Pull MicroMAG	010.0000.0063
KIT PUSH PULL MICROPULSE	010.0000.0062

# TIG Torches

## Torch TIG 17 valve L=4m



## Torch TIG 26 valve L=4m



TECHNICAL DATA		
X%	140A (35%) DC	125A (35%) AC
	0,5 - 2,4mm	
GAS	Argon	
CODE		
Torch TIG 17 valve L= 4m	006.0005.0007	

TECHNICAL DATA		
X%	180A (35%) DC	150A (35%) AC
	0,5 - 4,0mm	
GAS	Argon	
CODE		
Torch TIG 26 valve L = 4m	006.0005.0002	

## Torch TIG 17 L=4m AIR PT



## Torch TIG 17 L=4m AIR EURO



TECHNICAL DATA		
X%	140A (35%) DC	100A (35%) AC
	0,5 - 2,4mm	
GAS	Argon	
CODE		
Torch TIG 17 L=4m AIR PT	006.0005.0001	

TECHNICAL DATA		
X%	140A (35%) DC	125A (35%) AC
	0,5 - 2,4mm	
GAS	Argon	
CODE		
Torch TIG 17 L = 4m AIR EURO	006.0005.0005	

## Torch TIG 26 L=4m AIR PT



## Torch TIG 26 Pot. L=4m



A1

TECHNICAL DATA		
X%	180A (35%) DC	150A (35%) AC
	0,5 - 4,0mm	
GAS	Argon	
CODE		
Torch TIG 26 L=4m AIR PT	006.0005.0004	

TECHNICAL DATA		
X%	180A (35%) DC	130A (35%) AC
	0,5 - 4,0mm	
GAS	Argon	
CODE		
Torch TIG 26 L=4m AIR Pot.	006.0005.0008	
Adaptor A1	022.0002.0068	

# TIG Torches

## Torch TIG 26 L=4m AIR Up/Down



## Torch TIG 26 L=4m AIR EURO



TECHNICAL DATA		
X%	180A (35%) DC	150A (35%) AC
—	0,5 - 4,0mm	
GAS	Argon	
CODE		
Torch TIG 26 L=4m AIR Up/Down	006.0005.0009	

TECHNICAL DATA		
X%	180A (35%) DC	150A (35%) AC
—	0,5 - 4,0mm	
GAS	Argon	
CODE		
Torch TIG 26 L= 4m AIR EURO	006.0005.0011	

## Torch TIG 18 L=4m H<sub>2</sub>O PT



TECHNICAL DATA		
X%	320A (35%) DC	270A (35%) AC
—	0,5 - 4,0mm	
GAS	Argon	
—	1,5l/min - 4bar	
CODE		
Torch TIG 18 L=4m H <sub>2</sub> O PT	006.0005.0006	

## Torch TIG 18 L=4m H<sub>2</sub>O Potentiometer



TECHNICAL DATA		
X%	320A(100%) DC	240A(100%) AC
—	0,5 - 4,0mm	
GAS	Argon	
—	1,5l/min - 4bar	
CODE		
Torch TIG 18 L=4m H <sub>2</sub> O Pot.	006.0005.0003	
Adaptor A1	022.0002.0068	

## Torch TIG 18 L=4m H<sub>2</sub>O Up/Down



TECHNICAL DATA		
X%	320A (100%) DC	240A (100%) AC
—	0,5 - 4,0mm	
GAS	Argon	
—	1,5l/min - 4bar	
CODE		
Torch TIG 18 L=4m H <sub>2</sub> O Up/Down	006.0005.0010	

## Gas Connectors Kit



	CODE	
Gas Connectors Kit	021.0000.0001	

# Electrode Holders - Earth Cables

## Electrode Holder 16 mm<sup>2</sup>



TECHNICAL DATA		
L		3m
X%	150A (60%)	200A (35%)
Ø <sub>max</sub>		3,2mm
CODE		
Electrode Holder 16mm <sup>2</sup> L= 4m	006.0002.0026	

## Earth Cable 16 mm<sup>2</sup>



TECHNICAL DATA		
L		2m
X%	150A (60%)	200A (35%)
Ø		40mm
CODE		
Earth Cable 16mm <sup>2</sup> L=3m	006.0002.0010	

## Electrode Holder 35 mm<sup>2</sup>



TECHNICAL DATA		
L		4m
X%	300A (60%)	400A (35%)
Ø <sub>max</sub>		6,3mm
CODE		
Electrode Holder 35mm <sup>2</sup> L= 4m	006.0002.0028	

## Earth Cable 35 mm<sup>2</sup>



TECHNICAL DATA		
L		4m
X%	300A (60%)	400A (35%)
Ø		74mm
CODE		
Earth Cable 35mm <sup>2</sup> L=4m	006.0002.0003	

## Electrode Holder 70 mm<sup>2</sup>



TECHNICAL DATA		
L		4m
X%	400A (60%)	500A (35%)
Ø <sub>max</sub>		6,3mm
CODE		
Electrode Holder 70mm <sup>2</sup> L= 4m	006.0002.0025	

## Earth Cable 70 mm<sup>2</sup>



TECHNICAL DATA		
L		4m
X%	400A (60%)	500A (35%)
Ø		74mm
CODE		
Earth Cable 70mm <sup>2</sup> L=4m	006.0002.0017	

# Remote controls

## RC02 Foot pedal



TECHNICAL DATA	
DE	6 - 10 Pins
$\Omega$	100KOhm
	CODE
RC02 Foot pedal	006.0003.0102
Cable RC02 L=5m	022.0003.0105
Cable RC02 L=10m	022.0003.0106
Cable RC02 L=15m	022.0003.0107

## RC03 Single Potentiometer



TECHNICAL DATA	
DE	6 Pins
$\Omega$	100KOhm
	CODE
RC03 Remote Control 1 potentiometer	006.0003.0120
Cable RC03 L=5m 6 pins	022.0002.0166
Cable RC03 L=10m 6 pins	022.0002.0167
Cable RC03 L=15m 6 pins	022.0002.0168

## RC04 Double Potentiometer



TECHNICAL DATA	
DE	14 Pins
$\Omega$	2 x 100KOhm
	CODE
RC04 Remote Control 2 potentiometers	006.0003.0121
Cable RC03/04/05/06 L=5m 14 pins	022.0002.0172
Cable RC03/04/05/06 L=10m 14 pins	022.0002.0173
Cable RC03/04/05/06 L=15m 14 pins	022.0002.0174
RC04 Adapter	022.0002.0383

## RC05 Single Up & Down



TECHNICAL DATA	
DE	14 Pins
	CODE
RC05 Remote Control 1 up/down	006.0003.0122
Cable RC03/04/05/06 L=5m 14 pins	022.0002.0172
Cable RC03/04/05/06 L=10m 14 pins	022.0002.0173
Cable RC03/04/05/06 L=15m 14 pins	022.0002.0174

# Remote controls

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## RC06 Double Up & Down

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TECHNICAL DATA		
DIN	14 Pins	
		CODE
RC06 Remote Control 2 up/down	006.0003.0123	
Cable RC03/04/05/06 L=5m 14 pins	022.0002.0172	
Cable RC03/04/05/06 L=10m 14 pins	022.0002.0173	
Cable RC03/04/05/06 L=15m 14 pins	022.0002.0174	

## RC08 Remote Control Digimanager

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TECHNICAL DATA		
DIN	14 Pins	
		CODE
KIT Digimanager	010.0000.0049	
RC08 Remote Control Digimanager	006.0003.0124	
Cable RC08 L=5m 14 pins	022.0002.0280	
Cable RC08 L=10m 14 pins	022.0002.0281	
Cable RC08 L=15m 14 pins	022.0002.0282	

## Flying male military connectors

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	CODE	
6 POLES MALE FLYING MILITARY CONNECTOR	021.0004.5001	
10 POLES MALE FLYING MILITARY CONNECTOR	021.0004.5002	
14 POLES MALE FLYING MILITARY CONNECTOR	021.0004.5003	

# OVERCUT (Generator Protection) - Gas regulator

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## OVERCUT BOX (Generator Protection) single phase

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TECHNICAL DATA	
DE	500Vac ± 15% @ 50-60Hz
—	32A
% <sub>40°C</sub>	100%
IP	21S
—	210 x 120 x 140mm
—	1,34Kg
CODE	
OVERCUT BOX (Generator Protection)	006.0002.0040

## Gas regulator FLOWMETER

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TECHNICAL DATA	
GAS	Ar - Ar/CO <sub>2</sub>
Ø <input type="button" value="IN"/>	24,5 x 1,814 UNI 4412
Ø <input type="button" value="OUT"/>	GAS 1/4" RH
P <sub>max</sub> <input type="button" value="IN"/>	200bar
P <sub>max</sub> <input type="button" value="OUT"/>	4,5bar
T° (°C)	-20°C ÷ +60°C
CODE	
Gas regulator FLOWMETER	006.0002.0005

# Suitcases

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## Suitcase 01 ABS BLACK

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TECHNICAL DATA	
↖	400 x 370 x 220mm
<b>MACHINE</b>	
DISCOVERY 150TP	
	<b>CODE</b>
<b>Suitcase 01 ABS BLACK</b>	006.0002.0012

## Suitcase 02 ABS BLACK

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TECHNICAL DATA	
↖	500 x 400 x 270mm
<b>MACHINE</b>	
DISCOVERY 162T	
	<b>CODE</b>
<b>Suitcase 02 ABS BLACK</b>	006.0002.0016

## Suitcase 03 ABS BLACK (Without Pocket)

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TECHNICAL DATA	
↖	500 x 400 x 270mm
<b>MACHINE</b>	
MULTIPOWER 184 - DISCOVERY 200S - DISCOVERY 172T - MULTIPOWER 204T	
	<b>CODE</b>
<b>Suitcase 03 ABS BLACK</b>	006.0002.0039

## Kit MMA

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COMPOSITION	
MASK	
Electrode Holder 16mm <sup>2</sup> L=3m	
Earth Cable 16mm <sup>2</sup> L=2.5m	
BRUSH - HAMMER	
<b>MACHINE</b>	
DISCOVERY 150TP - DISCOVERY 162T	
	<b>CODE</b>
<b>KIT MMA</b>	006.0002.0001

# Upgrading Software Kit - Kit plexiglass

## COM Upgrading Software Kit



	CODE	
COM Upgrading Software Kit	010.0000.0037	

## PROG Upgrading Software Kit



	CODE	
PROG Upgrading Software Kit	010.0000.0043	

## Kit plexiglass WF104 - 105 - 107 - 204



	CODE	
Kit plexiglass WF104 - 105 - 107 - 204	010.0000.0060	

## Kit plexiglass WF108 - 203



	CODE	
Kit plexiglass WF108 - 203	010.0000.0066	

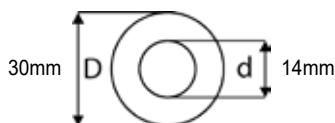
## Kit plexiglass WF205



	CODE	
Kit plexiglass WF205	010.0000.0093	

# Feeding Rolls

**D30 - d14**



**D37 - d19**

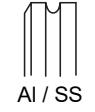
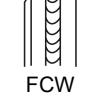
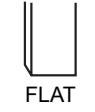
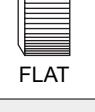
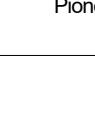


Roll		CODE	
 SG2/SG3	0.6/0.8 D=30 d=14 V	002.0000.0119	
	0.8/1.0 D=30 d=14 V	002.0000.0120	
	1.0/1.2 D=30 d=14 V	002.0000.0121	
	1.2/1.6 D=30 d=14 V	002.0000.0125	
 AI / SS	0.8/1.0 D=30 d=14 U	002.0000.0122	
	1.0/1.2 D=30 d=14 U	002.0000.0123	
	1.2/1.6 D=30 d=14 U	002.0000.0126	
 FCW	1.0/1.2 D=30 d=14 VK	002.0000.0124	
	1.2/1.6 D=30 d=14 VK	002.0000.0127	
Machines			
Pioneer 321MKS - MicroMag 301 Plus MicroMag 302MFK - Micropulse 302MFK			

**D40 - d22**

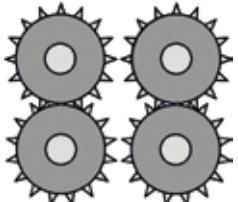
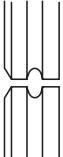


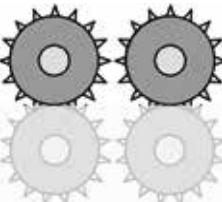
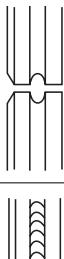
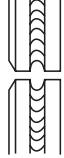
Roll		CODE	
 SG2/SG3	0.6/0.8 D=40 d=22 V	002.0000.0106	
	0.8/1.0 D=40 d=22 V	002.0000.0109	
	1.0/1.2 D=40 d=22 V	002.0000.0107	
 AI / SS	0.8/1.0 D=40 d=22 U	002.0000.0111	
	1.0/1.2 D=40 d=22 U	002.0000.0112	
 FCW	1.0/1.2 D=40 d=22 VK	002.0000.0114	
Machines			
Discovery 161 MF			

Roll		CODE	
 SG2/SG3	0.6/0.8 D=37 d=19 V	002.0000.0140	
	0.8/1.0 D=37 d=19 V	002.0000.0141	
	0.9/1.0 D=37 d=19 V	002.0000.0200	
	0.8/1.2 D=37 d=19 V	002.0000.0199	
	0.9/1.2 D=37 d=19 V	002.0000.0397	
	1.0/1.2 D=37 d=19 V	002.0000.0142	
	1.2/1.4 D=37 d=19 V	002.0000.0180	
	1.2/1.6 D=37 d=19 V	002.0000.0143	
	1.4/1.6 D=37 d=19 V	002.0000.0398	
	0.8/1.0 D=37 d=19 U	002.0000.0144	
 AI / SS	0.9/1.2 D=37 d=19 U	002.0000.0399	
	1.0/1.2 D=37 d=19 U	002.0000.0145	
	1.2/1.6 D=37 d=19 U	002.0000.0146	
	1.6/2.0 D=37 d=19 U	002.0000.0147	
	2.4/3.2 D=37 d=19 U	002.0000.0148	
 TEFLON	0.8/1.0 D=37 d=19 U	002.0000.0410	
	1.0/1.2 D=37 d=19 U	002.0000.0171	
	1.2/1.6 D=37 d=19 U	002.0000.0172	
 FCW	0.8/0.9 D=37 d=19 VK	002.0000.0400	
	0.9/1.0 D=37 d=19 VK	002.0000.0401	
	0.9/1.2 D=37 d=19 VK	002.0000.0402	
	1.0/1.2 D=37 d=19 VK	002.0000.0149	
	1.2/1.2 D=37 d=19 VK	002.0000.0181	
	1.2/1.4 D=37 d=19 VK	002.0000.0403	
	1.2/1.6 D=37 d=19 VK	002.0000.0150	
	1.4/1.6 D=37 d=19 VK	002.0000.0404	
 FLAT	1.6/2.4 D=37 d=19 VK	002.0000.0405	
	2.4/3.2 D=37 d=19 VK	002.0000.0151	
 FLAT	D=37 d=19	002.0000.0152	
 FLAT	D=37 d=19	002.0000.0153	
Machines			
Pioneer 401MKS / 403MKS - Pioneer Pulse 403MKS - WF104 / 107 / 108 / 203 / 204 / 205 / 205P			

# Kit double drive rolls - Set WPQR EN-1090

## Kit double drive rolls

Machines			
Pioneer 401MKS / 403MKS - Pioneer Pulse 403MKS - WF104 / 107 / 108 / 203 / 204 / 205 / 205P			
			
	CODE		
	Gear adaptor feed roll SF 44038	002.0000.0299	
	0.8/1.0 D=37x12/d=19 U	002.0000.0406	
	1.0/1.2 D=37x12/d=19 U	002.0000.0168	
	1.2/1.6 D=37x12/d=19 U	002.0000.0169	
	1.6/2.0 D=37x12/d=19 U	002.0000.0407	
	1.6/2.4 D=37x12/d=19 U	002.0000.0408	
	2.4/3.2 D=37x12/d=19 U	002.0000.0409	

Machine			
Micropulse 302MFK			
			
	CODE		
	Upper Gear adaptor feed roll SF 30530	002.0000.0369	
	0.8/1.0 D=30x12/D=14 V DOUBLE D.	002.0000.0193	
	1.0/1.2 D=30x12/D=14 V DOUBLE D.	002.0000.0170	
	1.0/1.2 D=30x12/D=14 VK DOUBLE D.	002.0000.0178	

## Set WPQR EN-1090



	CODE	
Set WPQR EN-1090	006.0001.9001	

# Weco Welding Jacket

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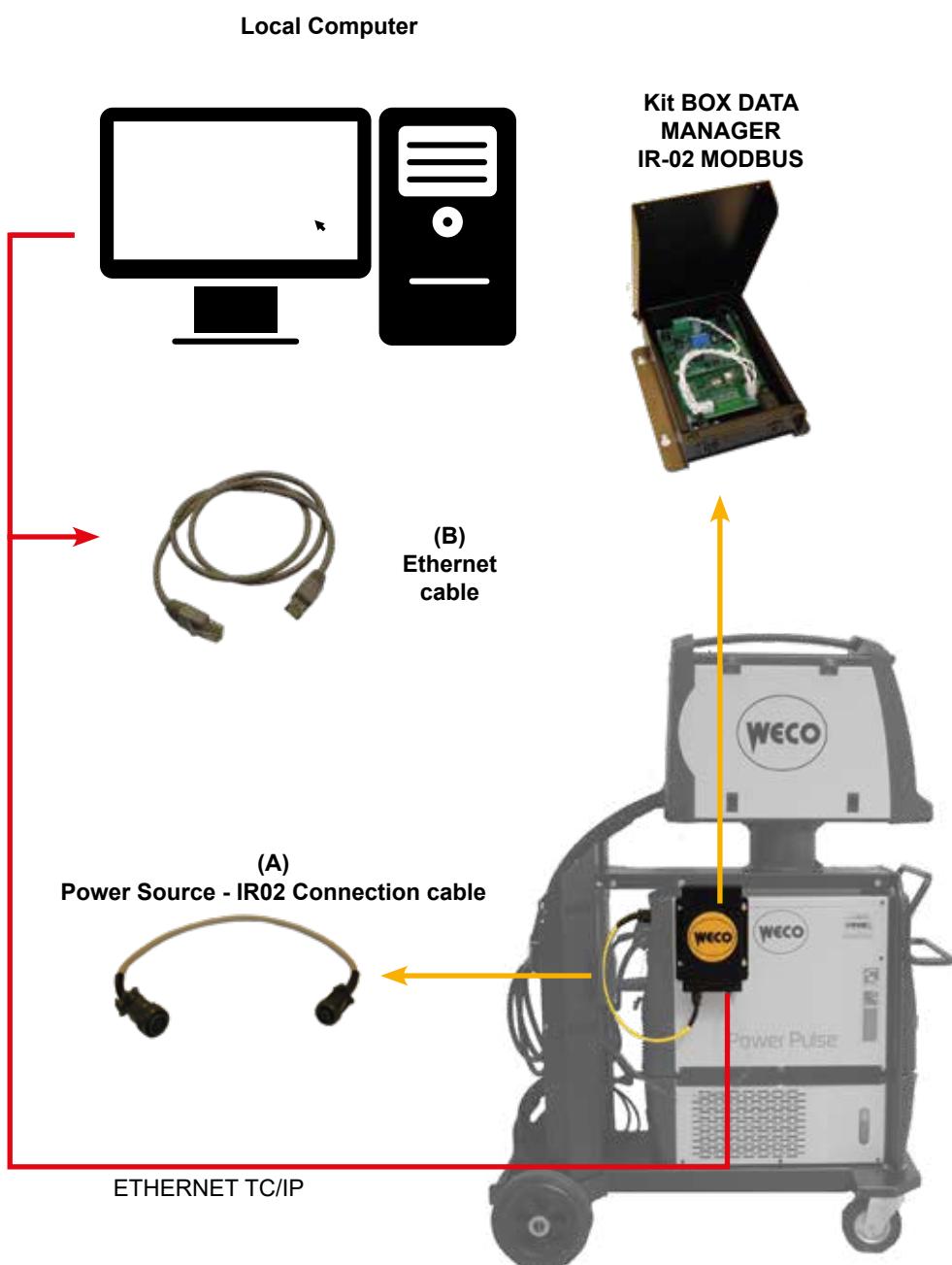
## Weco Welding Jacket

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TECHNICAL DATA		
100% Fireproof cotton	EN 11612	
SIZE	CODE	
M	054.0000.0013	
L	054.0000.0012	
XL	054.0000.0011	
XXL	054.0000.0010	

# Weco Data Manager configuration for dedicated LAN



ITEM	CODE	
<b>Kit Box Weco Data Manager IR-02 MODBUS</b>		
<b>Kit Box Weco Data Manager IR-02 MODBUS</b>	006.0003.0181	
<b>(A) Power Source - Box Weco Data Manager IR-02 MODBUS Connection Cable</b>		
Conn. Cable DATA_MANAGER MIL6/MIL10 L=0,65m	002.0001.0415	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=2,0m	002.0001.0411	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=5,0m	002.0001.0412	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=10,0m	002.0001.0413	
Conn. Cable DATA_MANAGER MIL6/MIL10 L= CUSTOM	002.0001.0410	<b>meter</b>
<b>(B) Ethernet Cables</b>		
ETHERNET Cable L=0,5m	002.0001.0300	
ETHERNET Cable L=5m	002.0001.0305	
ETHERNET Cable L=10m	002.0001.0310	
CONFIGURATION	CODE	
<b>Kit Weco Data Manager LAN</b>	006.0011.0432	

# Weco Data Manager configuration with WIFI on board the machine



Notebook  
(Windows)



Tablet  
(Windows)

**Kit Box Weco Data Manager  
IR-02 MODBUS**



(A)  
Power Source- IR02 Connection cable

(B)  
Ethernet  
cable

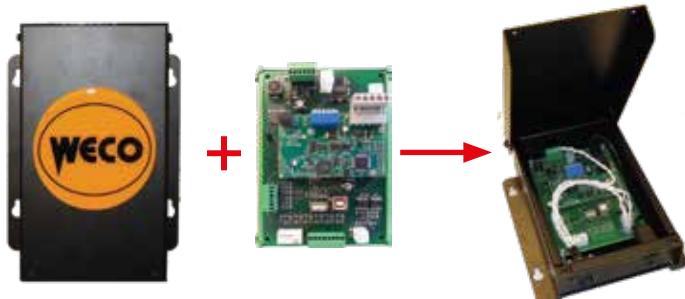
**Kit Box Access Point Wireless 802.11n**



ITEM	CODE	
<b>Kit Box Weco Data Manager IR-02 MODBUS</b>		
<b>Kit Box Weco Data Manager IR-02 MODBUS</b>	006.0003.0181	
<b>(A) Power Source - Box Weco Data Manager IR-02 MODBUS Connection Cable</b>		
Conn. Cable DATA_MANAGER MIL6/MIL10 L=0,65m	002.0001.0415	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=2,0m	002.0001.0411	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=5,0m	002.0001.0412	
Conn. Cable DATA_MANAGER MIL6/MIL10 L=10,0m	002.0001.0413	
Conn. Cable DATA_MANAGER MIL6/MIL10 L= CUSTOM	002.0001.0410	<b>meter</b>
<b>Kit Box Access Point Wireless 802.11n</b>		
<b>Kit Box Access Point Wireless 802.11n</b>	006.0002.0047	
<b>(B) Ethernet Cables</b>		
ETHERNET Cable L=0,5m	002.0001.0300	
ETHERNET Cable L=5m	002.0001.0305	
ETHERNET Cable L=10m	002.0001.0310	
<b>CONFIGURATION</b>		<b>CODE</b>
<b>Kit Weco Data Manager WiFi</b>	006.0011.0433	

# Weco Data Manager

## Kit Box Weco Data Manager IR-02 MODBUS



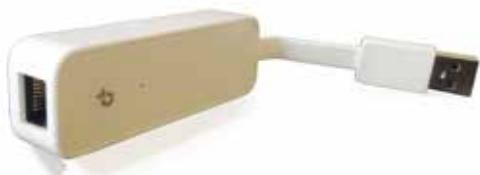
TECHNICAL DATA		
INPUT	WEKO CAN BUS	230Vac
OUTPUT	ETHERNET TC/IP	
SIZE	180 x 66 x 237mm	
WEIGHT	2,15Kg	
Kit Box Weco Data Manager IR-02 MODBUS	CODE	
006.0003.0181		

## Kit Box Access Point Wireless 802.11n



CODE	
006.0002.0047	

## USB-Ethernet Adaptor



CODICE	
006.0002.0048	

## Weco Data Manager Software (USB Memory stick)



CODE	
010.0000.0075	

# Terms Of Warranty Weco Srl



Weco Srl, manufacturer of welding systems based in, Corso Noblesville n.8, 35013, Cittadella, (Padova) Italy, is committed to recognising a Warranty in accordance with the following specifications for products sold starting from January 2019.

## DURATION OF WARRANTY PERIOD

The warranty validity period starts on the product purchase date.

### 3 YEAR WARRANTY:

All power source, WF wire feeder systems and power source trolleys, for a maximum operation time of 8760 hours.

### 2 YEAR WARRANTY:

All CU cooling systems.

### 12 MONTHS WARRANTY:

cable bundles, communication wires external to device, remote controls and all items not mentioned previously.

### 6 MONTHS WARRANTY :

ACCESSORIES purchased for repair beyond product warranty period. Repairs of products at Weco Srl main site, beyond warranty period, limited to replaced and/or repaired part.

The period of validity is calculated starting from the day of spare part purchase at Weco Srl, or from the date of repair.

## APPLICATION OF WARRANTY

Please request a warranty claim form from the Authorised Dealer where you made the purchase. Any requests for ACCESSORIES must be submitted by filling out the special SERVICE form, via e-mail to: service@weco.it or sales@weco.it. Product functionality is restored by the supply of ACCESSORIES for the repair and/or replacement of any parts identified by authorised technical personnel as malfunctioning. Spare part installation does not extend the warranty period under any circumstances. Upon request from Weco Srl, the purchaser will be required to return replaced items under warranty which have been declared faulty, at their own expense.

## LIMITATIONS AND EXCLUSIONS OF WARRANTY

The warranty does not cover expenses for diagnosing faults, daily transfer allowances, remuneration or food and accommodation expenses. WECO Srl will not be held liable for any accidental or indirect damage (loss of business, etc.) caused by the fault, or the time necessary for its correction. This warranty does not cover faults caused by:

- normal wear and ageing of product parts and/or components (such as power cables, plastic parts, wheels, hydraulic system parts such as tubes or fittings, etc...);
- failure to comply with WECO Srl instructions for product installation and use;
- products with illegible or removed data plate or serial number;
- use of non-original ACCESSORIES;
- absence of scheduled ordinary maintenance (as indicated in the "General instructions for use" of the product)
- erroneous connection to power sources (e.g. damage to protection varistors on input filter board);
- damage to product during shipment;
- failure to comply with safety regulations;
- modifications and/or alterations to equipment carried out by unqualified personnel;
- technical operations carried out differently to what is specified in the Weco Srl use and maintenance manual;
- damage caused by third parties;
- tampering or modifications to product;
- causes of force majeure (lightening, power surges, fires, hail, flooding, etc.);

Any disputes arising from these conditions of warranty will be assessed and resolved according to Italian Law, under the jurisdiction of the Court of Padua.

## SHIPMENT EXPENSES

The purchaser will bear all shipment and packaging expenses for shipments to WECO Srl. WECO Srl will bear all shipment and packaging costs for shipments from WECO Srl.



**WELD THE WORLD**

**WECO Srl**

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(PD) Italy

info@weco.it

www.weco.it



Management  
System  
ISO 9001:2015  
[www.tuv.com](http://www.tuv.com)  
ID: 9000002669



Distributor