



ORBITAL WELDING SYSTEMS



EVO SERIES

New to the market is the Industry 4.0 EVO Series, a range of compact systems, initially in 200 Amp auto range.

These systems are small, light and handy and offer a high-resolution colour display, multilingual intuitive operator guidance with a colour touch interface, or alternative operation using a membrane keyboard, stable operating system (without loss of data during power outages and quickly ready for use again), data transfer via USB, LAN and WLAN, fault analysis program, manufacturer support via remote maintenance, optionally mountable cooling units, and more.

Depending on the model, systems may be equipped with different features. Individual features can be added for an additional charge.

The EVO 200 WP, for example, has a standard Turbo Purge function. When the Turbo Purge function is activated, the cassette welding head is purged with an increased amount of gas (setting via the analogue rotary control on the controller and digital display). Shortly before the welding process, the amount of gas is reduced to the amount required for the cassette weld head. This considerably shortens the welding process and achieves better welding results by precisely controlling the amount of gas.

For the optional digital Turbo Purge feature, the gas flow is continuously measured and regulated by a gas flow controller. The amount of gas is digitally set on the display and saved in the programme for future welds.

With high productivity, the cassette weld head can be preserved by activating the permanent gas function to extend the service life of the tungsten electrodes.

FEATURES	EVO 200 LITE	EVO 200 WP
High-resolution 10.1" colour touch display	•	•
Durable display-transport protection	•	•
Separate control panel for alternative operation	•	•
Simple, intuitive user guidance with auto-programming	•	•
Graphics-supported multilingual user interface	•	•
Metric and imperial units	•	•
Orbital tacking mode available		•
Integrated wire card		•
Analogue Turbo Purge		•
Permanent gas function	•	•
Real-time monitoring of welding parameters	•	•
Continuous monitoring of all sensors (gas, water, residual oxygen, pressure)	•	•
Rotor stop function for increased safety	•	•
4 GB flash memory for programmes and documentations	•	•
Integrated thermal printer (longlife paper) with multilingual printing actual/target parameters		•
Data transfer via USB	•	•
Data transfer via LAN, WLAN		•
Integrated help menu in the device	•	•
Failure analysis programme	•	•
Remote maintenance	•	•

Orbital welding system

Orbital welding tools

Welding equipment

Saws / tube squaring devices

Purge accessories

Measurement devices

Service / warranty



Item number

OPTIONAL	EVO 200 LITE	EVO 200 WP
External PC software, also with offline editing and programming, data transfer, external quality control, etc.		•
Option to connect welding heads		•
Turbo Purge digital		•
AVC card (for Turn or RBK)	•	•
Wire card	•	▲
Optional mountable cooling unit	•	•

▲ = EVO 200 WP STANDARD EQUIPMENT



EVO 200 WP ORBITAL WELDING CONTROLLERS

Technical Data:

Output	DC
Mains voltage	AC 1 x 230 V +/- 15%
	AC 1 x 115 V +/- 15%
Input	50 / 60 Hz
Power rating	6 kVA
Generator output	9 kVA
Current range	5 – 200 A
Current duty cycles	25% ED WIG 200 A
	60% ED WIG 150 A
	100% ED WIG 120 A
Weight:	16.8kg
Dimensions (L x B x H):	500x340x360mm

Package includes:

- Orbital welding system
- Display transport protection
- Operation manual
- Calibration certificate



EVO with mounted transport protection



Transport protection on the back

EVO 200 WP ORBITAL WELDING CONTROLLERS EVO 200 LITE ORBITAL WELDING SYSTEM

1.3.7000
1.3.7001

Suitable accessories:



REPLACEMENT LONGLIFE THERMAL PAPER ROLL FOR EVO CONTROLLERS

1.3.0035