

EVO Series 4.0

EVO Series

New to the market is the EVO Series Industry 4.0. This series will include a variety of compact systems, initially as 200 Ampere Autorange, but in the future also as 300 Ampere, optional AVC / OSC (arc control and oscillation, for multi-layer welding) available.

The systems are small, light-weight, handy and have a high-resolution color display, multi-lingual intuitive operation through color touch interface or alternatively operation via membrane keyboard, stable operating system (without loss of data in case of power failure 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, ...

The systems are - depending on the model - equipped with different features, individual features can be booked for an additional charge.

The EVO 200 WP 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 before and after the welding process (setting via the analog rotary control on the control and digital display). Shortly before the welding process, the amount of gas is reduced to the amount required for the cartridge welding head. This considerably shortens the welding process and achieves better welding results by precisely controlling the amount of gas.

With the optionally available digital Turbo Purge function, the gas flow is continuously measured and controlled by a gas flow controller. The amount of gas is adjusted digitally on the display and stored in the program for future welds.

With high productivity, the cartridge welding head can be protected by activating the permanent gas function and the service life of the tungsten electrodes can be extended.



Eigenschaften	EVO Lite	EVO 200 WP
High-resolution 10.1" color touch display	•	•
Robust display transport protection	•	•
Operation also via separate control panel	•	•
Simplest intuitive user guidance with auto-programming	•	•
Graphics-support multilingual user interface	•	•
Metric and imperial units	•	•
Orbital stabling mode can be activated		•
Intergrated wire card		•
Turbo purge analog		•
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 programs and documentation	•	•
Integrated thermal printer (long -life paper) with multilingual printing Actual/ target parameters		•
Data transfer via USB	•	•
Data transver via LAN, WLAN		•
Integrated help menu in the device	•	•
Failure analysis program	•	•
Remote maintenance	•	•

Optional	EVO Lite	EVO 200 WP
External PC-Software also with offline editing. Programming, data transfer, quality control from external		•
Connection possibility competition heads		•
Turbo Purge digital		•
AVC-card (for Turn or RBK)	•	•
Wire card	•	▲
Optional mountable cooking unit	•	•

▲ = included as standard with EVO 200 WP

Technical Specifications:

Current Type:	DC
Main voltage:	AC 1 x 230 V +/- 15%
	AC 1 x 115 V +/- 15%
Main frequency:	50 / 60 Hz
Primary Maximum power:	6 kVA
Rated generator power:	9 kVA
Control range:	5 – 200 A
Welding current:	25% ED TIG 200 A
	60% ED TIG 150 A
	100% ED TIG 120 A
Weight:	16.8 kg
Dimensions (L x B x H):	500 x 340 360 mm

Delivery:

- Orbital sweat plant
- Display transport protection
- Operator's manual
- Calibration

Orbital welding machine EVO 200 WP
Orbital welding machine EVO 200 Lite

Part number 1.3.7000
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