

APPLICATIONS

- ▶ Construction
- ▶ Aerospace
- ▶ Fabrication
- ▶ Automotive
- ▶ Production
- ▶ Weld Training



Power Wave® S350 CE

Welding power source for all welding methods with external wire feeder LF-45

Power Wave® S350 CE is a multi-process intelligent, welding machine. It provides extremely fast adjustment of the parameters of the welding arc, and over 65 standard forms of pulse during welding for optimal performance in different applications and effectively converts the input power to reduce production costs.

PROS:

POWER WAVE® MANAGER

- Ability to check the current status of each element of the welding system
- Easy view of information, related to your welding operations
- Backing up specific configurations in welding processes for subsequent recovery

WELD SCORE™

- Unique patented system for continuous monitoring of 30 to 50 variables, fundamentally different from systems only tracking voltage and current. It allows you to specify whether the preset parameters are met and thus it controls the quality of finished products.

POWER CONNECT™ TECHNOLOGY

- Automatic recognition of supply voltage of 200–600 V / 50–60 Hz

TRIBRID™ POWER MODULE

- An excellent performance of the welding machine with high power factor ($\cos \phi$) and high efficiency.

WAVEFORM CONTROL TECHNOLOGY®

Possible processes

- Puls
- Puls-on-Puls®
- Power Mode®
- RapidArc®



TECHNICAL SPECIFICATIONS OF THE POWER SOURCE

Welding processes	MEW, VIG- DC, Pulse VIG- DC, MIG / MAG, Pulsed MIG, Pipe wire
Power supply voltage	230/380-415/460/575V/ 3 Ph /50/60 Hz
Welding current	5 - 350 A
Productivity	GMAW: 350 A / 31.5 V / 40 % GMAW: 300 A / 29 V / 100 % SMAW: 325 A / 33 V / 40 % SMAW: 250 A / 30 V / 100 % GTAW-DC: 350 A / 24 V / 40 % GTAW-DC: 300 A / 22 V / 100 %
Connection between the power source and the wire feeding device	digital
Protection degree	IP 23

TECHNICAL FEATURES OF THE WIRE FEEDER: LF - 45

Number of wire feeding rollers	4 pcs
Torch cooling	Water
Wire feed speed	1,0 - 20 m/min
Diameters of the wires	
Solid (black and stainless)	0,8 - 1,6 mm
Pipe (self-protection and gas protection)	1,0 - 1,6 mm
Aluminium	1,0 - 1,6 mm
Stageless regulation of wire feed speed and voltage	
2 and 4-step regime of the torch	
Routing units and purging the hose with gas	
Smooth / hot start	
Displays for welding current and voltage	

TECHNICAL POSSIBILITIES:

Weld⁺

Welder with synergistic setting of welding parameters by which achieves time saving, high quality welds and easy setup.

Synergy

POP
Pulse On Pulse

Two levels of welding current change in the frequency, the amplitude and duration generated automatically, each level can be adjusted within a range.