



GO WELD IT! WITH CORE.

CORE 165^{MMA}

CORE 165^{MMA} is a single-phase power source for MMA welding, LIFT-TIG DC (L-GTAW) welding and LIFT-TIG DC spot welding functions built for the toughest job sites.

Due to its high-grade, hybrid, composite and galvanized steel construction, CORE power sources are portable, durable, and resilient. CORE is built to last!

Advanced customisable easy-to-read controls make setting parameters intuitive, and smart monitoring features keep welders informed.

CORE's ergonomic design is free from sharp edges making its easy to carry. The ergonomic and sturdy handle and shoulder strap makes CORE ready to weld anywhere.

Adjustable Hot Start and Arc Force functions ensure smooth arc starts and prevent electrode sticking, ideal for all welding positions.

Cool-Air management /wind tunnel, ensures optimal performance and minimising service and maintenance time and costs.

Whether your chasing deadlines or laying down critical welds, CORE keeps pace with your skill and your schedule.

Experience The Perfect Weld Seam with Superior Arc Performance.



Benefits



Premium Performance MMA with synergic mode. Stable and smooth arc across all electrode types. Synergic function allows quicker set up time and transitions between different welding tasks.



The expansive high-contrast display ensures optimal user experience (UX) for maximum readability indoor and outdoor.



TIG LIFT and TIG LIFT Spot Welding use a controlled arc initiation. The tungsten electrode touches the workpiece without contaminating the workpiece and without electrode sticking. TIG Lift is a cost effective and good for limited space applications and where frequency sensitive devices are present.

INDUSTRIES

- » General & Light Construction
- » Agricultural Industry
- » Maintenance & Repair



Built tough. Backed for longer. Industry-leading 5-year warranty for peace of mind.



Technical Data

CORE	165 ^{MMA}
Dimensions	429 x 172 x 316 mm
Weight	7.7 kg
IP protection rate	IP23S
Insulation Class	H
Power supply cable	3 x 2.5 mm ² - 3 m
Power plug type	16 A 250 V Type F
Power supply (50/60 Hz)	1 x 230 (± 15 %)
Maximum Input Power	7.4 kVA
Maximum Input current	32 A
Efficiency	88.6 %
Power Factor (P.F.)	0.63
Duty factor - 40 °C	25 % - 165 A 60 % - 106 A 100 % - 83 A
No-load voltage	65 Vdc
CosΦ	0.99
Welding current	20-165 A

Optional (field kit only)

Art. Nr.	Description
Available 1 st of Oct 25	Remote control (wired)
Available 1 st of Oct 25	Remote control cable 5 mt
Available 1 st of Oct 25	Remote control cable 10 mt
Available 1 st of Oct 25	Remote control cable 15 mt
Available 1 st of Oct 25	Tig SR 17 "V"
Available 1 st of Oct 25	Tig SR 17 4 mt with trigger 4 mt

Delivery Options

Art. Nr.	Description
55.22.001	CORE 165 ^{MMA} power source including stick electrode holder 3 mt & work cable 3 mt

Spare Parts

Art. Nr.	Description
71.24.001	Stick electrode holder with cables & plug 16 mm ² 3 mt
71.25.001	Work cable with clamp & plug 16 mm ² 3 mt
Available 1 st of Oct 25	Stick electrode holder with cables & plug 25 mm ² 3 mt
Available 1 st of Oct 25	Work cable with clamp & plug 25 mm ² 3 mt



71.24.001 Stick electrode holder



71.25.001 Work cable

Watch CORE in action



Visit our website to download the user manual

