

KARoMIG

Universal inert gas welding machine

Compact MIG / MAG gas-shielded arc welding machine with air-cooled welding torch. Welding of thin up to medium thickness of sheets and MIG-brazing of coated sheets.



Also suitable for welding of light metals after straightforward conversion

- Welding power adjustable in 12 steps
Step switch combined with the operating modes
- Seam welding (10 steps)
- Simplified operation through wire feed automatic
- Adjuster for adapting the wire feed speed to the type of gas
- Pluggable control MIG 13
- Self-cooling without ventilator
- Temperature monitoring of the main transformer and the main rectifier
- Long-pulse welding (2 steps)
- MIG brazing (Level 1)
- S-mark: approved for construction sites and work with increased electrical hazard
- LEDs „Ready“ and „Fault“
- Meets new standards VDE 0544-1, EN 60974-1, EN 60974-10
- CE mark

2016 | 2017

**INNOVATIVE
THROUGH RESEARCH**

Awarded by the
Stifterverband
ELM3445MOR

Fields of application

Garages | general body repairs | repair | locksmithery | building construction | sheet metal working | education

Technical information

KARoMIG

Applications	MAG, MIG, MIG-brazing
Base materials	Structural steels, Stainless steels ferritic / austenitic Duplex steels Galvanized, pretreated steels (MIG brazing)

Technical data

Mains connection

Supply voltage	3 x 400 V 50/60 Hz
Continuous / max. power output	6,8 kVA
Continuous / max. current	2,9 / 9,8 A
Fuse	16 A (slow blow)
Connecting cable	4 x 1,5 mm ² Cu
Power factor cos. φ	0,75

Welding performance

Setting range	30 - 180 A
Open circuit voltage approx.	16,5 - 43 V
Duty cycle	20%: 180 A / 22 V 60%: 90 A / 19 V 100%: 70 A / 18 V
Long-pulse welding	30 A / 15 V up to
2 settings	45 A / 16 V
Seam welding	30 A / 15 V up to
7 settings	160 A / 22 V
Spot welding	100 A / 19 V up to
3 settings	160 A / 22 V
Solid wires	
Steel/ Stainless steel	0,8 mm - 1,9 mm
Aluminum	1,0 mm

Construction

Dimensions L x W x H	816 x 460 x 660 mm
Weight	67 kg
Protection	IP 23
Insulation class	F
Cooling	S
Gas bottle holder	Up to 20 l (4 m ³ mixed gas)
Welding torch	ML 15 ZA with 3 m cable package
Work piece cable	3 m work piece clamp

Technical changes reserved.

