



- Gas-cooled DC TIG inverter welding machine
- Inverter welding machine, DC, automatic mains voltage adaptation
- TIG welding with reproducible, electronic HF start
- TIG lift arc welding without HF
- MMA pulse welding and pulsed TIG welding up to 2 kHz
- Non-latched/latched operation
- Clearly structured operating panel, operating elements streamlined to feature the main TIG functions
- Reduced secondary current accessible using torch trigger
- Up-slope/down-slope adjustable
- Adjustable gas pre-flows/post-flows
- **MMA welding**
- Adjustable hot start current and hot start time
- Adjustable Arcforce
- Antistick function
- Energy-saving thanks to high efficiency and standby function
- Portable, including shoulder strap
- 3.5 m mains supply lead with 16 A shock-proof plug
- Mains connection 230 V/16 A
- Multivolt (MV): automatic mains voltage adaptation (115 V/230 V)
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

	TIG	MMA
Setting range for welding current	5 A - 200 A	5 A - 150 A
Duty cycle at ambient t.e	40 °C	
25 %	200 A	—
35 %	—	150 A
60 %	150 A	120 A
100 %	140 A	100 A
Open circuit voltage	90 V	
Mains frequency	50 Hz / 60 Hz	
Mains fuses (slow-blow)	1 x 16 A, Mains fuses (slow-blow) 1 x 25 A	
Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %), Mains voltage (tolerances) 1 x 115 V (-15 % - +15 %)	
Max. connected load	4.4 kVA	—
Recommended generator power	7.5 kVA	—
cos φ	0.99	
Efficiency	86 %	
Dimensions machine, LxWxH in mm	428 x 181 x 294	
Weight, machine	9.8 kg	
Torch connection	Decentral	

Welding site equipment for TIG welding

TIG 150 GD GRIP 5P 4m

394-512291-00600



- Gas-cooled TIG welding torch
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

OW CEE 32A

092-008215-00000



- Factory fitting (no retrofitting)
- Suitable for all machines with a welding current of 350 A and above

WK35mm² 290A/60% 4m/K

092-000008-00000



- Completely assembled workpiece lead with terminal

DM 842 Ar/CO₂ 230bar 15l D

394-002910-00015



- Manufactured in accordance with ISO 2503
- Maximum primary pressure of 230 bar
- Single-stage
- Infinite and highly accurate adjustment
- Safety manometer with pressure meter or flow meter (bar/psi or litres per minute)
- With cut-off valve

Gas hose

094-000010-00001



- Equipped with plastic nuts on both sides for tool-free assembly

Accessories

TIG 150 GD GRIP 5P 8m

394-512291-00608



- Gas-cooled TIG welding torch
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

TIG 150 GD GRIP 5P HFL 4m

394-512291-10600



- Gas cooled TIG welding torch with a highly flexible hose package
- Double push-button
- Ergonomic GRIP handle for a secure hold and ergonomic use
- Excellent HF safety
- **Equipment as delivered:**
- Electrode holder: Ø 2.4 mm
- Gas nozzle: Ø 10 mm, size 8
- Tungsten electrode E3 (purple): Ø 2.4 mm

RT1 19POL

090-008097-00000



- Remote control, current
- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Operating point setting directly at the site of welding
- Robust metal casing with rubber feet, retaining clip and holding magnet

RTF1 19POL 5 M

094-006680-00000



- Foot-operated remote control, start/stop
- Infinitely adjustable welding current (0% to 100%) depending on the main current preselected at the welding machine.
- Start/stop welding operation
- Operating point setting directly at the site of welding

Accessories

EH 35qmm 4m
092-000052-00000



- Fully assembled electrode holder with cable

ADAP SCHUKO/16CEE
092-000812-00000



- Earth contact coupling/CEE16A plug

WK25mm² 230A/60% 4m FIX
398-000593-00000



- Completely assembled workpiece lead with original FIX clamp

WK16mm² 170A/60% 4m/K
094-005314-00000



- Completely assembled workpiece lead with terminal

WK70mm² 450A/60% 4m/Z
092-000013-00000



- Completely assembled workpiece lead with clamp

Accessories

DM 842 Ar/CO₂ 230bar 15l D

394-002910-00015



- Manufactured in accordance with ISO 2503
- Maximum primary pressure of 230 bar
- Single-stage
- Infinite and highly accurate adjustment
- Safety manometer with pressure meter or flow meter (bar/psi or litres per minute)
- With cut-off valve

ON AL D13/27

092-003282-00000



- Cap for load sockets

Gas hose

094-000010-00005



- Equipped with plastic nuts on both sides for tool-free assembly

L-BOXX 374

094-003899-00000



- Robuste Transportbox

L-BOXX 102

094-003900-00000



- Robuste Transportbox