

MMA 160

290-010100-00000



- TEAMWELDER MMA 160 – the ideal companion for building sites or wherever you go. Small, light and easy to handle – a top performer.
- Antistick – no electrode annealing
- Hot start – safe ignition and re-ignition of electrode
- Arcforce – adaptation to electrode types
- Practical carrying strap, compact size and weighs only 4.8 kg
- Inverter technology: Lightweight and compact design, high efficiency and standby function
- 100% suitable for construction sites: Splash-proof, unrestricted generator operation, connection to long mains leads, robust casing
- Mains lead with 16 A earthed plug
- **Overvoltage protection: No damage to machine if inadvertently connected to 400 V**

- Repair work in workshops, for assembly work and on construction sites
- Outdoor and offshore welding work
- Metal construction (stairs and railings), light steel construction
- Agricultural and forestry operations
- Municipal and mining operations
- Building construction and road-building
- DIYers and enthusiasts

	MMA	TIG
Setting range for welding current	10 A - 150 A	10 A - 160 A
Duty cycle at ambient t.e	40 °C	
30 %	–	160 A
35 %	150 A	–
60 %	120 A	130 A
100 %	100 A	
Open circuit voltage	105 V	
Mains frequency	50 Hz / 60 Hz	
Max. connected load	6.4 kVA	4.6 kVA
Recommended generator power	8.6 kVA	6.2 kVA
cos φ	0.99	
Efficiency	86 %	
Dimensions machine, LxWxH in mm	430 x 155 x 255	
Weight, machine	4.8 kg	
Protection classification	IP 23	
Standards	IEC 60 974-1; -10 / S-Safety sign / EMC class A IEC 60 974-1; -10S-Safety sign, EMC class A	



MMA 160

The lightweight, powerful MMA welding machine –
Ideal for construction site use

Energy cost-saving inverter technology

- High efficiency
- Standby function

100% suitable for construction sites

- Large mains voltage range for unlimited operation with generators and up to 75 m-long mains lines
- Splash-water protected as per IP 23
- Rugged aluminium housing with impact-resistant plastic cover in front and rear
- Operating elements placed in protected location



Only 4.8 kg – Mobile enough for any operating site!

- Practical carrying strap for effortless transport over stairs, ladders, in steel construction and on scaffolds

TIG lift arc

The way professionals weld

- Safe ignition thanks to a high open circuit voltage and automatic hot start
- Stable arc
- High duty cycle

Safe and reliable

- **Overvoltage protection:** No damage to machine if inadvertently connected to 400 V mains voltage
- Temperature-overload protection
- Dust-protected electronics

Welding procedure selection

- MMA
- TIG lift arc

Indicators

- Ready for operation
- Interference

Welding current adjustment

Large rotary knob for safe operation, even with gloves

Antistick – No electrode annealing

If the electrode sticks, e.g. due to a low welding current, the system automatically switches to the minimum current level

Automatic hot start

Safe ignition and re-ignition of stick electrode

Arcforce

Ensures optimum welding properties of the various electrode types: rutile (R), rutile-basic (RB), basic (B), rutile-cellulose (RC)

Accessories

TW-SR 9 GDV 4m

294-080095-10104



- Gas cooled TIG welding torch with rotary gas valve
- Compatible with SR replacement parts
- For connection to welding machines without gas valve

BWG UNI

295-001001-00000



EH 16qmm 4m

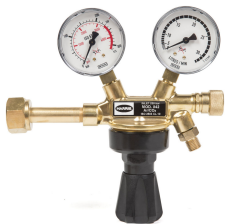
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- Fully assembled electrode holder with cable

DM 842 Ar/CO2 230bar 15l D

394-002910-00015



- Pressure regulator with manometer
- 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

Accessories

WPHW 460G
098-001552-00000



- Chipping hammer with ash wooden handle and steel wedge
- Sharpened and hardened

WBST 2R
098-001243-00000



- Wire brush, steel, 2-row

HSB 90x110 mm
098-000203-00000



- Welding shield made of plastic with fully inserted glass fibre fabric
- Curved, pre-fabricated version
- Flame-retardant
- UV resistant, no moisture absorption
- Cold and heat resistant from -20°C to 200°C

SE 6013 RC BLAU 2.0mmX300
097-003530-20300



- Rutile/cellulose coated stick electrode
- Can be welded in any position, including vertically down
- Excellent ignition and reignition characteristics
- Even with rusty, primed and galvanised workpieces thanks to the aggressive arc
- Very good mechanical quality values