

MIG 300 D3 Synergic puls

290-030450-00000



- TEAMWELDER MIG 300 D3 SYNERGIC – the powerful multi-talent featuring three welding procedures
- MIG/MAG, MMA and TIG
- Welding of self-shielded flux cored wires without gas
- TIG lift arc welding
- One-knob operation (Synergic)
- Simple, tool-free changing of polarity
- 4-roll drive
- Factory fitted for 0.8 mm + 1.0 mm steel wires
- Designed to hold 15 kg wire spools
- 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

- Production and repair work in workshops, for assembly work and on construction sites
- Outdoor and offshore welding work
- Steel and other metal construction
- Container construction and machine and plant engineering
- Façade, heating and ventilation construction
- Mining operations
- Building construction and road-building

	MIG/MAG	TIG	MMA
Setting range for welding current	5 A - 300 A		5 A - 280 A
Duty cycle at ambient t.e	40 °C		
40 %	300 A		280 A
60 %	260 A		
100 %	200 A		
Open circuit voltage	93 V		
Mains frequency	50 Hz / 60 Hz		
Max. connected load	11 kVA	8.3 kVA	11 kVA
Recommended generator power	14.9 kVA	11.2 kVA	14.9 kVA
cos φ	0.99		
Dimensions machine, LxWxH in mm	625 x 300 x 480		
Weight, machine	29 kg		
Protection classification	IP 23		
Insulation class	F		
Torch connection	Euro torch connector		
Standards	IEC 60 974-1; -5; -10 / S-Safety sign / EMC class A		
	IEC 60 974-1; -5; -10S-Safety sign, EMC class A		

System components for welding MIG/MAG

TW-MIG 36G 4m

294-040320-00004



- Robust MIG/MAG welding torch, 340 A/60%, for use on construction sites and in workshops
- Ergonomic grip with ball joint
- Fast reacting microswitch and anti-kink spring on the torch as well on the connection

AK300

094-001803-00001



- Wire spool adapter for use with a wire basket spool (B 300)

WK50mm² 350A/60% 4m/K

092-000003-00000



- Fully assembled welding leads

GH 2x1/4" 2m

094-000010-00001



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

Accessories

TW-SR 26 EZA 4m

294-080240-14004



- Gas cooled TIG welding torch with Euro torch connector
- Single-push button
- Compatible with SR replacement parts
- Euro torch connector for operation on MIG 180 and MIG 300
- Please ensure the welding torch is always equipped according to the diameter of the tungsten electrode
- **Standard equipment ex works:** 2.4 mm-dia. electrode (purple), 2.4 mm-dia. collet, 2.4 mm-dia. collet body, 12.5 mm-dia. gas nozzle, long back cap

BWG UNI

295-001001-00000



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

GuidTub L=105 mm, Ø 4,4 x 5 mm

094-006051-00000



- Führungrohr für den Einsatz an einer Drahtführungsseele beim Schweißen oder Lötten weicher oder legierter Drahteletroden
- **Recommendation:**
- Use a steel liner with capillary tube to weld hard, unalloyed wire electrodes (steel)
- Use a plastic liner with guide tube to weld or braze soft or alloy wire electrodes

Accessories

FE 2DR4R 0.8+1.0

092-000840-00000



- Spare rolls for steel wire (standard steel model)
- Includes two drive rolls

AL 4ZR4R 0.8+1.0

092-000869-00000



- Replacement rolls for aluminium wire
- Includes four drive rolls

ROE 2DR4R 0.8/0.9+0.8/0.9

092-000834-00000



- Spare rollers flux cored wire
- Includes two drive rolls

ROE 2GR4R

092-000838-00000



- Replacement pressure rollers for flux cored wire

Accessories

URUE AL 4ZR4R 0.8+1.0

092-000867-00000



- Sets for conversion from steel standard to optional alu
- Includes 4 drive rolls and 2 gears

URUE ROE 2DR4R 0.8/0.9+0.8/0.9

092-000830-00000



- Sets for conversion from steel standard to optional flux cored wire
- Includes two drive rolls, two pressure rolls and two gears

SW 70S G3 15kg/Spule 1.2mm

097-003450-30012



- Unlegierte Massivdrahtelektrode
- Verkupfert, lagengespult
- Spritzerarm durch hohe chemische Reinheit
- EWM forceArc und coldArc geeignet
- Für Industrie-, Handwerk- und Reparaturbetriebe

FCW 71T SELFSHIELD 15kg 1.2mm

097-003455-30012



- Unalloyed self-shielding flux cored wire electrode
- Bright, layer wound
- Can be welded in any position, including vertically down
- Very easy handling and controllability
- High current carrying capacity and low spatter
- Reduced barium proportion, observe safety instructions