



- Multiprocess inverter welding machine (MIG-MAG/FLUX gas shielded/BRAZING/MMA/TIG DC-Lift) with external 4-roller wire feeder, 400A. 3ph 230/400V power supply.
- OneTouch synergic adjustment: easy to use. 40 pre-set synergic curves for various gases and materials. Possibility of creating, saving and retrieving customised welding programs.
- ATC (Advanced Thermal Control) to facilitate welding on thin materials.
- Ample, immediate and easy reading LCD display.
- High performance with reduced consumption.

TECHNICAL DATA

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|--------------------------|--------------------|-------------------------------|--------------------|-------------------------------|----------------------------|
| CODE | 816190 | MAX CURRENT DC EN60974-1 230V | 320 @ 25% A | ALUM. WELDING WIRE DIAM. | 0,8 - 1,6 mm |
| THREEPHASE MAINS VOLTAGE | 230 / 400 V | CURRENT CONTROL RANGE 230V DC | 20 - 320 A | FLUX CORED WELDI.WIRE DIA. | 1 - 2 mm |
| MAINS TOLERANCE | -15/+15 % | CURRENT 60% DC 230V | 200 A | BRAZING WIRE DIAM. | 0,8 - 1,2 mm |
| MAINS FREQUENCY | 50 / 60 Hz | CURRENT 100% DC 230V | 160 A | WIRE COIL SIZE Min-Max | 200 - 300 mm |
| MAX CURRENT DC EN60974-1 | 400 @ 30% A | MAX ABSORBED CURRENT 230V | 33 A | FEED ROLLS | 4 |
| CURRENT CONTROL RANGE DC | 20 - 400 A | MAX DC NO LOAD VOLT. 230V | 106 V | FEED ROLLS TYPE | P |
| CURRENT 60% DC | 270 A | RANGE VOUT MIG 230V | 9 - 30 V | FEED ROLLS Ø | 30 mm |
| CURRENT 100% DC | 210 A | MAX ABSORBED POWER 230V | 12,6 kW | WIRE SPEED RANGE | 1,5 - 20 m/min |
| MAX ABSORBED CURRENT | 25 A | FUSE 230V | 25 A | SUPPLY CABLE LENGTH | 2,50 m |
| MAX DC NO LOAD VOLTAGE | 73 V | ABSORBED POWER idle | 41 W | ELECTROMAGN. COMPATIBLE CLASS | A |
| RANGE V OUT MIG | 9 - 34 V | EFFICIENCY | 89 % | NORM | EN 60974-1 /-5 /-10 |
| ABSORBED CURRENT AT 60% | 15 A | ELECTRODES Ø | 1,6 - 8 mm | INSULATION CLASS | H |
| ABSORBED POWER AT 60% | 9,5 kW | T04313 | TE 450 | PROTECTION DEGREE | IP23 |
| MAX ABSORBED POWER | 16,5 kW | STEEL WELDING WIRE DIAMET. | 0,6 - 2 mm | DIMENSIONS (LxWxH) | 103 x 51 x 145 cm |
| FUSE | 16 A | INOX WELDI.WIRE DIAMETER | 0,8 - 2 mm | WEIGHT | 73 kg |

COMPOUND PRODUCTS

WIRE FEEDERS AND ACCESSORIES

806290 TE 450 AIR WIRE FEEDER + CABLE 70 MMQ 1,65 M

OPTIONAL ACCESSORIES

ELECTRODE HOLDERS WITH CABLE

804124 ELECTRODE HOLDER + CABLE 35MMQ 4M AX50

REMOTE CONTROLS

802336 RC-20 10 M CONTROL 2POT

OTHER ACCESSORIES

803067 TWO GASBOTTLE HOLDER KIT

GAS REGULATORS

722346 GAS REGULATOR 2 MANOMETERS 32 L\min

804208 QUICK GAS CONNECTOR

MIG/MAG WELDING KITS

802273 ALUMINIUM WELDING KIT D. 1-1,6 MM

802466 FLUX CORED WIRE WELDING KIT D. 1-1,6 MM

MIG TORCHES

742187 MT36 MIG TORCH 4M

742188 MT36 MIG TORCH 5M

WIRE FEEDERS AND ACCESSORIES

804224 WIRE FEEDER WHEELS KIT

802486 COIL ADAPTOR B-300

MIG CONNECTION CABLES

802348 CONNECTING CABLE 70MMQ 4M 14 POLES

802349 CONNECTING CABLE 70MMQ 10M 14 POLES

OTHER MIG ACCESSORIES

982219 PUSH PULL BOARD KIT

804403 MULTIPURPOSE BRACKET KIT FOR GENERATOR

TIG TORCHES

742058 ST26V 4M AX50 TIG TORCH

DESCRIPTION

MIG-MAG/FLUX gas shielded/BRAZING/MMA and TIG DC-Lift multiprocess inverter welding machine, with 4-roller wire feeder.

Flexible use with various welded materials (steel, stainless steel, aluminium) or brazed materials (galvanised sheet metal).

Wide variety of application fields, from industry to maintenance, installation to bodywork activities. Synergic

adjustment makes the product simple to use. The Made in Telwin ATC technology makes it easy to achieve excellent standards of welding on thin materials thanks to state-of-the-art control of the arc.

Features:

- Manual or synergic operating;
- 40 pre-set synergic curves;
- Possibility of creating, saving and retrieving customised welding programs;
- MIG-MAG adjustments: wire up slope, electronic reactance, wire burn-back time, post gas;
- 2/4 time operation selection, Bi-Level, spot, inch and mm material thicknesses;
- Adjustments in MMA: hot start, arc force, anti-stick;
- VRD selection;
- Protections: thermostatic, overvoltage, undervoltage, overcurrent, engine driven generator (+/-15%);
- TIG Lift.

Complete with MIG-MAG torch, cable and earth clamp.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE



CERTIFICATE