



- Multiprocess inverter welding machine (MIG-MAG/FLUX/BRAZING/MMA/TIG DC-Lift), 220A. Complete with 2 MT15 torches, 1 MT25 torch, cable and earth clamp.
- Immediate use of three torches: one for steel, one for brazing (CuSi3) and SPOOL GUN for aluminium.
- Automatic recognition of torch use.
- Low energy absorption.
- ATC (Advanced Thermal Control) to facilitate welding on thin materials.

## TECHNICAL DATA

|                           |                    |                               |                   |                            |                           |
|---------------------------|--------------------|-------------------------------|-------------------|----------------------------|---------------------------|
| CODE                      | <b>816233</b>      | ABSORBED POWER AT 60%         | <b>2,2 kW</b>     | FLUX CORED WELDI.WIRE DIA. | <b>0,8 - 1,2 mm</b>       |
| SINGLEPHASE MAINS VOLTAGE | <b>230 V</b>       | EFFICIENCY                    | <b>84 %</b>       | BRAZING WIRE DIAM.         | <b>0,8 - 1 mm</b>         |
| MAINS FREQUENCY           | <b>50 / 60 Hz</b>  | POWER FACTOR(cosphi) (cosphi) | <b>0,7</b>        | PROTECTION DEGREE          | <b>IP23</b>               |
| MAX CURRENT DC EN60974-1  | <b>180 @ 20% A</b> | D.USABLE ELECTRODES IN DC     | <b>1,6 - 4 mm</b> | DIMENSIONS (LxWxH)         | <b>87 x 53 x 166,5 cm</b> |
| MAX ABSORBED CURRENT      | <b>32 A</b>        | STEEL WELDING WIRE DIAMET.    | <b>0,6 - 1 mm</b> | WEIGHT                     | <b>51,5 kg</b>            |
| ABSORBED CURRENT AT 60%   | <b>15 A</b>        | INOX WELDI.WIRE DIAMETER      | <b>0,8 - 1 mm</b> |                            |                           |
| MAX ABSORBED POWER        | <b>5 kW</b>        | ALUM. WELDING WIRE DIAM.      | <b>0,8 - 1 mm</b> |                            |                           |

## SUPPLIED ACCESSORIES

|        |                                    |
|--------|------------------------------------|
| 742944 | MT15 MIG TORCH 3M (BLUE)           |
| 712030 | TOLEDO 250 WORK CLAMP 250A         |
| 124466 | CABLE 25 MMQ 3 M PLUG ATLAS 25     |
| 742576 | FEED ROLL 4R 0,6FE-0,8/0,9FE "P-K" |
| 742575 | FEED ROLL 2R 0,6FE-0,8FE "F"       |
| 742180 | MT15 MIG TORCH 3M (RED)            |

## ON REQUEST ACCESSORIES

|                                     |  |
|-------------------------------------|--|
| <b>ELECTRODE HOLDERS WITH CABLE</b> |  |
| 804121                              | ELECTRODE HOLDER + CABLE 16MMQ 3M AX25 |
| <b>OTHER ACCESSORIES</b>            |  |
| 803067                              | TWO GASBOTTLE HOLDER KIT               |
| <b>GAS REGULATORS</b>               |  |
| 722119                              | GAS REGULATOR 2 MANOMETERS 12 L\min    |
| <b>MIG/MAG WELDING KITS</b>         |  |
| 802836                              | ALUMINIUM WELDING KIT D. 0,8-1 MM      |
| <b>MIG TORCHES</b>                  |  |
| 742181                              | MT15 MIG TORCH 4M                      |
| 742182                              | MT15 MIG TORCH 5M                      |
| <b>SPOOL GUN</b>                    |  |
| 802407                              | M6 SPOOL GUN                           |
| <b>TIG TORCHES</b>                  |  |
| 722563                              | ST9V TIG TORCH AX25 4M                 |

## DESCRIPTION

Microprocessor controlled MIG-MAG/FLUX/BRAZING/MMA/TIG DC-Lift inverter multiprocess welding machine. It is particularly suitable for use in body shops and allows the immediate use of three different torch types: two traditional mig torches and one spool gun. This feature enables the user to work directly on different materials without any need to change the torch or the wire spool and this confirms Technomig 223 Treo to be the unique solution for any repair or maintenance needs. The traditional mig torches are suitable for welding steel, HSS high strength steels, stainless steel and mig-brazing of galvanized sheets, while the spool gun torch is specific for aluminium welding even when working far away from the generator.

The quick SYNERGIC regulation of the welding parameters, thanks to the ONE TOUCH LCD SYNERGY technology, makes this product easy to use.

The made-in-Telwin ATC technology achieves with ease excellent welds on thin thicknesses thanks to an advanced control of the arc.

The operator can also intervene manually along the arc length: this adjustment means the weld seam can be modified according to the welder's style.

The ONE TOUCH LCD graphic display allows for a better reading of all welding parameters.

Features:

- 17 synergy curves available;
- Visualization on LCD display of welding parameters;
- Regulation of: wire speed upslope, electronic reactance, burn-back time, post gas;
- Choice of 2/4 times, spot operation;
- Thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 5%) protections.

Complete with 2 MIG-MAG torches, cable and clamp.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST