

# MAXIMA 200 SYNERGIC



- Multiprocess inverter welding machine (MIG-MAG/BRAZING/MMA/TIG DC-LIFT), 170A.
- SYNERGIC adjustment of the parameters: intuitive panel with 3 settings (process, shape of seam and thickness).
- Set up for use with Ø 100 and 200 mm reels.
- Thermostatic, overvoltage, undervoltage, overcurrent protection. Compatible for use with the motor generator (230V, +/-15%).
- MMA welding: rutile electrodes up to 3.2mm.
- Contained consumption thanks to inverter technology.

## Description

Microprocessor controlled MIG-MAG/FLUX/BRAZING/MMA/TIG DC- LIFT inverter wire welding machine.

It allows great versatility in the use of various types of materials (steel, stainless steel, aluminium) and in all possible applications, from maintenance to installation works.

The SYNERGIC adjustment of the welding parameters makes the products easy to use and grants excellent results, always, also for the less experienced operator.

Light and compact, it can be easily carried in any intervention place, both inside and outside.

**Technical Data**

|                                  |                   |
|----------------------------------|-------------------|
| Single phase mains voltage       | 230V              |
| Mains frequency                  | 50/ 60 Hz         |
| Current range                    | 20 - 170 A        |
| Max. current                     | 140@20% A         |
| Dc current                       | 80 A              |
| Max. no load voltage             | 44 V              |
| Max. absorbed current            | 22 A              |
| Absorbed current at 60%          | 11 A              |
| Max. absorbed power              | 3.2 kW            |
| Absorbed power at 60%            | 1.6 kW            |
| Efficiency                       | 86 %              |
| Power factor                     | 0.7               |
| D.usable electrodes in DC        | 1.6 - 3.2 mm      |
| Steel welding wire diameter      | 0.6 - 0.8 mm      |
| Inox welding wire diameter       | 0.8 mm            |
| Aluminium welding wire diameter  | 0.8 - 1 mm        |
| Flux-cored welding wire diameter | 0.8 - 1.2 mm      |
| Brazing wire diameter            | 0.8 mm            |
| Protection degree                | IP 23             |
| Dimensions                       | 45 x 23.5 x 37 cm |
| Weight                           | 11 kg             |