

The **MULTIPEARL 200-2** is a single phase Multi-process welder. It is capable of MIG/MAG, Gas & No Gas, MMA and TIG welding. It has an advanced user interface with the option of fully synergic or manual mode.

## 3 in 1

This machine combines 3 welding processes from it's advanced Inverter technology.



### • MIG-MAG

- The MULTIPEARL 200-2 is suitable for 1Kg and 5Kg wire reel thanks to its 2 rollers motor.
- The MIG-MAG process can be used in manual or Synergic mode.

### • TIG

- The device is capable of TIG welding: TIG Lift DC.
- Post Gas and Downslope are adjustable directly on the torch thanks to the EURO connector.

### • MMA

- Capable of welding any type of electrodes except Aluminium and Cellulosic up to Ø5mm, this machine is perfect for stick welding.
- Hot Start and Arc Force are adjustable from 0 to 100%.

Delivered with :

- 3m, 150A MIG torch fitted for steel welding
- 50mm earth clamp
- 2m electrode holder

## MIG-MAG SYNERGY

• Wire speed and voltage are automatically adjusted by the machine by selecting :

- Wire type and diameter ;
- Thickness of the metal to weld ;
- Gas used ;
- Welding position.

• It is possible to manually adjust the wire speed and arc length if desired.

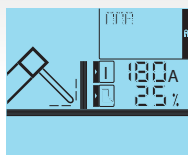
### Synergies offered :

| Type of metal    | Fe                      | Fe                   | AlG 5     | Stainless steel            | Cored wire   | CuSi 3  | CuSi 8    | CuAl    | AISI 5  | AISI 12 |
|------------------|-------------------------|----------------------|-----------|----------------------------|--------------|---------|-----------|---------|---------|---------|
| Process          | MAG                     | MAG                  | MIG       | MAG                        | MAG          | MIG     | MIG       | MIG     | MIG     | MIG     |
| Gas              | Ar+CO <sup>2</sup><br>i | CO <sup>2</sup><br>i | Ar<br>i   | Ar+CO <sup>2</sup> 2%<br>i | <del>X</del> | Ar<br>i | Ar<br>i   | Ar<br>i | Ar<br>i | Ar<br>i |
| Ø Available      | 0.6 - 0.8<br>- 1.0      | 0.6 - 0.8<br>- 1.0   | 0.8 - 1.0 | 0.8 - 1.0                  | 0.9 - 1.2    | 0.8     | 0.8 - 1.0 | 0.8     | 1.0     | 1.0     |
| Welding position | All                     | All                  | All       | All                        | All          | Flat    | Flat      | Flat    | All     | All     |

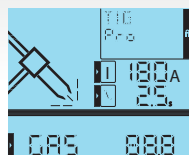
## FEATURES

• LCD screen designed to see and easily adjust welding settings.

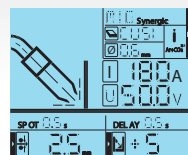
### MMA



### TIG Lift



### MIG-MAG



### PFC

• Power Factor Correction enables a saving of 30% of energy by using the electricity network more efficiently.



### FV

• Flexible Voltage enables the machine to run on a power supply from 85V to 265V.

• Combining these two technologies makes the device suitable for using an extension lead up to 100m.



• Tested in the factory against overvoltage up to 400V. Also the device is designed to be able to be used on a generator.

| 50/60hz | -AM- | MMA<br>I <sub>2</sub> | TIG<br>I <sub>2</sub> | min>max | Ømm |        | 100 | 200 | Electronic Control  | équipé d'origine / original equipment / originalausstattung / equipamiento de fabrica |                         | EN60974-1 (40°C) |          | cm/kg         | Protected & compatible POWER GENERATOR (+/- 15%) |
|---------|------|-----------------------|-----------------------|---------|-----|--------|-----|-----|---|---|-------------------------|------------------|----------|---------------|--|
|         |      |                       |                       |         | GAS | NO GAS |     |     |   | IA (60%)  | X% (I <sub>2</sub> max) |                  |          |               |  |
| 110V 1~ | 32A  | 10-130A               | 10-180A               | 20-150A | 0.6 | 0.9    | ✓   | ✓   |  | 0.6   | 0.8                     | 110A             | 150A 22% | 23x45x36 / 12 | 7.5 kW<br>9 kVA                                  |
| 230V 1~ | 16A  | 10-200A               | 10-200A               | 20-200A | 1.0 | 1.2    |     |     |  | 0.8   | 0.8                     | 120A             | 200A 20% |               |  |