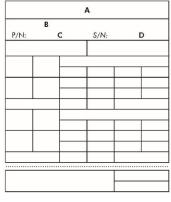
# **ECO DESIGN INFORMATION**

## TECHNICAL DATA



- A Manufacturer name and address
- B Product name
- **C** Product part number
- **D** Serial number:
  - X Production plant
  - YY Year of production

xxxxxx Progressive number specific for each machine

### **EFFICIENCY AND CONSUMPTION**

The equipment has been designed in order to comply with the Directive 2009/125/EC and the Regulation 2019/1784/EU.

Efficiency and idle power consumption:

| PART NUMBER                           | 99830019            |
|---------------------------------------|---------------------|
| PRODUCT NAME                          | PC 43               |
| EFFICIENCY WHEN MAX POWER CONSUMPTION | 72,90%              |
| IDLE POWER CONSUMPTION                | 33W                 |
| EQUIVALENT MODEL                      | No equivalent model |

The value of efficiency and consumption in idle state have been measured by method and conditions defined in the product standard EN 60974-1:20XX.

#### TYPICAL GAS USAGE FOR MIG/MAG EQUIPMENT

|                         | Wire           | DC electrode positive |             | Wire               |                        | Gas             |
|-------------------------|----------------|-----------------------|-------------|--------------------|------------------------|-----------------|
| Material type           | Diameter<br>mm | Current<br>(A)        | Voltage (V) | Feeding<br>[m/min] | Shielding Gas          | flow<br>[l/min] |
| Carban, law allow at al |                |                       | 45 . 20     |                    | A maria in 80% COa 20% |                 |
| Carbon, low alloy steel | 0,8 ÷ 1,2      | 40 ÷ 280              | 15 ÷ 30     | 1,0 ÷ 25           | Argon 80% CO2 20%      | 10 ÷ 18         |
| Aluminium               | 0,8 ÷ 1,6      | 15 ÷ 300              | 14 ÷ 29     | 2,0 ÷ 25           | Argon                  | 14 ÷ 22         |
| Stainless steel         | 0,8 ÷ 1,2      | 30 ÷ 260              | 15 ÷ 28     | 1,8 ÷ 12           | Argon 98% CO22%        | 8 ÷ 16          |
| Copper alloy (Bronze)   | 0,8 ÷ 1,2      | 40 ÷ 250              | 14 ÷ 30     | 2,5 ÷ 11           | Argon                  | 12 ÷ 16         |

#### **TIG PROCESS**

In TIG welding process, gas usage depends on cross-sectional area of the nozzle. For comonnly used torches:

Helium = 14-24 l/min

Argon = 7-16 l/min

**Notice**: Excessive flow rates causes turbulence in the gas stream which may aspirate atmospheric contamination into the welding pool.

**Notice**: A cross wind or draft moving can disrupt the shielding gas coverage, in the interest of saving of protective gas use screen to block air flow.

#### END OF LIFE



At end of life of product, it has to be disposal for recycling in accordance with Directive 2012/19/EU (WEEE).