

# AEROPROCESS DVW 500

Ref. 10128



- Professional MIG Synergic Multiprocess welding machine.
- 500 amps at 30%.
- Integrated Welding Intelligence (Wi) module.
- Incredible results in all materials (Steel, Aluminum, Stainless, etc.).
- The KIT includes ground clamp, PULSE cooled torch, cart, wire feeder with 5m connection and refrigerator.

#### Main features:

- Multifunction wire machine capable of welding using MIG-MAG, TIG Lift-Arc and MMA processes.
- Built-in Wi module, with Wifi, Connect and Waas technologies
- Synergistic control of the welding process with preselection of the work to be done.
- Arc height control to achieve spatter-free welding
- Adjustable Crater-Filling, for a perfect weld bead finish.
- Ideal for welding with GAP (separation between pieces)
- Possibility of adjustment by wire speed (m/min.) and by current (Amp)
- Real-time reading of voltage (Volt) and Intensity (Amp) during welding.
- When finished, the device displays the average of both parameters.
- Control of the consumption of the thread used, allowing the cost of each process to be calculated.
- Possibility of storing up to 10 programs
- Excellent results with pre-loaded programs in welding: Carbon Steel (SG3), Stainless Steel (Ss-309, Ss-316), Aluminum (AL-5356, AL-4043), Copper-Silicon (CuSi3) and Tubulars (Fc-Rutile, Fc-Basic, Fc-316)

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## TECHNICAL DATA

### Generals

Duty Cycle at 40°C	30%
Regulation	10-500A
Intensity MAX.	500A
Intensity at 60%(100%) a 40°C	385A (350A)

### Technical

Usable electrodes TIG	1,6 - 4.0mm
Usable electrodes MMA	1,6 - 5,0mm
Usable wire coil	D300 - 15kg
Wire feeder rolls	4R
Motor max power	95W
Usable welding wire	0,6 - 1,6 mm

### Structural

Ventilation	DOUBLE AUTOMATIC TUNNEL
Weight	85kg
Regulation board	AEROPROCESS SYNERGIC WI
Standards	EN-90971-1, EN90974-10
Protection index	IP23S
Dimensions	655x275x1290 mm

### Electrical

I <sub>max</sub>	33A
OCV	62V
Voltage range	(360 - 440V)
Absorbed power max.	22Kva
I <sub>eff</sub>	18A
Fuse	20A
Supply Voltage	400V - 3ph

## OPTIONAL ACCESSORIES

Ref. 06029

**TORCH 4M TIG SR-26 D35/50**



Ref. 06126

**CONJ. 3m Cu25mm 35-50 ELE 200A**



Ref. 55603

**ROLL 1,0-1,2 30\*14mm ALU**



Ref. 55604

**ROLL 0,8-1,0 30\*14mm TUB**



Ref. 55605

**ROLL 1,2-1,6 30\*14mm TUB**



Ref. 56075

**TORCH MIG 4M SX-501 WATER**



Ref. 56078

**TORCH MIG 3M SX-501 AGUA ALU**



Ref. 56246

**GAS REGULATOR R25 AR/CO2**



Ref. 73366

**CONNECTION AEROFEEED W**  
**5M x Cu70mm**



Ref. 73367

**CONNECTION AEROFEEED W**  
**10M x Cu70mm**

