

## ID 500 MW-15 ECO



### Properties

- Operates with 3 Phase 400V-50/60 Hz mains voltage and generators, tolerates voltage fluctuations up to 15%.
- Due to inverter technology, energy efficiency is higher than the conventional machines.
- Excellent welding characteristics with all types of solid and flux cored wires with CO<sub>2</sub> or Mix gases.
- 4 Wheel Drive system, offers very powerful feedability for longer torches and offers less deformation on soft wires such as aluminum and flux cored wires.
- Welding voltage, wire feed speed (welding current) is adjusted from the panel in front of the wire feeder.
- Optimum welding parameters can be obtained from the printed table inside of the wire feed cabinet.
- Manual wire feeding & gas valve buttons, Trigger Mode (2/4), Spot mode are available on the wire feeder.
- Soft Start, Pre-gas, Post-gas, Crater Filling, Burn-Back, **Flow Sensor** settings are adjusted from the digital panel of the wire feeding system.
- ø300 mm, ø270 mm and ø200 mm spools and drums of any size can be used.
- 24V AC outlet for CO<sub>2</sub> gas heater.
- Built in gas cylinder platform with large wheels to ease mobility in workshops.
- The Separate wire feeder standard harness length is 5 m and can be extended up to 30 m upon request (M-MW models).
- Protected against voltage fluctuations.
- Designed also for outdoor use, protection class is IP 23.
- Water cooling unit for water cooled torches provides powerful cooling even at very hot climates. (Water-cooled (W) models)
- Standard accessories come with the machine.

Technical Specifications		
<b>Power Source</b>		
Mains Voltage (3Ph)	400	V
Input Power	31.8 (%40)	kVA
Power Source Efficiency	85,23	%
IDLE State Power Consumption	23	W
Welding Current Range	50 - 500	ADC
Nominal Welding Current	500 (%40)	A
Open Circuit Voltage	69	VDC
Dimensions (l x w x h)	1170x528x1430	mm
Weight (Net)	122	kg
Protection Class	IP23	
<b>Wire Feeder System</b>		
Welding Wire Diameter	0.80 - 2.4	mm
Wire Feeding Speed	1 - 24	m/min
Torch Trigger Control	2 / 4	
Dimensions (l x w x h)	584 x 235 x 553	mm
Weight (Net)	24	kg
<b>Water Cooling Unit</b>		
Cooling Power	1.02	kW
Dimensions (l x w x h)	732 x 293 x 302	mm
Weight (Net)	24	kg