



## MEGMEET ARTSEN ? PM500AD MIG Welding Machine 3PH/415V

### Description

- Digital Microprocessors Controlled Inverter Technology
- Synergic control of MIG/MAG/CO2 process, Pulse / Double Pulse MIG / MAG
- Stable welding with stick-out length up to 30mm
- Standard locking function for both front panel locking & parameters range locking
- Standard job saving features (up to 50 job)
- Supporting SMARC for networking
- Supporting Up/Down torch
- Supporting Push/Pull torch
- MIG Brazing function as optional
- Convenient for building multi-operator system
- Proven record in heavy industries since 2014
- High tolerance against input voltage fluctuation (25%+/-)
- Superior reliability with self-protecting design and error code display for easy maintenance

### Specification

<b>Model</b>	<b>ARTSEN ? PM500AD</b>
<b>Control Mode</b>	Full Digital Control
<b>Rated Input Voltage</b>	AC 3PH 380v - 25% ~ 400v + 20% (3PH 285V - 80Hz 475V)
<b>Rated Input Power</b>	24 KVA / 22.3KW

<b>Model</b>	<b>ARTSEN ? PM500AD</b>
<b>Power Factor</b>	0.93
<b>Efficiency</b>	87%
<b>Rated OCV</b>	73.3V
<b>Max Output Current</b>	500A
<b>Rated Output Current</b>	39V
<b>Rated Output Voltage</b>	12V ~ 45V
<b>Duty Cycle (40°C / 10 min)</b>	500A / 39V 60% @40°C 387A / 33.5V 100% @40°C
<b>Wire Diameter</b>	?0.8 / 0.9 / 1.0 / 1.2 / 1.6 mm
<b>Welding Operation Mode</b>	2T / 4T / Special 4T / Spot Welding / Intermittent Welding
<b>Electromagnetic Compatibility</b>	EN60974-10:2014
<b>Insulation Grade</b>	H
<b>Ingress Protection</b>	IP23S
<b>Protection Against Lightening</b>	Class D (6000V / 3000A)
<b>Working Temperature</b>	-39°C ~ +40°C
<b>Welding Process</b>	Synergic MAG / CO2, Single & Double Pulse MAG for Steel, Single & Double Pulse MAG for SUS, Single Pulse MIG for Aluminium, Double Pulse MIG for Aluminium
<b>Material</b>	Carbon Steel, Stainless Steel, Aluminium
<b>Gross Weight (kg)</b>	57.5
<b>Dimension (mm)</b>	620 x 300 x 480
<b>Industrial Application</b>	Automotive & Railway, Construction & Mining Machinery, Ship-building & Marine Engineering, Heavy Steel Construction, Shipping Container