



## MEGMEET DEX PM 3000SF MIG Welding Machine 3PH/415V

### Description

- Low spatter arc for carbon steel at synergic MAG mode
- Better performance for SUS at synergic mode
- Short-arc pulse MIG/MAG (QPT) with superb performance for SUS
- Highly easy to use with wide expert database and synergic control
- Power-saving with up to 90% efficiency
- Waveform control at a new level with 180K HZ output frequency
- Better tolerance for minor changes of welding voltage
- Standard Job saving features (up to 50 Job)
- Up to 15m inter-connection cable for more flexibility
- Highly adaptive for automation with precise control of wire-feeding
- Longer service life and lower defective rate thanks to better mechanical design

### Specification

Model	DEX PM3000SF
Control Mode	Full Digital Control
Rated Input Voltage	AC 3PH 380v – 15% ~ 400v + 15%
Input Frequency	(3PH 323V ~ 3PH 460V) 45 ~ 65Hz
Rated Input Power	9.2KVA / 8.7KW
Power Factor	0.94
Efficiency	91%

Model	DEX PM3000SF
Rated OCV	54.2V
Rated Output Current	30A ~ 300A
Rated Output Voltage	12V ~ 30V
Parameter Channel	50
Duty Cycle (40°C / 10 min)	100% @ 217A / 24.9V 60% @ 280A / 28V
Wire Feeding Speed	1.4 ~ 28m/min
Insulation Grade	H
Ingress Protection	IP23S
Protection Against Lightening	Class D (6000V / 3000A)
Certification	GB/T15579.1-2013
Working Temperature	-10°C ~ +40°C
Welding Process	Synergic MAG / CO2, LSA, MMA, Pulse MIG / MAG
Material	Steel, Stainless Steel, Aluminium Alloy
Gross Weight (kg)	23.7
Dimension (mm)	610 x 260 x 398
Industrial Application	Automotive & Railway, Construction & Mining Machinery, Ship-building & Marine Engineering, Heavy Steel Construction, Shipping Container

## Multiple Welding Processes

- **High-speed spot welding** – Higher arc-striking success rate. Easier to control. Completing a round and full-sized welding spot in 0.3 seconds.
- **Stainless steel** – Special control program for stainless steel welding. Reduce the sensitivity to pulses welding arc. No complicated parameter matching is required. Applicable with multiple types of shield gas to weld SUS only by adjusting the welding voltage.

- **Aluminium alloy** – Various expert and special programs for aluminium welding. Brand new pulse welding control scheme. The contrast of peak and base current can reach 90% and therefore enables welders to achieve clear fish-scale welding of aluminium