



## PRO MIG 350/500



MIG / STICK Welding Power Source

### Industrial Applications:

Automotive Equipment  
Ship Building  
Heavy Equipment Manufacturing  
Tank / Pressure Vessel  
Structural Steel Fabrication

### Processes:

MIG (GMAW)  
Flux Cored (FCAW)  
Stick (SMAW)

Input Power: 3 Phase

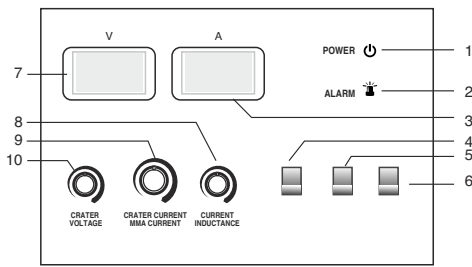
	<b>350</b>	<b>500</b>
Amperage Range:	40-350	50-500
Rated Output@ 60%:	350 A	500 A
Weight:	40 kg	50 kg



### Features Description

- IGBT Inverter DC GMAW / Stick Welder
- Input Voltage Compensation of  $\pm 15\%$
- Closed loop feedback control with stable output voltage
- Stepless Current Setting
- Digital Display for Voltage & Amperage
- Ensure stable welding while using output cable upto 50 m
- Crater Fill at the end of welding
- Power & Thermal Protection Indicator on Panel
- PC Boards are coated for protection against contaminants
- Applicable for Solid / Flux Cored / Stainless Steel / Aluminium Wires
- Compatible with ABB / KUKA / FANUC Robots

## Control Panel



1. Power ON Indicator
2. High Temperature Trip Indicator
3. Digital Amps Meter
4. Process Selector Switch
5. Crater Selector Switch
6. Gas Check/Wire Inch Selector Switch
7. Digital Volts Meter
8. Inductance Adjustment Control
9. Crater/MMA Current Adjustment Control
10. Crater Voltage Adjustment Control

## Robo Package



## Main Specification

ITEM		MIG 350	MIG 500
<b>Input Supply</b>			
Voltage	VOLTS	415, +9% / -19%	
Phase	NO.	3	
Frequency	Hz	50 / 60	
Power @ 100% Duty Cycle	Kva	15.4	25.1
Power Factor	COSφ	0.92	
Efficiency	%η	85	
<b>Output Power</b>			
Characteristics	TYPE	CC / CV	
Welding Voltage Range	VOLTS	16-32	16-40
Welding Current Range	AMPS	40-350	50-500
Welding Current (at 40°C & 10 Min) At 60% Duty Cycle	AMPS	350	500
At 100% Duty Cycle	AMPS	275	390
<b>General</b>			
Protection	CLASS	IP21S	
Cooling	TYPE	FAN, AIR FORCED	
Insulation	CLASS	H	
Dimension (L X W X H)	mm	940 x 455 x 655	
Weight	Kg	40	50
<b>Wirefeeder</b>			
Wire Feed Speed	m/min	1 - 24	
Wire Drive System	TYPE	24 V PMDC MOTOR, 4 ROLL QUICK RELEASE	
Wire Diameter Range	mm	0.8 / 1.0 / 1.2	0.8 / 1.0 / 1.2 / 1.6
Dimension (L X W X H)	mm	645 x 250 x 410	
Weight	Kg	9	
<b>PACKAGE INFORMATION</b>			
Standard Power Source			
4 Roll Drive Wire Feeder with 4.5 Mtr Interconnecting Cable			
Earth Cable with Earth Clamp			

### Warranty: One Year

In view of continuous development, Praxair India Private Limited reserves the right to modify / change the design and / or specification without any prior notice.



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