

TitanMig 350 Syn, 500 Syn

Powerful Heavy-Duty MIG Machine



Valued Features

Synergic MIG program

Step by step, easy Setup, suitable for the heaviest industrial conditions.

Fully digital synergic inverter

Managed by the high speed micro processor, it provides you with perfect arc control, improved droplet detachment and controlled ignition properties.

Excellent Welding Performance

Stable dip-transfer arc process, Low-spatter, Fast welding process.

High Welding Speed and Efficiency

With Headux patented control software, it helps the users save time on setup of machine and increase the productivity

User Friendly

Simple interface, Easy to access as well as quick and easy parameter configuration, system operation
Intelligent power sources with synergic and pulsed MIG/MAG and stick (MMA) welding process.

Specifications

Model	TitanMig 350 Syn		TitanMig 500 Syn	
Input Voltage	3 Phases~AC 400V (±15%)/ 50-60HZ			
Main Fuse(A)	40		40	
Process	MIG	MMA	MIG	MMA
Rated KVA	13.9	15.1	24.7	25.3
Rated Output KVA	11	11.9	19.5	20
No-load Voltage (V)	75	75	75	75
Current Adjustment Range (A)	50~350	20~350	50~500	20~500
Voltage Adjustment Range (V)	16.5-31.5	20.8~34	16.5~39	20.8~40
Wire feed speed range(m/min)	2~24		2-24	
Electrode diameter applicable(mm)	-9 hard to +9 soft (default 0)		-9 hard to +9 soft (default 0)	
Duty cycle I _{max} (40°C)	60%		60%	
Duty cycle 100%(40°C)	271A		385A	
Duty cycle 60%(40°C)	350A		500A	
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2		0.6/0.8/0.9/1.0/1.2/1.6	
Efficiency(%)	85		85	
Power Factor	0.93		0.93	
Protection Class	IP23S		IP23S	
Insulation Class	F		F	
Dimensions (L*W*H)	975*425*980		975*425*980	
Weight (Kg)	69.5		70.00	

Ordering Information

Standard fittings (TitanMig 350 Syn)	Headux Code
Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 50mm ² Earth lead(500A Earth clamp)	A80403-006
5m interconnection cable(Air cooled)	A80406-101
Standard fittings (TitanMig 500 Syn)	Headux Code
Wire feeder unit	A91001-939
3m MX36 MIG Torch(included Spanner for MIG torches)	A13303-090
3m 70mm ² Earth lead(500A Earth clamp)	A80403-005
5m interconnection cable(Air cooled)	A80406-103

Options & Accessories

Options & Accessories	Headux Code
Water cooler unit	A91001-315
4M Parker ARC M5W water cooled torch	A13303-084
3m MIG 501D water cooled torch	A13303-094
5m interconnection cable(Water cooled)	A80406-090
4M TIG26 Torch with gas valve	A13301-019
3m 50mm ² welding lead (200A Electrode Holder)- (TitanMig 350Syn)	A80404-012
3m 70mm ² welding lead (500A Electrode Holder)- (TitanMig 500Syn)	A80404-025