

High-Power IGBT module and digital control MIG/MAG Welding Machine



HG400S

Product Characteristics



- Synergic design: voltage matches welding current automatically
- Automatic compensation for line loss
- Input with filtering, resistant to grid fluctuations
- Output with reactance, stable welding current
- Equipped with hot start function and end ball removal technology to ensure easy operation and good welding bead
- Error code display

Accessories

- 3m MIG torch
- 2m wire feeder cable set (welding cable + control cable + hose + 2 European quick connectors)
- 500A earth clamp with 2m cable
- V type roller (0.8mm-1.0mm)
- V type roller (1.2mm-1.6mm)

Technical Specifications

Item	Unit	Values
Input Voltage, Frequency	V	3P 380±15%, 50/60Hz
Input Capacity	KVA	14
Input Current	A	18
Rated Duty Cycle (40°C)	%	400A/36V
		60%
No-load Voltage	V	76
Output Current Range	A	40 ~ 400
Output Voltage Range	V	12 ~ 40
Wire Diameter	mm	0.8 ~ 1.2
Efficiency	%	≥85
Power Factor		0.93
Protection Class		IP21S
Insulation Class		H
Machine Size (L×W×H)	mm	650*335*500
Weight (P/S)	kg	25

Features

- Double IGBT module
- Super low spatter
- **WFS (Wire Feed Speed): 24m/min**
- **Welding cable can be extend up to 100m**

High-Power IGBT module and digital control MIG/MAG Welding Machine



HG500S

Product Characteristics



- Synergic design: voltage matches welding current automatically
- Automatic compensation for line loss
- Input with filtering, resistant to grid fluctuations
- Output with reactance, stable welding current
- Equipped with hot start function and end ball removal technology to ensure easy operation and good welding bead
- Error code display

Accessories

- 3m MIG torch
- 2m wire feeder cable set (welding cable + control cable + hose + 2 European quick connectors)
- 500A earth clamp with 2m cable
- V type roller (0.8mm-1.0mm)
- V type roller (1.2mm-1.6mm)

Technical Specifications

Item	Unit	Values
Input Voltage, Frequency	V	3P 380±15%, 50/60Hz
Input Capacity	KVA	24
Input Current	A	18
Rated Duty Cycle (40°C)	%	500A/36V
		60%
No-load Voltage	V	78
Output Current Range	A	40 ~ 500
Output Voltage Range	V	12 ~ 50
Wire Diameter	mm	1.0 ~ 1.6
Efficiency	%	≥85
Power Factor		0.93
Protection Class		IP21S
Insulation Class		H
Machine Size (L×W×H)	mm	750*365*595
Weight (P/S)	kg	35

Features

- Double IGBT module
- Super low spatter
- **WFS (Wire Feed Speed): 24m/min**
- **Welding cable can be extend up to 100m**