

MIG-250/ 350



Features and benefits

- Industrial standard quality, durable structure
- Unique IGBT soft switch technology guarantees higher efficiency and longer lifespan
- 2/4T work cycle, suitable for short/long weld seam
- Automatic creep start and burnback, greatly improve arc start performance
- Crater filling current and voltage controlled
- Arc control, choose the balance between deep penetration and less spatter
- High duty cycle at 40C and 10 minutes condition, up to 60%

Standard equipments

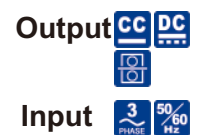
- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=3m
- 1 Gas-cooled torch L=3m
- 1 Wire feeder with Europe connection

Process

Process:CO₂MAG (GMAW)

Personal User Applications

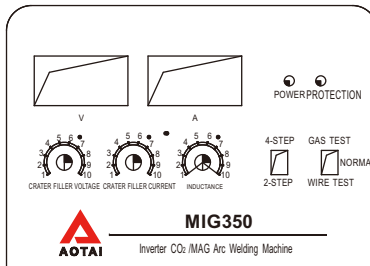
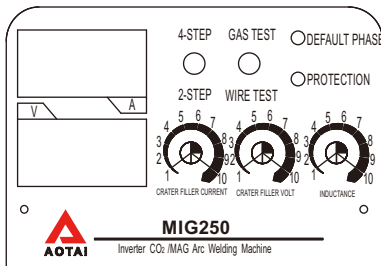
Industry plant construction
 Containers manufacture
 Machinery industry
 Shipbuilding and offshore engineering
 Metal shop



Spare parts-MIG250/ 350

Pictures								
Item	Three phase rectifier module	IGBT Module	Fast recovery module	Main control board	Drive board	Main transformer	Power transformer I	Power transformer II
MIG250	735005-00009	735007-00046	735006-00029	210580-00419	210310-00020	220629-00061	763001-00067	763001-00062
MIG350	735005-00002	735007-00047	735006-00029	210580-00420	210310-00020	220629-00023	763001-00067	763001-00062

Pictures							
Item	Fan	Output reactor	Current exchange inductance	Thermostat	Varistor	Filter capacitor	Shunt
MIG250	746001-00004	763004-00077	220281-00030	745008-00006	720021-00017	722001-00070	766001-00079
MIG350	746001-00011	763004-00158	220281-00008	745008-00006	720021-00017	722001-00070	720041-00008



Specification

Model	UNIT	MIG250	MIG350
Supply voltage	Volt	415	415
Phase	No	3	3
Input KVA @ 100% Duty cycle	KVA	5.7KVA	9.3KVA
Welding current range	Amp	40-250	60-350
Open circuit voltage	Volt	60	79
Welding current @ 60% Duty cycle	Amps	250	350
Welding current @ 100% Duty cycle	Amps	193	270
Type of cooling	Type	Forced air	Forced air
Dimensions(LxWxH)	mm	495x232x495	576x297x574
Class of insulation	Class	H	H
Weight(approx)	Kg	20	40
Wire feeder	Type	Gas cooled 2/4 roller	Gas cooled/water cooled 2/4 roller
Wire feed motor	Type	Printed motor	Printed motor
Wire feed speed	m/min	1.5~20m/min	1.5~20m/min

Aotai Electric Co.,LTD



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