

INVERTER CO₂ GAS SHIELD WELDING MACHINE



NW-MIG 200S

Specification

ITEM	MODEL	NW-MIG 200S	NW-MIG 250S	NW-MIG 160Y	NW-MIG 200Y	NW-MIG 250Y
Input power voltage / Frequency (V/Hz)		SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)		6.1	8.4	4.5	6.1	8.4
Output current range (A)		50 - 200	50 - 250	50 - 160	50 - 200	50 - 250
Rate output voltage range (V)		16.5 - 24	16.5 - 24	16.5 - 22	16.5 - 24	16.5 - 26.5
Duty cycle (%) (25°C)		60	60	60	60	60
Power factor (COS φ)		0.93	0.93	0.93	0.93	0.93
Efficiency (%)		85	85	85	85	85
Insulation class		F	F	F	F	F
Protection class		IP23	IP23	IP23	IP23	IP23
Weight (KG)		34	34	32	34	35
Overall dimension (mm)		650 x 295 x 635	650 x 295 x 635	650 x 295 x 635	650 x 295 x 635	650 x 295 x 635
Feeding speed (m/min)		2.5 - 13	2.5 - 13	2.5 - 13	2.5 - 13	2.5 - 13
Wire feeder form		Inside	Inside	Inside	Inside	Inside
Post flow time (S)		1 ± 0.5	1 ± 0.5	1 ± 0.5	1 ± 0.5	1 ± 0.5
Suitable thickness (mm)		≥0.8	≥0.8	≥0.8	≥0.8	≥0.8
Dimension of wire (mm)		0.8 / 1.0	0.8 / 1.0	0.6 / 0.8	0.8 / 1.0	0.8 / 1.0 / 1.2
Diameter of the wire board (mm)		270	270	270	270	270



NW-MIG 250S



NW-MIG 160Y

Function and feature

- Easy to operate, convenient, high arc striking success rate.
- It can carry out continuous welding and disconnected welding, and continuously provide wire feeding without interruption.
- Little welding spatter, deep welding pool, stable welding, good welding surface, good heat resistance and crack resistance, small distortion when heated.
- Be applicable for low carbon steel, high strength steel, alloy steel, soft steel, etc. Be able to match various wire.



NW-MIG 200Y



NW-MIG 250Y

INVERTER CO₂ GAS SHIELD WELDING MACHINE



NW-MIG 250F



NW-MIG 250L

Function and feature

- Integration of wire feeding device and power.
- Easy to operate, convenient, high arc striking success rate.
- It can carry out continuous welding and disconnected welding, and continuously provide wire feeding without interruption.
- Little welding spatter, deep welding pool, stable welding, good welding surface, good heat resistance and crack resistance, small distortion when heated.
- Be applicable for low carbon steel, high strength steel, alloy steel, soft steel, etc. Be able to match various wire.
- Suitable for welding work pieces more than 0.8mm thickness.

Specification

ITEM	MODEL	NW-MIG 250F	NW-MIG 250L
Input power voltage / Frequency (V/Hz)		THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)		8.3	8.4
Rate output current (A)		250	250
Output current range (A)		50 - 250	50 - 250
Rate output voltage range (V)		16.5 - 26.5	16.5 - 26.5
Rate output voltage (V)		26.5	26.5
Duty cycle (%) (25%)		60	60
Power factor (COS φ)		0.93	0.93
Efficiency (%)		85	85
Insulation class		F	F
Protection - class		IP23	IP23
Weight (KG)		16.5	17.5
Overall dimension (mm)		480 x 250 x 365	480 x 250 x 365
Feeding speed (m/min)		2.5 - 13	2.7 - 11
Wire feeder form		Two parts	Spool gun
Post flow time (S)		1 ± 0.5	1 ± 0.5
Suitable thickness (mm)		≥ 0.8	≥ 0.8
Diameter of wire (mm)		0.8 / 1.0	0.8 / 1.0
Diameter of wire board (mm)		270	102



NW-NBC 350



NW-NBC 500



NW-NBC 630

Function and feature

- Continuous adjustment of current and voltage in wider range.
- It can weld continuously for long time with high duty cycle.
- Easy arc starting with slowly wire feeding.
- Stopping arc procedure has reducing melting ball feature.
- Non-source power factor compensation technology, high PF (power factor) Digital display, fine current preset..

Specification

ITEM	MODEL	NW-NBC 350	NW-NBC 500	NW-NBC 630
Input power voltage / Frequency (V/HZ)		THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rated input power (KVA)		14.4	25	35.8
Rated input current (A)		22	38	54
Range of welding voltage (V)		17 - 31	17 - 39	18 - 44
Range of welding current (A)		60 - 350	60 - 500	80 - 630
Wire diameter		1.0 - 1.6	1.0 - 1.6	1.0 - 2.0
Rated duty cycle		60%	60%	60%
Full-load efficiency		89%	89%	89%
Power factor		0.87	0.87	0.87
Wire feeder type		Push wire	Push wire	Push wire
Weight (KG)		40	50	58