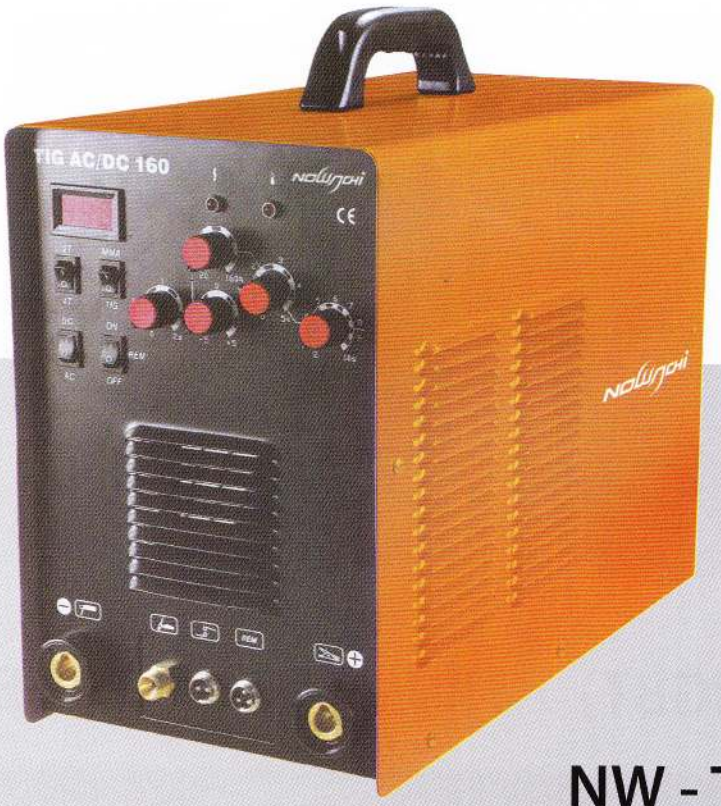
INVERTER AC/DC SQUARE WAVE TIG WELDING MACHINE



NW - TIG 160 AC/DC

Specification

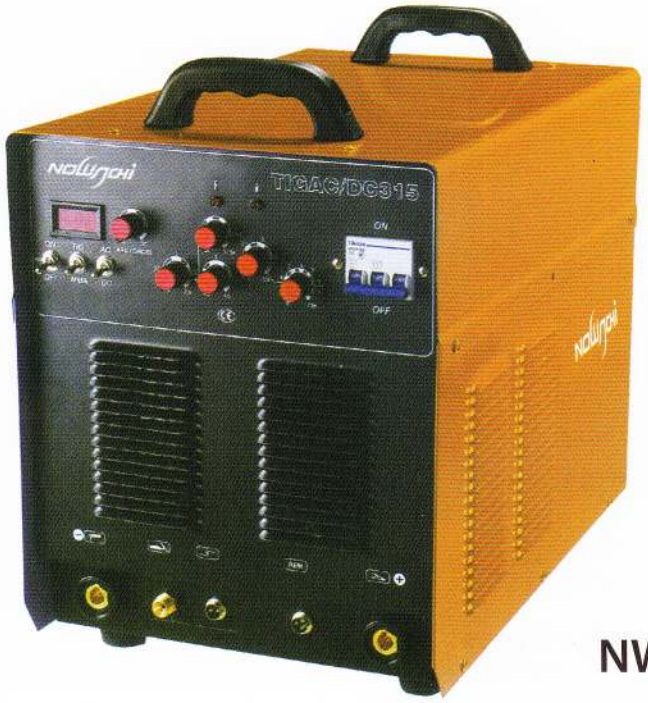
ITEM / MODEL	NW-TIG 160 AC/DC	NW-TIG 200 AC/DC	NW-TIG 250 AC/DC	NW-TIG 315 AC/DC
Input power voltage / Frequency (V/HZ)	SINGLE PHASE 220± 15% 50/60	SINGLE PHASE 220± 15% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)	3.4	4.6	6.4	9
Output current range (A)	10 - 160	10 - 200	10 - 250	10 - 315
Rate output voltage (V)	16.4	18	20	22.6
O.C.V (V)	56	56	56	60
(25°C) Duty cycle (%)	60	60	60	60
Efficiency (%)	85	85	85	85
Power factor (COS ϕ)	0.93	0.93	0.93	0.93
Insulation class	F	F	F	F
Protection class	IP23	IP23	IP23	IP23
Weight (KG)	18	22	32	38
Overall dimension (mm)	480 x 232 x 415	565 x 331 x 512	565 x 331 x 512	565 x 367 x 512
Arcing way	HF	HF	HF	HF
Pre-flow time	0 - 2	0 - 2	0 - 2	0 - 2
Down-slope time (S)	0 - 5	0 - 5	0 - 5	0 - 5
Post-flow time (S)	2 -10	2 -10	2 -10	2 -10
Suitable welding thickness (mm)	0.3 - 8	0.3 - 8	0.3 - 8	0.3 - 12

NW - TIG 200 AC/DC

NW - TIG 250 AC/DC

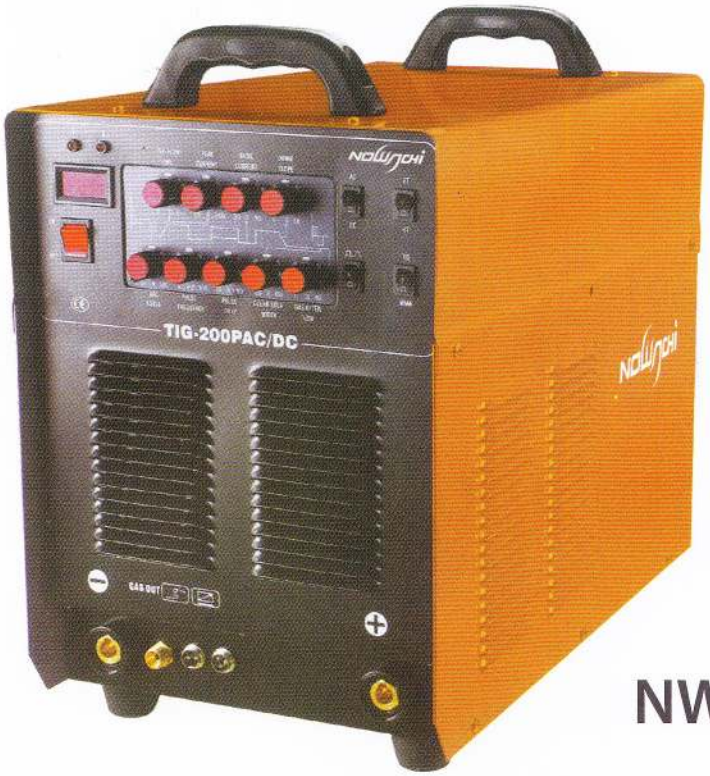
Function and feature

- Set AD & DC arc welding in a body, gentle arc, small noise.
- Good Stiff current, easy to fill wire, beautiful forming.
- Build-in protective circuits, safety operation.
- AC function can be used in welding various nonferrous metal stainless steel, alloy steel, carbon steel and copper, etc.
- DC function can be used in welding aluminum and aluminum alloy.



NW - TIG 315 AC/DC

INVERTER AC/DC SQUARE WAVE PULSE TIG WELDING MACHINE



NW - TIG 200P AD/CD

Function and feature

- Set AC&DC arc welding in a body, gentle arc, small noise.
- Good Stiff current, easy to fill wire, beautiful forming.
- Build-in protective circuits, safely operation.
- AC function can be used in welding various nonferrous metalstainless steel, alloy steel, carbon steel and copper, etc.
- DC function can be used in welding aluminium and aluminium alloy.

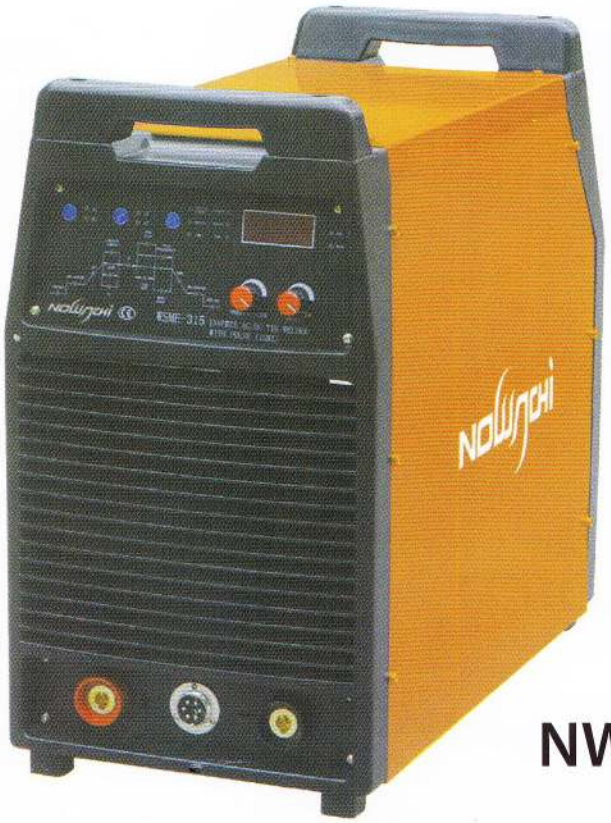
NW - TIG 250P AD/CD

NW - TIG 315P AD/CD

Specification

ITEM / MODEL	NW-TIG200P AD/CD	NW-TIG250P AD/CD	NW-TIG315P AD/CD
Input power voltage / Frequency (V/HZ)	SINGLE PHASE 220± 15% 50/60	THREE PHASE 380± 10% 50/60	THREE PHASE 380± 10% 50/60
Rate input power capacity (KVA)	4.6	6.4	8.9
Output current range (A)	10 - 200	10 -250	10 -315
Rate voltage (V)	18	20	23
O.C.V (V)	56	54	54
(25°C) Duty cycle (%)	60	60	60
Power factor (COS ϕ)	0.93	0.93	0.93
Weight (KG)	27	39	39
Overall dimension (mm)	565 x 331 x 512	565 x 367 x 512	565 x 367 x 512
Insulation class	F	F	F
Protection class	1P23	1P23	1P23
Arcing Way	(HF)	(HF)	(HF)
Pulse frequency	0.5 - 300	0.5 - 300	0.5 - 300
Pre-flow time (S)	0 - 1	0 - 1	0 - 1
Down-slope time (S)	0 - 10	0 - 10	0 - 10
Post-flow time (S)	0 - 10	0 - 10	0 - 10
Base current (%)	10 -90	10 -90	10 -90
Suitable welding thickness (mm)	0.5 - 10	0.5 - 12	0.5 - 15

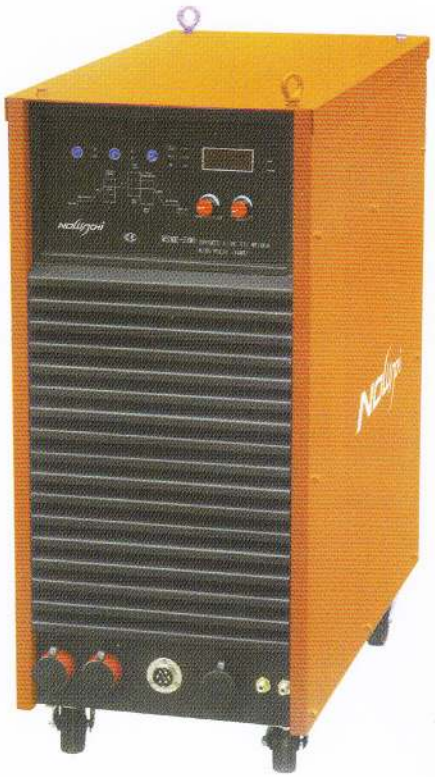
IGBT SOFT SWITCH INVERTER AC/DC (PULSE) SQUARE WAVE TIG WELDING MACHINE



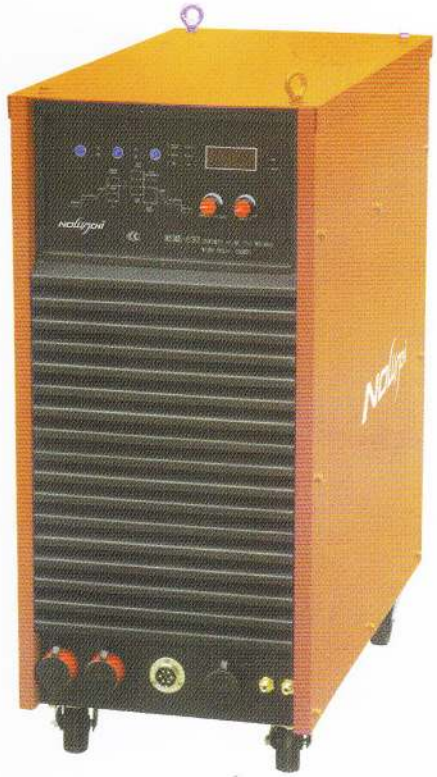
NW-WSME 315

Function and feature

- HF soft switch transform, high efficiency, small size, light weight.
- Multi-function, convenience, good adjustability.
- Knob-control preset of all parameters and welding state, simple and convenient.
- Non-source power factor compensation technolocy, high PF (power factor)
- Easy to arc-starting, stable arc, high performance.



NW-WSME 500



NW-WSME 630

Specification

ITEM / MODEL	NW-WSME-315	NW-WSME-500	NW-WSME-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
Rate input power capacity (KVA)	9.3	18.2	30
Rate input current (A)	14.4	29.7	46
Range of welding current (A)	5 - 315	20 -500	20 -630
Rated duty cycle (%)	60	60	60
Pulse frequency (Hz)	0.2 - 20	0.2 - 20	0.2 - 20
AC frequency (Hz)	20 - 200	20 - 100	20 - 100
Oxide clean ratio (%)	-40 - +40	-40 - +40	-40 - +40
AC bias ratio (%)	-50 - +30	-50 - +30	-50 - +30