

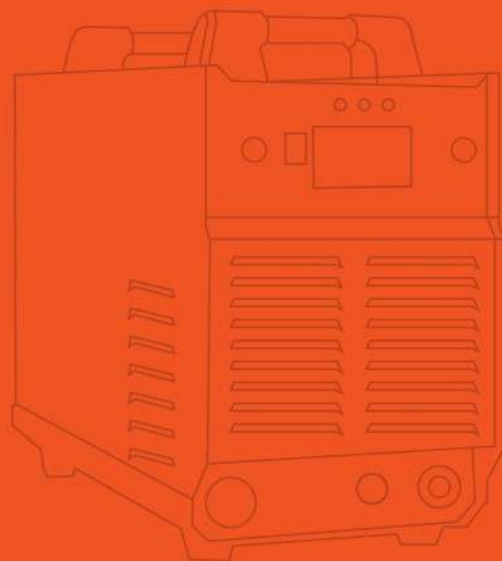


TOOL 'N' HARDWARE



WELDING MACHINES

Total Welding Solution





MMA-200G 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	1ph-220V
Rated Input Current (A) :	27.9
Rated Input Power Capacity (KVA) :	6.1
Output Current Range (A) :	20-200
No-Load Voltage (V) :	70
VRD & VRD Voltage :	YES & 40VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.8
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	300x144x242
Net Weight (KG) :	5.5



MMA-250G 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	1ph-220V
Rated Input Current (A) :	32.8
Rated Input Power Capacity (KVA) :	7.2
Output Current Range (A) :	20-250
No-Load Voltage (V) :	70
VRD & VRD Voltage :	YES & 40VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.8
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	345x165x285
Net Weight (KG) :	6.5



MMA-250iS 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	1P-AC220V
Rated Input Current (A) :	22
Rated Input Power Capacity (KVA) :	5.6
Output Current Range (A) :	0-250
No-Load Voltage (V) :	70
VRD & VRD Voltage :	YES & 15VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.93
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	342x158x283
Net Weight (KG) :	4.7



MMA-300iS 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	1P-AC220V
Rated Input Current (A) :	30
Rated Input Power Capacity (KVA) :	6.6
Output Current Range (A) :	0-300
No-Load Voltage (V) :	70
VRD & VRD Voltage :	YES & 15VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.93
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	383x190x330
Net Weight (KG) :	6.3



MMA-300i 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	1P-AC220V
Rated Input Current (A) :	40
Rated Input Power Capacity (KVA) :	10.4
Output Current Range (A) :	0-300
No-Load Voltage (V) :	70
VRD & VRD Voltage :	YES & 15VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.93
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	457x228x373
Net Weight (KG) :	9.6



MMA-300i(T) 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ) :	3P-AC380V
Rated Input Current (A) :	13.4
Rated Input Power Capacity (KVA) :	10.4
Output Current Range (A) :	0-300
No-Load Voltage (V) :	66
VRD & VRD Voltage :	YES & 15VDC
Rated Duty Cycle (%) @25°C :	60
Efficiency (%) :	85
Power Factor ($\cos\phi$) :	0.93
Protection Class :	IP21S
Insulation Class :	F
Dimensions (mm) :	457x228x373
Net Weight (KG) :	9.5





TOOL 'N' HARDWARE MMA/ARC Inverter Series



MMA-400CI 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P-AC415V
Rated Input Current (A)	: 32
Rated Input Power Capacity (KVA)	: 13
Output Current Range (A)	: 30-400
No-Load Voltage (V)	: 64
VRD & VRD Voltage	: NO
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 495x260x380
Net Weight (KG)	: 15



ARC-400IJ 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P-AC380V
Rated Input Current (A)	: 18.6
Rated Input Power Capacity (KVA)	: 12.4
Output Current Range (A)	: 30-400
No-Load Voltage (V)	: 75
VRD & VRD Voltage	: YES & 20VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 500x235x385
Net Weight (KG)	: 20.2



ARC-630IJ 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P-AC415V
Rated Input Current (A)	: 80
Rated Input Power Capacity (KVA)	: 33
Output Current Range (A)	: 30-630
No-Load Voltage (V)	: 84
VRD & VRD Voltage	: YES & 15V
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 670x320x640
Net Weight (KG)	: 38



MMA QN3.2T (250A) 1/2-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P-AC220 2P-AC380V*
Rated Input Current (A)	: 17
Rated Input Power Capacity (KVA)	: 5.4
Output Current Range (A)	: 0-250
No-Load Voltage (V)	: 75 / 65
VRD & VRD Voltage	: YES & 15VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21S
Insulation Class	: F
Dimensions (mm)	: 342x158x283
Net Weight (KG)	: 4.8



MMA QN4.0T (300A) 1/2-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P-AC220 2P-AC380V*
Rated Input Current (A)	: 24
Rated Input Power Capacity (KVA)	: 9.6
Output Current Range (A)	: 0-300
No-Load Voltage (V)	: 75 / 65
VRD & VRD Voltage	: YES & 15VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21S
Insulation Class	: F
Dimensions (mm)	: 342x158x283
Net Weight (KG)	: 6.3



MMA QN5.0T (400A) 1/2/3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P-AC220 2P-AC380V 3P-AC380V*
Rated Input Current (A)	: 30/18
Rated Input Power Capacity (KVA)	: 5.8/14
Output Current Range (A)	: 0-400
No-Load Voltage (V)	: 80 / 70
VRD & VRD Voltage	: YES & 15VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21S
Insulation Class	: F
Dimensions (mm)	: 457x228x373
Net Weight (KG)	: 10.7





TIG-200A 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P~AC220
Rated Input Current (A)	: 30
Rated Input Power Capacity (KVA)	: 6.7
Output Current Range (A)	: 10~200
No-Load Voltage (V)	: 56
VRD & VRD Voltage	: NO
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 80
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 375x152x336
Net Weight (KG)	: 7.85
Suitable Tungston Rod(mm)	: 1.6~2.4
Suitable Welding Plate-Thickness(mm)	: 0.5~5
Weld Materials	: Stainless Steel, Copper, Iron



TIG-250D 1/2-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P~AC220 2P~AC380V
Rated Input Current (A)	: 30
Rated Input Power Capacity (KVA)	: 6.6
Output Current Range (A)	: 0~250
No-Load Voltage (V)	: 65
VRD & VRD Voltage	: YES & 24VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 342x158x283
Net Weight (KG)	: 7.5
Suitable Tungston Rod(mm)	: 0.8~2.4
Suitable Welding Plate-Thickness(mm)	: 1~8
Weld Materials	: Stainless Steel, Copper, Iron



TIG-300AS 1-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P~AC220
Rated Input Current (A)	: 52
Rated Input Power Capacity (KVA)	: 11.5
Output Current Range (A)	: 10~300
No-Load Voltage (V)	: 56
VRD & VRD Voltage	: NO
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 80
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 505x203x375
Net Weight (KG)	: 15
Suitable Tungston Rod(mm)	: 1.6~3.2
Suitable Welding Plate-Thickness(mm)	: 0.5~10
Weld Materials	: Stainless steel, Copper, Iron



TIG-300A 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC415V
Rated Input Current (A)	: 21
Rated Input Power Capacity (KVA)	: 8.5
Output Current Range (A)	: 10~300
No-Load Voltage (V)	: 58
VRD & VRD Voltage	: NO
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 505x203x375
Net Weight (KG)	: 15
Suitable Tungston Rod(mm)	: 1.6~3.2
Suitable Welding Plate-Thickness(mm)	: 0.5~10
Weld Materials	: Stainless Steel, Copper, Iron



TIG-400IJ 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC415V
Rated Input Current (A)	: 36
Rated Input Power Capacity (KVA)	: 15
Output Current Range (A)	: 10~400
No-Load Voltage (V)	: 67
VRD & VRD Voltage	: NO
Rated Duty Cycle (%) @25°C	: 80
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Dimensions (mm)	: 550x280x545
Net Weight (KG)	: 27
Suitable Tungston Rod(mm)	: 1.6~4
Suitable Welding Plate-Thickness(mm)	: 0.5~20
Weld Materials	: Stainless Steel, Copper, Iron



TIG-400P 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC380V
Rated Input Current (A)	: 31
Rated Input Power Capacity (KVA)	: 12
Output Current Range (A)	: 5~400
No-Load Voltage (V)	: 65
VRD & VRD Voltage	: YES & 24VDC
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21S
Insulation Class	: F
Dimensions (mm)	: 535x275x470
Net Weight (KG)	: 22
Suitable Tungston Rod(mm)	: 0.8~3.0
Suitable Welding Plate-Thickness(mm)	: 1~20
Weld Materials	: Stainless Steel, Copper, Iron



TOOL 'N' HARDWARE MIG/ARC Inverter Series



MIG-250D 1/2/3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 1P~AC220/2P~AC380V/3P~AC380V
Rated Input Current (A)	: 41.7/14
Rated Input Power Capacity (KVA)	: 9.2
Output Current Range (A)	: 0-250
No-Load Voltage (V)	: 62/54
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Machine Dimensions (mm)	: 485×245×400
Wire Feeder Dimensions (mm)	: 460×200×260
Machine Net Weight (KG)	: 14.5
Wire Feeder Net Weight (KG)	: 5.25
Suitable Welding Wire (mm)	: 0.8 - 1.0
Suitable Welding Plate-Thickness (mm)	: 1mm - 10mm
Weld Materials	: Low Carbon Steel, Low Alloy Steel



MIG-400I 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC380V
Rated Input Current (A)	: 23
Rated Input Power Capacity (KVA)	: 15.3
Output Current Range (A)	: 0-350
No-Load Voltage (V)	: 68
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Machine Dimensions (mm)	: 535×275×470
Wire Feeder Dimensions (mm)	: 460×200×280
Machine Net Weight (KG)	: 24.3
Wire Feeder Net Weight (KG)	: 9
Suitable Welding Wire (mm)	: 0.8 - 1.2
Suitable Welding Plate-Thickness (mm)	: 1mm - 20mm
Weld Materials	: Low Carbon Steel, Low Alloy Steel



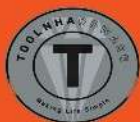
MIG-500I 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC380V
Rated Input Current (A)	: 38.6
Rated Input Power Capacity (KVA)	: 25.5
Output Current Range (A)	: 0-500
No-Load Voltage (V)	: 75
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Machine Dimensions (mm)	: 577×305×545
Wire Feeder Dimensions (mm)	: 460×200×300
Machine Net Weight (KG)	: 31.3
Wire Feeder Net Weight (KG)	: 10
Suitable Welding Wire (mm)	: 1.0 - 1.6
Suitable Welding Plate-Thickness (mm)	: 3mm - 35mm
Weld Materials	: Low Carbon Steel, Low Alloy Steel



MIG-630I 3-PH

Input Power Source ($\pm 15\%$ 50/60HZ)	: 3P~AC380V
Rated Input Current (A)	: 52.4
Rated Input Power Capacity (KVA)	: 34.5
Output Current Range (A)	: 0-630
No-Load Voltage (V)	: 75
Rated Duty Cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power Factor (cos ϕ)	: 0.93
Protection Class	: IP21
Insulation Class	: F
Machine Dimensions (mm)	: 577×305×545
Wire Feeder Dimensions (mm)	: 460×200×300
Machine Net Weight (KG)	: 32
Wire Feeder Net Weight (KG)	: 10
Suitable Welding Wire (mm)	: 1.0 - 1.6
Suitable Welding Plate-Thickness (mm)	: 3mm - 40mm
Weld Materials	: Low Carbon Steel, Low Alloy Steel



TOOL 'N' HARDWARE Plasma Cut Series



CUT-401-PH

Input power source ($\pm 15\%$ 50/60HZ)	: 1P-AC220V
Rated input current (A)	: 24
Rated input power capacity (KVA)	: 5.2
Output current range (A)	: 0-40
No-load voltage (V)	: 310
Rated duty cycle (%) @25°C	: 60
Efficiency (%)	: 85
Power factor ($\cos\phi$)	: 0.93
Protection class	: IP21
Insulation class	: F
Dimensions (mm)	: 393X190X330
Net weight (KG)	: 7.5
Clean Cut(mm)	: 5
Max Cut(mm)	: 12
Cutting Materials	: Iron Plate, Aluminum Plate, Galvanized Plate, White Steel Plate, Titanium Plate



CUT-60S1-PH

Input power source ($\pm 15\%$ 50/60HZ)	: Single Phase 220v
Rated input current (A)	: 48
Rated input power capacity (KVA)	: 11
Output current range (A)	: 20-60
No-load voltage (V)	: 232
Rated duty cycle (%) @25°C	: 60
Efficiency (%)	: 80
Power factor ($\cos\phi$)	: 0.73
Protection class	: IP21
Insulation class	: F
Dimensions (mm)	: 480X205X310
Net weight (KG)	: 15
Clean Cut(mm)	: 12
Max Cut(mm)	: 20
Cutting Materials	: Iron Plate, Aluminum Plate, Galvanized Plate, White Steel Plate, Titanium Plate



CUT-703-PH

Input power source ($\pm 15\%$ 50/60HZ)	: 3P-AC380V
Rated input current (A)	: 13.5
Rated input power capacity (KVA)	: 6.2
Output current range (A)	: 0-70
No-load voltage (V)	: 280
Rated duty cycle (%) @25°C	: 100
Efficiency (%)	: 85
Power factor ($\cos\phi$)	: 0.93
Protection class	: IP21
Insulation class	: F
Dimensions (mm)	: 485×245×415
Net weight (KG)	: 18.5
Clean Cut(mm)	: 15
Max Cut(mm)	: 22
Cutting Materials	: Iron Plate, Aluminum Plate, Galvanized Plate, White Steel Plate, Titanium Plate*



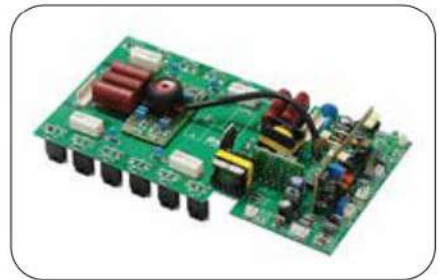
CUT-100I3-PH

Input power source ($\pm 15\%$ 50/60HZ)	: 3P-AC380V
Rated input current (A)	: 22
Rated input power capacity (KVA)	: 8.2
Output current range (A)	: 0-100
No-load voltage (V)	: 265
Rated duty cycle (%) @25°C	: 100
Efficiency (%)	: 85
Power factor ($\cos\phi$)	: 0.93
Protection class	: IP21
Insulation class	: F
Dimensions (mm)	: 545×285×480
Net weight (KG)	: 23.5
Clean Cut(mm)	: 20
Max Cut(mm)	: 35
Cutting Materials	: Iron Plate, Aluminum Plate, Galvanized Plate, White Steel Plate, Titanium Plate



TOOL 'N' HARDWARE

Accessories And Spares



Promise to Customers

Creating a great customer experience begins with staying true to the words we speak and the bonds we make.



We Welcome Distributors

We are searching for distributor in India to build up long term cooperation and create mutual beneficial relation. If you are interested in being distributors for welding machines, we are eagerly waiting for your joining and will support you by every means!.