



Welding
PRODUCT CATALOGUE

**LAUNCH
PROMOTION**

Total Welding & Cutting Solutions
ISO 9001 ISO 14001 OHSAS 18001



★★★★★
PREMIUM QUALITY

Quality & Standard

ISO 9001 ISO 14001 OHSAS 18001

Developed according to international standards, Pioneer is fully equipped with the most up to date precision manufacturing equipment with flexible automatic lines, it is managed in accordance with lean production systems.....

Product Selection Guide

Metal Type	Stick	MIG	FCAW	SAW	AC-TIG	DC-TIG	CAC-ADC	Plasma
Steel	✓	✓	✓	✓		✓	✓	✓
Stainless Steel	✓	✓	✓	✓		✓	✓	✓
Aluminium		✓			✓		✓	✓
Cast Iron	✓						✓	✓
Copper / Brass		✓				✓	✓	✓
Titanium						✓		✓
Magnesium Alloys					✓			✓
Skill Level	Moderate	Low	Low	Moderate	High	High	Moderate	Low
	WELDING PROCESS						CUTTING PROCESS	

Icons



Thermal Protect



Pulse



Voltage Stepless Control



2 T / 4 T Selection



Anti Sticking



Dual Driving Wire Feeding



Gas Pre Flow



Arc Force



Slow Wire Feeding



Gas Post Flow



Hot Start



Burn Back



Slope Down



Cellulosic Electrode



Gas Check



Slope Up



Generator Friendly



IGBT Inverter



Alternating or Direct Current Welding Output



50/60 Hertz Input Power



Direct Current Welding Output



Single Phase Input Power



Fan-cooled



For Constant Current Stick and TIG Process



Single or Three Phase Input Power



ARC 200VRD DC INVERTER (Voltage Reduction Device)

Part No. ARC205VRD

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Step less current setting
- Hot Start
- VRD
- Arc force
- Available for rutile and basic electrode
- Lift Arc TIG
- Digital Display
- Generator Friendly

ACCESSORIES: 3m Welding cable with electrode holder; 2m Earth cable with earth clamp (CCA Cable 16mm², 35-70 Dinse connector).



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
ARC 160	1ph-220V 50/60Hz	19.4A(20 degree) 11.2A(40 degree)	15-140A	64V	60% at 160A at 20 degrees 20% at 160A at 40 degrees	1.6-3.2mm

PIONEER

ARC 200 DC INVERTER

Part No. ARC200

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Step less current setting
- Hot Start
- VRD
- Arc force
- Available for rutile and basic electrode
- Lift Arc TIG

ACCESSORIES: 3m Welding cable with electrode holder; 2m Earth cable with earth clamp (CCA Cable 16mm², 35-70 Dinse connector).



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
ARC 200	1ph-220V 50/60Hz	23.2A (20 degree) 13.4A (40 degree)	15-200A	64V	40% at 160A at 20 degrees 20% at 160A at 40 degrees	1.6-4.0mm



PIONEER

ARC 160 DC INVERTER

Part No. ARC160

- Portable IGBT Inverter stick welder
- Power Indicator
- Thermal Protection
- Step less current setting
- Hot Start
- VRD
- Arc force
- Available for rutile and basic electrode
- Lift Arc TIG

ACCESSORIES: 3m Welding cable with electrode holder; 2m Earth cable with earth clamp (CCA Cable 16mm², 35-70 Dinse connector).



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
ARC 160	1ph-220V 50/60Hz	19.4A (20 degree) 11.2A (40 degree)	15-140A	64V	60% at 160A at 20 degrees 20% at 160A at 40 degrees	1.6-3.2mm





INVERTER MIG 350-IB

Part No. MIG350IB

- IGBT Inverter three phase with separate wire feeder MIG/STICK welder
- Thermal protection
- Digital display
- Gas Check
- Burn back
- Step less heat and wire feed setting
- Four Roller
- Manual Wire feeding
- Available for 15kg Spool

ACCESSORIES: 3m MIG torch MB36 with 1.0mm contact tip, 3m grounding cable 40mm² with earth clamp, 70-95mm Dinse connectorm, 5m 6pin plug/4pin socket control cable and connection cable, 7m gas hose with quick gas connector, 9-16 hose clamp, 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1pc for each; 0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter.



Pioneer Model:	Power supply (V/HZ)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 350IB	3ph-380V 50/60HZ	25.5A	40-350A	60V	60% at 350A	0.8 – 1.2

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POWER MIG 250K

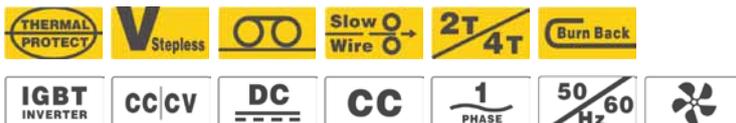
Part No. MIG250

- Inverter Mig welder
- MMA/MIG Function
- Power Indicator
- Digital display
- 2T / 4T
- Step less wire feed setting
- Removable MB 25 Mig Torch
- Digital Volts & Amps Display
- Available for 15kg Spool

ACCESSORIES: 4m MB25 MIG torch with 0.8mm contact tip, 3m grounding cable 25mm² with earth clamp 35-70dinse connector, 3mXΦ8mm gas hose with gas connector and 9-16 hose clamp, small kits: wrench, 9-16 hose clamp, 0.8, 1.0mm contact tip 1pc for each, CO² regulator.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 250K	1ph-220V 50/60Hz	45	MIG50-250A; MMA30-200A	55V	60%@250	0.6 – 1.2



PIONEER

POWER MIG 205

Part No. MIG205

- Inverter Mig welder
- Power Indicator
- Digital display
- Step less heat control
- Step less wire feed setting
- Removable MB 25 Mig Torch
- Digital display
- Volts & Amps Display
- Available for 15kg Spool

ACCESSORIES: 4m MB 25 TORCH; 3mX16mm² earth cable with 200A clamp; 35-70 quick connector; 4mΦ8mm gas hose, 9-16 hose clamp, 0.6, 0.9mm 1.0mm contact tip 1pc for each; CO² regulator.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 205	1ph-220V 50/60Hz	36	MIG30-200A; MMA60-170A	69V	20%@250	0.8 – 1.0





HG-MIG 500-SW

Part No. MIG500

- Professional three phase separate wire feeder MIG welder
- Power Indicator
- Thermal protection
- Digital display
- 30 heat settings
- 2T / 4T
- Gas Check
- Burn back time adjustment
- Step less heat and wire feed setting
- Four Roller
- Optional built in water cooling
- Available for 15kg Spool

ACCESSORIES: 4m MIG torch MB40 with 1.0mm contact tip, 4m grounding cable 40mm² with earth clamp, 70-95mm Dinse connectorm, 5m 6pin plug/4pin socket control cable and connection cable, 7m gas hose with quick gas connector, 9-16 hose clamp, 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1pc for each; 0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 500-SW	3ph-380V 50/60HZ	40A	110-500A	20-51V	60%@500	1.2-1.6mm

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HG-MIG 350-SW

Part No. MIG350

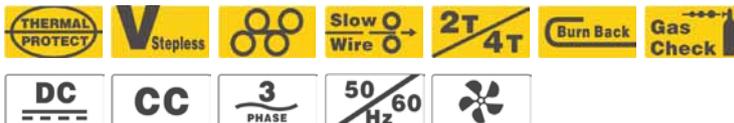
- Professional three phase separate wire feeder MIG welder
- Power Indicator
- Thermal protection
- Digital display
- 30 heat settings
- 2T / 4T
- Gas Check
- Burn back time adjustment
- Step less heat and wire feed setting
- Four Roller
- Optional built in water cooling
- Available for 15kg Spool

ACCESSORIES:

4m MIG torch MB36 with 1.0mm contact tip, 4m grounding cable 40mm² with earth clamp, 70-95mm Dinse connectorm, 5m 6pin plug/4pin socket control cable and connection cable, 7m gas hose with quick gas connector, 9-16 hose clamp, 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1pc for each; 0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 350-SW	3ph-380V 50/60Hz	23A	60-350A	19-40V	60%@350	1.0-1.6mm



PIONEER

INVERTER MIG 500-IB

Part No. MIG500IB

- IGBT Inverter three phase with separate wire feeder MIG/STICK welder
- Thermal protection
- Digital display
- Gas Check
- Burn back
- Step less heat and wire feed setting
- Four Roller
- Manual Wire feeding
- Available for 15kg Spool

ACCESSORIES:

3m MIG torch MB40 with 1.0mm contact tip, 3m grounding cable 40mm² with earth clamp, 70-95mm Dinse connectorm, 5m 6pin plug/4pin socket control cable and connection cable, 7m gas hose with quick gas connector, 9-16 hose clamp, 0.8, 1.0, 1.2mm contact tip 2pc for each, fuse 3A, 8A 1pc for each; 0.8/1.0mm roller 2pc, 1.0/1.2 roller installed in the machine; gas meter



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
MIG 500IB	3ph-380V 50/60HZ	41.8A	50-500A	70V	60% at 500A	0.8 - 1.6



TIG



AC/DC TIG 315A MACHINE

Part No. TIG315AC/DC

- Professional IGBT inverter AC/DC TIG pulse machine
- Lift ARC TIG
- ARC Force
- Anti-Sticking
- Hot Start
- Digital display
- Steeples setting
- Pulse Frequency adjustment
- Pulse Width adjustment
- Pulse Current Adjustment

ACCESSORIES: 5M WP-18 TIG torch installed with 2-pin socket, #7 nozzle, $\phi 3.2$ mm collect, $\phi 3.2$ mm collect holder, short cap and come with the small accessories pack (#4, #5, #6 nozzle, $\phi 2.0$, $\phi 2.4$ tungsten collect: long cap), 2M grounding cable 25m² with 35-70 dinse connector, 3m* $\phi 8$ reinforce gas hoses and hoses clamp.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
TIG 315AC/DC	3ph-380V 50/60HZ	19A	TIG 20-315A MMA 20-250A	65V	35% at 315A/250A	0.6-5.0mm

PIONEER

AC/DC TIG 200A MACHINE

Part No. TIG200AC/DC

- Professional IGBT inverter AC/DC TIG pulse machine
- Lift ARC TIG
- ARC Force
- Anti-Sticking
- Hot Start
- Digital display
- Steeples setting
- Pulse Frequency adjustment
- Pulse Width adjustment
- Pulse Current Adjustment

ACCESSORIES: 5M WP-26 TIG torch with 2 pin plug and 35-70 quick connector; 3m 16mm² earth cable with 35-70 quick connector and 300A earth clamp; φ8 Gas hose with 9-16 hose clamp; small accessories.



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
TIG 200AC/DC	1ph-220V 50/60HZ	34A	MMA: 5-170 DCTIG: 5-200 ACTIG (HF):10-200A ACTIG (LIFT):30-200A	68V	60%@200A	1.6-4.0



CUT 100 PLASMA CUTTER

Part No. CUT100

- Professional IGBT Inverter plasma cutting machine
- Max cutting thickness 10mm'
- Thermal protection

ACCESSORIES: 5m P80 plasma cutting torch, 3m earth cable 16mm² with 10-25 connector, 200A earth clamp; 3m Φ8mm gas hose; QAW3000 gas regulator, small accessories (4 pcs 9-16 hoop, 5 pcs 2A fuse, 2 pcs gas valve connector).



Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
CUT100	3ph-380V 50	23A	20A-100A	284V	60%@100A	Max cutting:30mm; quality cutting: 20mm

PIONEER

CUT 70 PLASMA CUTTER

Part No. CUT70

- Professional IGBT Inverter plasma cutting machine
- Max cutting thickness 10mm'
- Thermal protection



ACCESSORIES: p 80 cutting torch 3m*10mm² YH earth cable with 200A earth clamp 35-70 quick connector 3m*Φ8mm tube.

Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
CUT70	3ph-380V 50HZ	13.5A	25-70A	315V	60% at 70A	Max cutting: 25mm quality cutting: 17mm



PIONEER

CUT 40 PLASMA CUTTER

Part No. CUT40

- Professional IGBT Inverter plasma cutting machine
- Max cutting thickness 10mm'
- Thermal protection



ACCESSORIES: PT 31 cutting torch with 2pin connector, 5 electrodes, 5 nozzles, 2 diffusers; 3m earth cable 6mm² with 10-25 connector, 200A earth clamp; 3m Φ8mm gas hose; AW2000-02 gas regulator, small accessories (4 pcs 9-16 hoop, 2 gas connector).

Pioneer Model:	Power supply (V/Hz)	Input Current (A)	Output Current (A)	OCV (V)	Rated Output (% at A)	Electrode /wire dia (mm)
CUT40	1ph-230V 50HZ	28A	15-40A	280V	60% at 40A	Max cutting: 10mm quality cutting: 8mm



