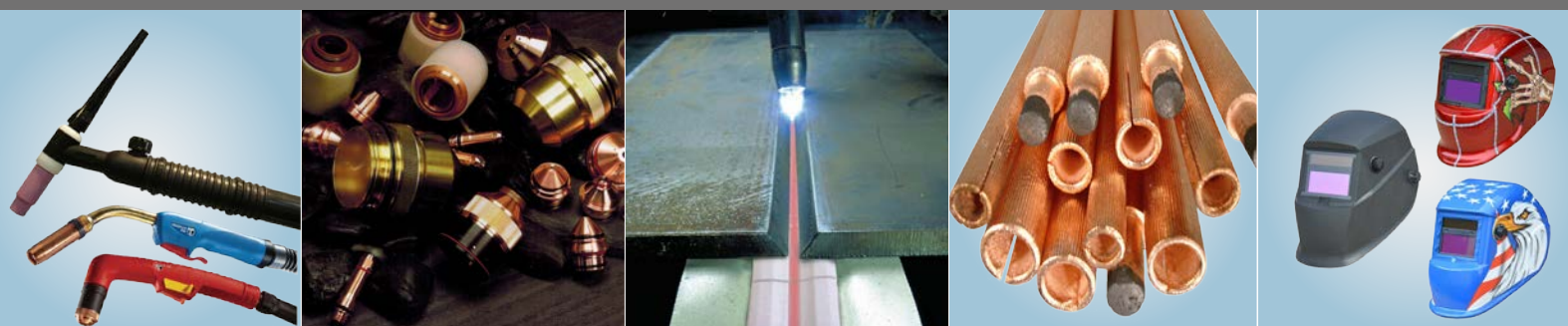


ALL FOR WELDING



Welding & Cutting Technology



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Beijing Aland Welding Co., Ltd.



COMPANY PROFILE

Beijing Aland Welding Co., Ltd. is a professional supplier of high quality welding products and welding solutions.

We are pleased to offer a comprehensive range of MIG Welding, TIG Welding, MMA Welding, Plasma Cutting, Welding Accessories & consumables, Gas Welding & safety products.

We have professional factories of inverter welding machine, which have high-precision production and testing equipments, talented workers, strict quality management.

Customer first and Quality life is our company principle. We always provide our customers - Quality Products, Competitive price, On-Time Delivery and Excellent Services.

We recognized that the pursuit of better quality is vital to improve competitiveness and obtain business success. Most of our products have got CE, GS and other certificate.

Our products have been exported to market of Europe, America, Southeast Asian, Australia.

We are your reliable partner in welding industry in China, and we are willing to grow up and develop with our customers and partners together.



ISO9001



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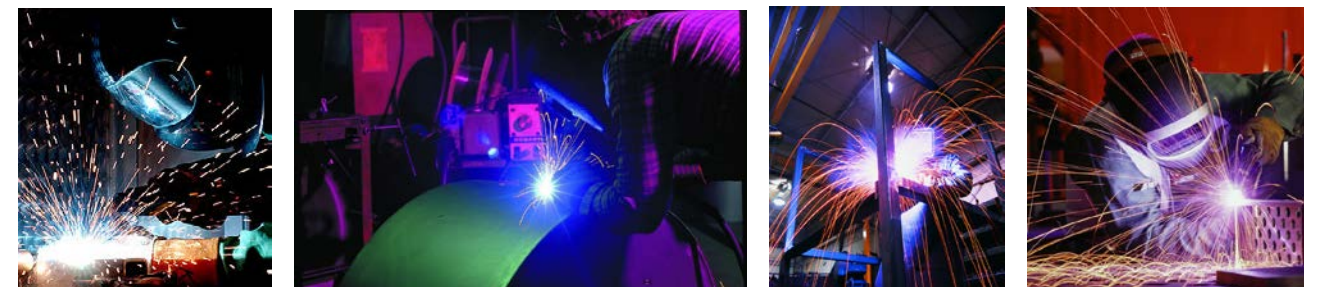
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Proarc135/175/205

IGBT INVERTER DC MMA (SMAW)

SuperArc250/315/400/500

IGBT INVERTER DC MMA (SMAW)



Features & Advantages

- ♦DIY & light industrial, light, small, easy and simple, applied in any place
- ♦IGBT high frequency inverter technology
- ♦Preset function of welding Current
- ♦LED digital display
- ♦Intelligent protection for over loading & over heating
- ♦Built-in Hot arc control, arc force and anti-stick function
- ♦Hot start to improve arc ignition.
- ♦Compatible with generators

Accessories Includes:

- ♦Easy carrying Case
- ♦300A Electrode holder + Welding cable 1.5m + plug
- ♦200A Earth clamp + Welding cable 1m + plug
- ♦Chipping hammer
- ♦Hand held Helmet

Optional

- ♦PFC
- ♦VRD
- ♦Dual-Voltage 110V/220V

Specification

Model	ProARC135	ProARC175	ProARC205
Input Voltage	1x220/230/240V, 50/60Hz		
Input power capacity	4.5KVA	4.8KVA	6KVA
No load voltage	83V	83V	85V
Current Range	15-135A	160A	200A
Rate duty cycle	35%		
Dimensions(LWH)	210*120*265mm	210*120*285mm	290*165*380mm
Weight (kg)	4.2	4.5	5.5

Features & Advantages

- ♦Compact, Professional and Industrial
- ♦IGBT full bridge inverter technology
- ♦Light weight, heavy duty cycle up to 60%
- ♦Hot arc start, welding Current and arc force
- ♦Digital Display, MCU inside
- ♦Overheating and Current, ABS phase protection
- ♦Can weld Cellulose electrode E6010/6011,
- ♦Compatible with generator
- ♦Cooling fan with thermostatic protection.

Accessories Includes:

- ♦500A Electrode holder +Welding Cable 3m+Plug
- ♦500A Earth Clamp +Welding Cable 3m+Plug

Optional

- ♦PFC

Specification

Model	SuperArc250	SuperArc315	SuperArc400	SuperArc500
Input Voltage	1x220/230/240V, 50/60Hz or 3x380V~415V, 50/60Hz		3x380V~415V, 50/60Hz	
Input Power Capacity	9KVA	12KVA	16KVA	25KVA
No-load Voltage	65-75V			
Current Range	20-250A	20-315A	20-400A	20-500A
Rate Duty Cycle	60%			
Dimensions(LWH)	415X220X390mm			
Weight (kg)	15	20	25	35



Proarc135/175/205STL

IGBT INVERTER DC MMA (SMAW) /LIFT-TIG (GTAW) WELDING MACHINE

PowerArc250 ST

IGBT INVERTER DC MMA (SMAW) /LIFT-TIG (GTAW)



Features & Advantages

- ◆DIY & light industrial, light, small and easy, applied in any place
- ◆IGBT technology, high frequency inverter
- ◆Preset function of welding current
- ◆LED digital display
- ◆Intelligent protection for over loading & over heating
- ◆Built-in Hot arc control, arc force and anti-stick function
- ◆Hot start to improve arc ignition.
- ◆Compatible with generators

Accessories Includes:

- ◆Easy carrying Case
- ◆300A Electrode holder + Welding cable 1.5m + plug
- ◆200A Earth clamp + Welding cable 1m + plug
- ◆Chipping hammer
- ◆Hand held Helmet

Optional

- ◆TIG torch with gas valve
- ◆PFC
- ◆VRD
- ◆Dual-Voltage 110V/220V

Specification

Model	ProARC135STL	ProARC175STL	ProARC205STL
Input Voltage	1x220/230/240V, 50/60Hz		
Input power capacity	4.5KVA	4.8KVA	6KVA
No load voltage	83V		85V
Current Range	15-135A	160A	200A
Rate duty cycle	35%		
Dimensions(LWH)	290x120x265mm	310X125X285mm	
Weight (kg)	4.2	4.5	5.5

Features & Advantages

- ◆Compact, Light, Small and Rugged
- ◆IGBT full bridge inverter technology
- ◆Hot arc start, welding Current and arc force
- ◆Digital LED Display
- ◆Overheating and Current protection
- ◆Can weld Cellulose electrode E6010/6011 (Connect earth clamp Port 6010)
- ◆Compatible with generator
- ◆Cooling fan with thermostatic protection.

Accessories Includes:

- ◆300A Electrode holder +Welding Cable 3m+Plug
- ◆300A Earth Clamp +Welding Cable 3m+Plug
- ◆Chipping hammer
- ◆Hand held Helmet

Optional

- ◆TIG torch with gas valve
- ◆VRD
- ◆PFC
- ◆Dual-Voltage 110V/220V

Specification

Model	PowerArc250ST	
Input Voltage	1~ 220V 50/60Hz	1~ 110V 50/60Hz
MMA	No load voltage	70V
	Current Range	20-250A 20-130A
	Rate duty cycle	35%
Dimensions(LWH)	415x165x285mm	
Weight (kg)	10.5kgs	

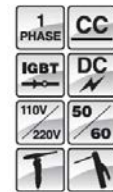


WS200/250/315

Portable Inverter TIG/MMA

TIG 160/180/200 PDC

IGBT INVERTER Pulse-TIG (GTAW)/ DC MMA (SMAW)



Features

- ◆ Adopting advanced inverter technology; 100KHZ high frequency, small in size and light in weight.
- ◆ High frequency pressurization arc starting and pulse heat arc starting design which is easy for arc starting, wide range for current adjusting and superior of cost performance, protection equipment are set internally to prevent over heat, over current, lack of voltage etc. to ensure safety operation.
- ◆ With functions of manual arc welding and TIG welding .
- ◆ Strong adaptability to grid, high duty cycle and suitable for continuous working in factory.
- ◆ Simple structure, excellent technics, durability, reliability and easy maintenance.

- ◆ Protection equipment are set to prevent input power lack of phase, lack of voltage and over voltage and strong practicability.

Accessories Includes:

- ◆ TIG torch .
- ◆ 300A Electrode holder +3m cable + Plug
- ◆ 300A Earth Clamp +3m cable + Plug

Optional:

- ◆ Argon regulator flow meter I
- ◆ PFC
- ◆ Dual-Voltage 110V/220V

Specification

Model	WS200	WS250	WS315
Input voltage / frequency	110/220V±15% (50/60HZ)		380V±15% (50/60HZ)
Input power (KVA)	8.5	9.2	18.3
No-load voltage (V)	56	56	65
Current range (A)	5-200	5-250	5-300
Duty cycle (%)	60		
Applied tungsten electrode (mm)	1.0-2.5		
Dimension L×W×H (mm)	450X270X350	450X270X450	590X320X430
Net weight (Kg)	8	8.5	16



Features & Advantages

- ◆ DC PULSE TIG/DC TIG/ MMA
- ◆ Efficient operation, Smooth Weld
- ◆ IGBT inverter technology, full function
- ◆ Current Preset and Digital display
- ◆ 2T/4T at TIG mode
- ◆ HF arc start for TIG
- ◆ Suitable for welding all types of steels, plus bronze and copper.
- ◆ Portable and light weight, ideal for field maintenance and manufacturing.
- ◆ Pulse TIG to allow greater control of heat in the weld puddle.
- ◆ Cooling fan with thermostatic protection.

Accessories Includes:

- ◆ TIG torch 17V 4m.
- ◆ 300A Electrode holder +3m cable + Plug
- ◆ 300A Earth Clamp +3m cable + Plug
- ◆ 5m gas hose

Optional:

- ◆ Argon regulator flow meter
- ◆ Foot Pedal
- ◆ PFC
- ◆ Dual-Voltage 110V/220V

Specification

Model	TIG160PDC	TIG180PDC	TIG200PDC
Input Voltage	1x220-240V, 50/60Hz		
MMA	No-load Voltage	60V – 80V	60V – 80V
	Rated Output Current	125A	140A
	Duty Cycle	35%	35%
	Current Range	5A – 125A	5A – 140A
DC TIG	No-load Voltage	60V – 80V	60V – 80V
	Rated Output Current	160A	180A
	Duty Cycle	35%	60%
	Current Range	5A – 160A	5A – 180A
	Up-Slope Time	5S	
	Down-Slope Time	5S	
	Pulse Frequency Range	0.5Hz – 25Hz	
	Gas Post Flow Time	1 – 10S	
Arc Starting Mode	High Frequency		
Gross Weight	12 KG		16 KG
Insulation	IP21S		
Dimensions	425 x 195 x 310		



TIG160/180/200PD

IGBT INVERTER HF-TIG (GTAW)/ DC MMA (SMAW)



MicroTig 165/185 AC/DC

IGBT INVERTER AC/DC HF-TIG (GTAW)/ DC MMA (SMAW)



Features & Advantages

- ♦ Full digital control TIG welding machine, suitable for light industrial
- ♦ IGBT high frequency digital inverter technology.
- ♦ Light weight, heavy duty cycle
- ♦ Hot arc start, welding Current and arc force.
- ♦ Intelligent protection for over loading & over heating
- ♦ Full function of DC TIG and Stick welding
- ♦ Built-in gas solenoid
- ♦ Easy operation, Automatic foot pedal selection.
- ♦ Wide line voltage compensation.

Accessories Includes:

- ♦ TIG torch 4m
- ♦ 300A 3m Electrode Holder +Plug
- ♦ 300A 3m Earth Clamp +Plug

Optional

- ♦ Argon regulator flow meter
- ♦ Foot Pedal
- ♦ PFC
- ♦ Dual-Voltage 110V/220V

Specification

Model	TIG160PD	TIG180PD	TIG200PD
Input Voltage	1x220-240V, 50/60Hz		
Input power capacity	4.8KVA	5.5KVA	6KVA
No load voltage	60-80V		
Current Range	3-160A	3-180A	3-200A
Base/peak current ratio	5%-95%		
Start Current	3-150A		
End Current	3-150A		
Up slope time	0-25S		
Down slope time	0-25S		
Pre flow time	0-10S		
Post flow time	0-25S		
Rate duty cycle	35%		
Pulse on time ratio	5%-95%		
Pulse frequency	0.5-500Hz		
Arc force	1-100		
Hot arc start amp.	welding amps +1%-100%		
Hot arc start time	0.1-15S		
Memory channel	0-9		
Dimensions(LWH)	425x195x310mm		
Weight (kg)	7.5	8.5	9.8



Features & Advantages

- This machine works perfectly if you are an amateur or a professional. It offers a solution simple, highly portable and compact for TIG welding needs. With the balance control knobs AC (Cleaning) and the AC frequency, you can control to produce Aluminum welds high quality.
- ♦ IGBT advanced double inverter technology
 - ♦ Single phase power supply
 - ♦ Light weight
 - ♦ HF arc start for TIG, easy for operation
 - ♦ PVC sticker panel
 - ♦ AC/DC TIG suitable for mild steel, stainless steel, aluminum.

- ♦ Digital display and Current preset adjustment
- ♦ Overheating and Current protection.

Accessories Includes:

- ♦ 300A Electrode Holder +3m cable
- ♦ 300A Earth Clamp+3m cable
- ♦ TIG torch 4m
- ♦ gas hose 2m

Optional

- ♦ Argon regulator flow meter
- ♦ Foot Pedal
- ♦ PFC
- ♦ Dual 110/220V

Specification

Model	MicroTIG165ACDC	MicroTIG185ACDC
Input Voltage	1x220/230/240V, 50/60Hz	
Input power capacity	4KVA	5.5KVA
No load voltage	60-80V	
Current Range	5-165A	5-185A
Rate duty cycle	35%	
Gas post flow time	1-25S	
SP value (Balance)	10-90%	
AC frequency	20-250Hz	
Dimensions(LWH)	425*180*310mm	
Weight (kg)	16	18



Digi-Tig200AC/DC Puls

IGBT INVERTER AC/DC HF-TIG (GTAW)/ DC MMA (SMAW)



Features & Advantages

- ♦ IGBT digital control advance inverter technology
- ♦ New design
- ♦ All parameter one knob preset
- ♦ MMA: Hot arc start, arc force, anti-stick and output polarity select function.
- TIG: HF / lift arc start
- ♦ Advance AC pulse and full wave control.
- ♦ 2T/4T, down slope function for TIG.
- ♦ High Performance Microprocessor inside, 10 channels memory.
- ♦ Quickly gas connector, Easy operation
- ♦ Overheating and Current protection.
- ♦ Foot pedal and finger control Current function.

Accessories Includes:

- ♦ 300A Electrode Holder +3m cable
- ♦ 300A Earth Clamp+3m cable
- ♦ TIG torch 4m
- ♦ gas hose 2m

Optional

- ♦ PFC
- ♦ Foot Pedal
- ♦ Dual-Voltage 110V/220V

Specification

Model	DIGI-TIG160ACDCPULS	DIGI-TIG 200ACDCPULS	DIGI-TIG 250ACDCPULS	DIGI-TIG 320ACDCPULS
Input Voltage	1*220/230/240 V 50/60Hz			3*220/380/400/415V 50/60Hz
Input Power Capacity	4.8KVA	6.0KVA	7.5KVA	10KVA
No-load Voltage	80V			
Current Range	5-160A	5-200A	5-250A	10-320A
Rated duty cycle	60%			35%
Gas post flow time	0-25s			
up/down slop time	0-10s			
Pulse frequency	0.5-500Hz			
Pulse width	0.1-0.9			
AC frequency	25-250Hz			
AC balance	10%-90%			
Dimension(LWH)	515×230×395mm			

Digi-Tig200/250/320AC/DC

IGBT INVERTER AC/DC HF-TIG (GTAW)/ DC MMA (SMAW)



Features & Advantages

- This machine is ideal for the professional who needs an AC / DC TIG welder well-equipped and powerful. Everything in this machine has been designed carefully for a long service life and easy repair as its modular components make it easy diagnosis and change parts in a simple and quick process.
- ♦ IGBT digital control inverter technology
 - ♦ new look design
 - ♦ All parameter one knob preset
 - ♦ MMA: Hot arc start, arc force, anti-stick and output polarity select function. TIG: HF / lift arc start
 - ♦ 2T/4T standard functions for ACDCTIG.
 - ♦ Microprocessor inside, 10 channels memory.
 - ♦ Quickly gas connector, Easy operation

- ♦ Overheating and Current protection.
- ♦ Foot pedal and finger control current function.

Accessories Includes:

- ♦ Electrode Holder +3m cable
- ♦ Earth Clamp+3m cable
- ♦ TIG torch 4m
- ♦ gas hose 2m

Optional

- ♦ PFC
- ♦ Foot Pedal
- ♦ Dual Voltage 110V/220V
- ♦ Water cooled TIG torch
- ♦ Argon Gas flowmeter

Specification

Model	DIGI-TIG 200ACDC	DIGI-TIG 250ACDC	DIGI-TIG 320ACDC
Input Voltage	1*220/230/240V 50/60Hz		3*220/380/400/415V 50/60Hz
Input Power Capacity(KVA)	6.0KVA	7.5KVA	10KVA
No-load Voltage(V)	80V		
Current Range (A)	5-200A	5-250A	10-320A
Rated duty cycle (%)	60%		35%
Gas post flow time	0-25s		
up/down slop time	0-10s		
Pulse frequency	0.5-250Hz		
AC Balance	10%-90%		
AC frequency	25-250Hz		
Pulse width	0.1-0.9		
Dimension(LWH)	545×235×445mm		



SuperTig200/250EX

IGBT INVERTER AC/DC HF-TIG (GTAW)/ DC MMA (SMAW)



Features & Advantages

- ♦ Compact, Powerful, Professional
- ♦ IGBT advanced double inverter technology
- ♦ Single phase power supply
- ♦ Spot TIG welding function
- ♦ HF arc start for TIG, arc force for MMA
- ♦ 2T/4T and pulse control function for TIG
- ♦ AC/DC TIG suitable for mild steel, stainless steel, aluminum.
- ♦ Digital display and Current preset adjustment
- ♦ Overheating and Current protection.
- ♦ Everything in this machine has been carefully designed

for long life and easy repair as their
♦ modular components make it easy diagnosis and change parts in a simple and quick process.

Accessories Includes:

- ♦ Welding Cable 3m+300A holder
- ♦ Welding Cable 3m+300A Earth clamp
- ♦ TIG torch 4m
- ♦ gas hose 2m

Optional

- ♦ Foot pedal
- ♦ Dual Voltage 110V/220V
- ♦ PFC
- ♦ Water cooled TIG torch
- ♦ Argon Gas flowmeter

Specification

Model	SuperTIG200EX	SuperTIG250EX
Input Voltage	1*220/230/240V 50/60Hz	1*220/230/240V 50/60Hz
Input Power Capacity(KVA)	6KVA	9KVA
No-load Voltage(V)	60-80V	60-80V
Current Range (A)	200A	250A
Start amps		5-100A
End amps		5-100A
Spot time		0-10s
Rated duty cycle (%)		60%
Pre gas flow time		0-10s
Gas post flow time		1-25s
Current up slop time		0-10s
Current down slop time		0-10s
SP value(balance)		10-90%
AC frequency		20-250Hz)
Pulse frequency		0.2-500Hz
Dimension(LWH)	566×235×380mm	
Weight (kg)	24	26

IGBT INVERTER AC/DC HF-TIG (GTAW)/DC MMA (SMAW) /PLASMA (PAC)



Features & Advantages

- ♦ Compact, Powerful, Professional
- ♦ IGBT advanced double inverter technology
- ♦ Single phase power supply, FUSE 16/21A
- ♦ Light weight
- ♦ HF arc start for TIG, arc force for MMA
- ♦ 2T/4T and pulse control function for TIG
- ♦ AC/DC TIG suitable for mild steel, stainless steel, aluminum.
- ♦ Digital display and Current preset adjustment
- ♦ Overheating and Current protection.
- ♦ For those who need welding thin gauge material, the unit has startability low amperage in both modes of AC and DC, up to 5 amps. Everything in this machine has been carefully designed for long life and easy repair

♦ since its modular components make it easy diagnosis and change parts in a simple and quick process.

Accessories Includes:

- ♦ Welding Cable 3m+300A holder
- ♦ Welding Cable 3m+300A Earth clamp
- ♦ TIG torch 4m,
- ♦ plasma cutting torch 4m.
- ♦ gas hose 2m

Optional

- ♦ HF
- ♦ Foot Pedal
- ♦ Argon gas flowmeter
- ♦ PFC

Specification

Model	Powermaster205	Powermaster256
Input voltage	1x220/230/240V, 50/60Hz	
Input power capacity	6KVA	9KVA
No-load voltage	60-80V(WELDING)/200V(CUT)	
Current range	5-200A(WELD)/20-50A(CUT)	5-250A(WELD)/20-60A(CUT)
Rate duty cycle	60%	
Up/Down slope time	0-10S	
Gas post flow time	0-25S	
Pulse frequency	0.5-25S	
SP value (balance)	10-90%	
AC frequency	20-250Hz	
Dimensions(LWH)	515x220x395mm	
Weight (kg)	24	26



ACDCTIG161/201/251

IGBT INVERTER AC/DC PULSE TIG (GTAW)/ DC MMA (SMAW)

PROMIG 140/180/250-1

IGBT INVERTER MIG/MAG (GMAW)



Features & Advantages

- ♦ IGBT advanced double inverter technology
- ♦ Single phase Power supply, Fuse 16/21A
- ♦ Light Weight
- ♦ CE, RoHS
- ♦ HF arc start for TIG, arc force for MMA
- ♦ 2T/4T and pulse control function for TIG
- ♦ AC/DC TIG suitable steel, stainless steel, aluminum
- ♦ Digital display and Current preset adjusting
- ♦ Over heating and Current Protection.

Accessories Includes:

- ♦ 3m welding cable + 300A holder,
- ♦ 3m welding cable + 300A earth clamp
- ♦ 4m TIG torch
- ♦ 5m gas hose

Optional

- ♦ Argon regulator flow meter
- ♦ Foot Pedal
- ♦ PFC

Specification

Model	ACDCTIG161	ACDCTIG201	ACDCTIG251
Input voltage	1x220/230/240V, 50/60Hz		
Input Power Capacity	4.8KVA	6KVA	7.5KVA
No load voltage	60-80V		
Current Range	5(20A AC)-160A	5(20A AC)-200A	20-250A
Rate duty cycle	60%		
Pro-gas flow time	0-10S		
Gas post flow time	1-25S		
Current up/down-slope time	0-10S		
AC balance	30-70%		
Dimensions(L*W*H)	515*220*395mm		
Weight(kgs)	23	25	28



Features & Advantages

- ♦ IGBT high frequency inverter technology
- ♦ Single phase power supply 220V/230V/240V, 50/60Hz
- ♦ Nice MIG/MMA functions, Single PCB new design
- ♦ Gas / no gas
- ♦ Easy operation.
- ♦ Quickly gas connector.
- ♦ Overheating and Current protection.

Accessories Includes:

- ♦ MIG Torch
- ♦ 300A Earth clamp + 2m
- ♦ 300A Electrode Holder 3m

Optional

- ♦ Argon Gas Flowmeter
- ♦ Spool gun automatic socket & Spool Gun.

Specification

Model	ProMIG140	ProMIG180	ProMIG250-1
Input voltage	110V or 220V AC	1x220/230/240V, AC 50/60Hz	
Input power capacity	5.3KVA	6.8KVA	9.2KVA
No-load voltage	65	65	65
Current range	MIG30-140A	MIG: 30-180A MMA: 160A (Option)	MIG: 30-250A MMA: 30-200A
Gas post flow time	5S	5S	5S
Wire Dia. (mm)	0.6/0.8	0.6/0.8/1.0	0.6/0.8/1.0
Rate duty cycle	35%	35%	35%
Dimensions(LWH)	450x210x320mm		500x270x335mm
Wire Spool	1kg/5kg		15kg
Weight (kg)	10.5	12.5	20



IMIG160A/200A/250A

DIGITAL MIG/MMA WELDING MACHINE

FNBC 251/315/350

IGBT INVERTER MIG/MAG (GMAW)



Features & Advantages

- ♦ IGBT advance inverter technology
- ♦ Single phase Power supply: 220V/230V/240V, 50/60Hz
- ♦ MIG/MMA/ TIG multi function 3IN1.
- ♦ Gas/ no gas
- ♦ Heavy duty cycle
- ♦ Microprocessor inside, 10 channels memory.
- ♦ Quickly gas connector, Easy operation
- ♦ Overheating and Current protection.
- ♦ 15kg/270(300)mm wire Spool.
- ♦ Spool gun automatic socket.

Accessories Includes:

- ♦ 300A Electrode Holder 3m
- ♦ 300A Earth clamp + 3m
- ♦ MIG Torch 3m
- ♦ Gas Hose

Optional

- ♦ Spool Gun
- ♦ Welding Helmet
- ♦ CO2 Gas Regulator

Specification

Model	IMIG160A	IMIG200A	IMIG250A
Input voltage	1x220/230/240V, 50/60Hz		
Input power capacity	5.3KVA	6.8KVA	9.2KVA
No-load voltage	65	65	65
Current range	MIG30-170A, MMA/TIG: 140A	MIG30-200A, MMA/TIG: 160A	MIG30-250A, MMA/TIG: 200A
Down slope time	0-10S	0-10S	0-10S
Gas post flow time	0-25S	0-25S	0-25S
Wire Dia. (mm)	0.6/0.8	0.6/0.8/1.0	0.8/1.0/1.2
Rate duty cycle	35%	35%	35%
Dimensions(LWH)	800x460x686mm	800x460x686mm	800x460x686mm
Weight (kg)	25	30	38



Features & Advantages

- ♦ Compact structure
- ♦ Welding current and voltage digital display
- ♦ Euro style
- ♦ Welding voltage adjusted by step switch
- ♦ Continuous welding current adjustment
- ♦ Operation: continuous, spot and space welding for various welding requirement.
- ♦ MIG/MAG/CO2 and with spot function.
- ♦ Easy operation
- ♦ Cooling fan with thermostatic protection
- ♦ MIG welding in thicknesses up to 1/2 "in a single pass, 1"

- ♦ multipass and minimum size 22
- ♦ Stable arc that delivers a high penetration, low spatter and welding good shape

Accessories Includes:

- ♦ MIG Torch
- ♦ 300A earth clamp 3m

Optional:

- ♦ Spool Gun
- ♦ Gas regulator
- ♦ Wire feeding Roller

Specification

Model	FNBC251	FNBC250	FNBC315	FNBC350
Input voltage	1x220V - 240V 50/60Hz	3x400V (380V/415V), 50/60Hz		
Input power capacity	9.7KVA	9.8KVA	14.2KVA	15.5KVA
voltage steps	10	10	21	21
Current range	40-250A	40-520A	50-315A	50-350A
Rate duty cycle	40%	40%	40%	35%
Dimensions(LWH)	810x455x720mm			
Weight (kg)	78	78	88	90

PM 3500 / 5000

DOUBLE PULSE MIG MAG WELDING MACHINE

Features & Advantages

- ◆MCU + DSP digital control, control waveform exactly, one pulse drop of the transition implementation.
- ◆Minimal welding spatter, good metal soldering rate, good weld forming, small welding deformation.
- ◆These series machines have clear up the wire ball when end ARC, using sophisticated control arc, in high igniting rate.
- ◆Digital control panel, a unified regulator.
- ◆Built-welding expert database systems, automatic intelligent combinations of the welding parameters.
- ◆According to welding characteristics use surface tension of transition technology, filling and facing Welded Joints .
- ◆Special 4T function is suitable for metals of good heat conductivity, perfect starts and finishes to all welds.
- ◆can store 100 sets of user-defined parameters.
- ◆distribution fully enclosed wire feeder, small size, ease of movement.



Accessories Includes:

- ◆MIG Torch BINZEL 501D, wire feeder

Optional

- ◆Water Cooler

Specification

Model	PM3500	PM5000
Input Voltage (V,Hz)	3x380V ±10% /50Hz & 60Hz	
Rated input power capacity (KVA)	15.1	25.7
Rated input Current (A)	22A	39A
No-load voltage (V)	91	92
output current / pressure adjusting scope	25A/15V---350A/31.5V	25A/15V---500A/39V
Adjusting scope of Output voltage	14V-40V	14V-50V
duty cycle (40°C)	60%	350A/31.5V
	100%	270A/27.5V
Efficiency	>89%	
Power factor	>0.87	
Insulation class of main transformer	H	
Insulation class of output reactor	B	
Protection class	IP21	
Weight (kg)	76	80
Machine size (mm)	1100x430x1000	
Weight of Wire Feeder	15kgs	
Wire feeder size (mm)	630x300x400	
Shielding gas flow rate	10-20 l/min	
Flow of shielding Gas	10-20L/min	
Wire feed rate	1.2---22 m/min	
Applicable wire diameter	Φ0.8,Φ1.0,Φ1.2,Φ1.6	

NB350DP/NB500DP

Double Pulse Inverter Digital MIG/MAG/CO₂

Specification

Model	NB350DP	NB500DP
Input voltage /frequency	Three phase 380V±10% 50Hz	
Rated input current (A)	26.5	41
Rated input power (KVA)	17.5	27
Rated no-load voltage(V)	81	81
Rated output voltage(V)	32	39
Adjustment range of output voltage (V)	14-40	14-45
Adjustment range of output current (A)	40-350	50-500
Inductance	0-10	
Crater arc current (A)	10-350	10-500
Crater arc voltage(V)	14-34	14-44
Pre flow(S)	0-3.0	
Lag flow (S)	0-20	
Burn-back time(s)	0.01-0.5	
Burn-back voltage(V)	10-25	
Striking arc current (A)	10-350	10-500
Striking arc voltage (V)	14-34	14-44
Mixed frequency(Hz)	0.1-9.9	
Mixed duty ratio(%)	10-90	
Peak voltage (V)	14-34	14-44
Peak current(A)	10-350	10-500
Peak current offset(A)	100-150	
Peak time offset (ms)	1.5-3.0	
Base offset (A)	10-20	
Wire feeding speed range(M/min)	2-25	
Wire diameter (mm)	Φ0.8/Φ1.0/Φ1.2	Φ1.0/Φ1.2/Φ1.6
Suitable welding wire specifications	Carbon steel, Stainless steel, Aluminum	
Wire feed type	Push wire	Push wire
Welding gun cooling method	Gas cooling	Water cooling
Welding current (A)	20-350	20-500
Striking the arc current (A)	0-200	
Thrust current (A)	0-200	
Rated duty cycle(%)	60%	
Efficiency(η)	0.85	
Power factor	0.9	
Insulation grade	F	
Shell protection grade	IP21S	
Cooling method	Air cooling	
Dimension L×W×H (mm)	640X320X575	640X320X575
Net weight (Kg)	44	47.5

Features

- ◆DSP digital control and stable output; high adaptability for electricity network.
- ◆Inverter IGBT technology, stable and excellent welding performance.
- ◆More suitable for Sheet welding Stainless steel, pure aluminum and all kinds of aluminum alloy material.
- ◆Excellent weld, less deformation.
- ◆Synergic adjustment, with expert database to cooperate with all sorts of automatic welding machines.
- ◆Multi-process; optional function of MMA , MIG / MAG, Pulse MIG / MAG , Double Pulse MIG / MAG etc.

Include

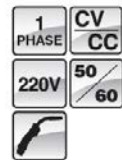
- ◆Wire feeding device
- ◆Welding torch
- ◆Heater
- ◆Ground cable
- ◆Six-pin plug
- ◆Clamp
- ◆Cold rolling terminal

Application

Widely used to semi-automatically weld aluminum, stainless steel, carbon steel and other alloy materials, high efficiency; applicable to automotive and parts, shipbuilding, steel structure, motorcycle and parts, metal furniture and other industries.

PM351/501

MIG/MAG INVERTER WELDING MACHINE



Features & Advantages

Independent air duct design, is more advantageous to welding protection and less dust into the internal device. Less welding spatter, beautiful shape, function of ball go, easy arc starting, process fast and smooth. Delicate design, convenient and practical.

Application:

This kind of welding machine can be utilized for manufacturing industries maintenance shops, food industries, chemical industries, metal plates, machining operations, equipment manufacturing, vehicle

Specification

Model	PM351	PM 501
Power Supply	3phase 380±10% 50Hz	3phase 380±10% 50Hz
Rated input power capacity (KVA)	17	30
Rated input Current (A)	25	46
Rated output voltage (V)	31.5	39
Duty cycle (%)	60	60
Rated no-load voltage (V)	72	81
Range of output Current (A)	30-350	50-500
Range of output voltage (V)	15-40	15-50
Power factor	>=0.87	>=0.87
Diameter of welding wire (mm)	0.8-1.6	0.8-1.6
Wire feed type	Wire pushing	Wire pushing
Protection gas flow (L/min)	15-20	15-20
Cooling manner of welding gun	Air cooling	Air / water cooling
Protection class	IP21S	IP21S
Insulation grade	H/B	H/B
Dimensions (w*d*h mm)	600*300*530	600*300*530
Weight (kgs)	42	48

manufacturing, locomotive manufacturing, shipyard, normal & high pressure receptacles, and ocean engineering.

Solid wire & covered wires (0.8-2.4mm), acid electrodes and basic electrodes are all permitted;

Accessories Includes:

- ♦MIG Torch, wire feeder

Optional:

- ♦Gas Regulator

CUT-40M/50M

INVERTER PLASMA CUTTING MACHINE



Features & Advantages

- ♦Most popular plasma cutting machine, low cost and easy cutting
- ♦HF pilot arc start
- ♦MOSFET high frequency inverter technology
- ♦Single phase power supply, Fuse 16/28A
- ♦Intelligent protection for over loading & over heating
- ♦Built-in arc pressure gauge
- ♦Wide line voltage compensation
- ♦Portable style and stable quality
- ♦Digital display and preset cutting Current.

Specification

Model	CUT-40M	CUT-50M
Input voltage	1x220/230/240V or Dual 110/220V, 50/60Hz	
Input power capacity	4.5KVA	6KVA
No-load voltage	200V	
Current range	15-40A	15-50A
Rate duty cycle	60%	
Air pressure	0.2-0.4MPa	
Gas post flow time	10S	
Max. Cutting Thickness	12mm	16mm
Dimensions(LWH)	305x165x265mm	
Weight (kg)	8.5	10.5

Accessories Includes:

- ♦Plasma Cutting torch 4m
- ♦300A Earth Clamp 3m

Optional

- ♦PFC
- ♦Welding Helmet
- ♦Dual-Voltage 110V/20V

DIGI-CUT 70 (CNC)

IGBT INVERTER PLASMA (PAC)



Features & Advantages

- ◆ Professional machine for industry.
- ◆ Cut any type of metal with ease.
- ◆ IGBT new inverter technology
- ◆ Single or Three phase power supply, Fuse 20A/25A
- ◆ Light weight and with Heavy duty cycle
- ◆ HF arc start (HV or without HF)
- ◆ 2T/4T control function (Auto/standard)
- ◆ (Continuous) pilot arc.
- ◆ Unique two types gas flow control
- ◆ Amps & voltage dual digital display, pressure gauge on front panel.
- ◆ Overheating and Current protection.

Specification

Model	DIGI-CUT70	DIGI-CUT60	DIGI-CUT80	DIGI-CUT100
Input voltage	1x220V, 50/60Hz	3x220V/380/400/415V, 50/60Hz		
Input power capacity		8.8KVA	13KVA	17KVA
No-load voltage		250V		
Current range	20-70A	20-60A	20-80A	20-100A
Rate duty cycle	60%		35%	
Air pressure	0.2-0.4MPa		0.2-0.5MPa	
Gas post flow time	10S		10S	
Max. Cutting Thickness	28mm	25mm	32mm	35mm
Dimensions(LWH)	515x220x395mm			
Weight (kg)	24	20	25	28

Accessories Includes:

- ◆ Plasma Cutting torch 4m
- ◆ 300A Earth Clamp 3m

Optional

- ◆ CNC torch

LGK60/100

Inverter Air Plasma Cutting Machine



Features:

- ◆ IGBT soft switch technology; good reliability, high efficiency and portable, light weight, easy to move.
- ◆ Energy saving due to automatic compensation for wide range power grid.
- ◆ 100% duty cycle is especially suitable for heavy industry applications in the severe environments of heavy current, long time working and high-temperature.
- ◆ Built-in air pressure and hydraulic pressure sensor can effectively avoid the accidental damage for cutting torch.
- ◆ Slow increasing of current can greatly reduce the ignition impact, and lengthen the service life of the cutting torch accessories.
- ◆ Ignition & arc voltage signal and two-way air supply control are well suited to CNC and Robot cutting.

Include

- ◆ Cutting torch
- ◆ Ground cable
- ◆ Electrode
- ◆ Spray nozzle
- ◆ Protection cover

Specification

Model	LGK60	LGK100
Input voltage / frequency	Three phase 380V±10% 50Hz	
Rated input current (A)	10.5	21
Rated input power (KVA)	7	13.8
Rated no-load voltage (V)	280	
Adjustment range of output current (A)	30-60	30-100
Working voltage (V)	92-104	92-120
Air pressure (MPa)	0.4~0.5	0.4~0.6
Cutting thickness (Carbon steel) (mm)	0.3~12	0.3~20
Max. cutting thickness (Carbon steel) (mm)	20	40
Rated duty cycle (%)	100%	
Efficiency(η)	0.85	
Power factor	0.9	
Insulation grade	F	
Shell protection grade	IP21S	
Cooling method	Air cooling	
Dimension L×W×H (mm)	680X315X575	680X315X575
Net weight (Kg)	47.5	49.5

Application Recommendation

We have a series of plasma cutting power supply with many usages. It is mainly used in metal sheet cutting, including in the condition of some other equipments not in validity; applicable to many metals such as stainless steel, alloy steel, carbon steel, copper and other non-ferrous metals.

MTS210/250/275PHF DIGITAL

IGBT INVERTER HF-TIG (GTAW)/
SYNERGIC MIG-MAG (GMAW)/ DC MMA (SMAW)



Features & Advantages

- ♦ Pulse MIG/TIG/MMA 3IN1 multi-process
- ♦ Compact, lightweight
- ♦ IGBT technologies, High frequency Inverter
- ♦ Full Digital Control Panel, Friendly Operation Panel
- ♦ MIG has synergistic function that automatically adjusts the wire speed when increases or decreases the voltage.
- ♦ Hot Arc Start, arc force, anti-stick function. HF/Lift-TIG arc start.
- ♦ 2T/4T at TIG mode
- ♦ Microprocessor inside, 10 channels memory to facilitate saving time and save your settings favorites.
- ♦ Quickly gas connector, Easy Operation.
- ♦ Over heating and Current Protection.
- ♦ 15kg/300mm wire spool.
- ♦ Spool Gun automatic socket.

Accessories Includes:

- ♦ 300A Electrode Holder 3m
- ♦ 300A Earth Clamp 3m
- ♦ TIG Torch 3m
- ♦ MIG Torch 3m
- ♦ Gas Hose 2m

Optional

- ♦ Dual-Voltage 110V/220V
- ♦ Argon Gas Regulator
- ♦ CO2 Gas Regulator
- ♦ Spool Gun
- ♦ Foot Pedal

Specification

Model	MTS210PHF	MTS250PHF	MTS275PHF
Input Voltage	1*220/230/240V or 3*380-415V 50/60V		
Input Power Capacity	6.8KVA	9.2KVA	11KVA
No Load Voltage	65	65	70
Current Range	MIG: 30-210A, TIG: 10-210A, MMA: 10-175A	MIG: 30-250A, TIG: 10-250A, MMA: 10-200A	MIG: 30-275A, TIG: 10-275A, MMA: 10-210A
Pulse Frequency	TIG: 0.5-250Hz, MIG: 20-100Hz		
Pulse Width	0.1-0.9	0.1-0.9	0.1-0.9
Up/Down Slop time	0-10S	0-10S	0-10S
Gas pre/post flow time	1-25S	1-25S	1-25S
Dia. Of Wire (mm)	0.6/0.8/1.0	0.6/0.8/1.0/1.2	0.8/1.0/1.2
Rate Duty Cycle	35%	35%	35%
Dimensions(LWH)	500*280*465	500*280*465	500*280*465
Weight (kgs)	20	25	28

UP200M/215M

Multi-function Inverter Digital MIG/MAG/CO2/TIG/MMA

Features

- ♦ For thin sheets and tubes, welding performance is even more excellent.
- ♦ Adopted with techniques of main transformer of ultracrystalline and IGBT inverter.
- ♦ Adopted with full digital control technique and unique pulse control technique for fusion depth; excellent welding performance for thin plate; multi functions such as: MMA, MIG/MAG, Pulse MIG/MAG, and double Pulse MIG/MAG.
- ♦ Unified operation system, with all kinds of welding expert system for typical materials.
- ♦ The smallest in dimensions and the biggest in power; integrated design with power source and wire feed device; built-in wire feed device and wire Spool and available with 200mm scroll and European welding torches and pull welding torches.
- ♦ Intelligent ventilation system: fan only runs in the condition with radiator temperature higher than 40 degrees when welding, reliable operation, energy-saving and noise reduction.
- ♦ MINI03 LCD panel can be used for storage and calling of welding parameters.

Specification

Model	UP200M	UP215M
Power Input	1PE - 220/110V	
Current Range(A)	20 -200	20-215
Duty Cycle(%)	35	60
No-load voltage(V)	60	60
Wire Diameter(mm)	0.6-1.2	0.6-1.2
Base metal thickness(mm)	1-4	1-4
MMA	√	√
TIG/Pulse TIG	Option	Option
MIG/MAG/CO2	√	√
Pulse MIG/MAG/CO2	√	√
Double Pulse MIG/MAG/CO2	√	√
Type of cooling	Air cooled	
Insulation rating	F	
Protection rating	IP21S	
Dimensions(mm)	600×250×424	550×300×500
Net weight(kg)	25	26
Build-in wire reel(mm)	200	300



Applications

Applied to weld aluminum, stainless steel, carbon steel, galvanized plate, etc. Typical application in locomotive, ship building, aviation, automotive and welder training, etc.

Include

- ♦ MINI03 LCD panel
- ♦ MIG welding torch
- ♦ Wire feed hose for aluminum
- ♦ Spool Gun Socket & Spool Gun
- ♦ Earth Clamp
- ♦ Wire feeder roller

Typical Applications

Carbon steel (ER50-6)
Plate thickness: 3mm
Current: 110A
Voltage: 20V
Wire diameter: \varnothing 1.2
Welding speed: 500mm/min
Gas: Ar+CO₂ (80+20%)

Aluminum Alloy (ER5356)
Plate thickness: 1mm
Current: 25A
Voltage: 13.5V
Wire diameter: \varnothing 1.2
Welding speed: 400mm/min
Gas: Ar 100%

ER308
Plate thickness: 5mm
Current: 115A
Voltage: 20.5V
Wire diameter: \varnothing 1.2
Welding speed: 550mm/min
Gas: Ar+CO₂ (98+2%)



WATER COOLER



Features & Advantages

- ◆ Input Amperage: 1.9 / 1.1.
- ◆ Input voltage: Dual voltage 110V / 220V.
- ◆ Input frequency: 50 / 60Hz.
- ◆ Capacity: 9 liters.
- ◆ Maximum Pressure: 57 pounds.
- ◆ Amperage Maximum torch: 350A.
- ◆ For MIG or TIG torches.

- ◆ Compact design.
- ◆ Visible water level in the main panel.
- ◆ large and powerful fan.
- ◆ Stainless steel pump.
- ◆ Copper radiator.
- ◆ Quick connectors
- ◆ Adaptable to other brands.
- ◆ Quick couplings for leak-proof connections.

WELDING CART



Plasma Torches & Parts

S45 Low Frequency Air Cooled Plasma Torch



S45

Ref. No.	Description
PF0125	Hand Torch Head
PR0105	Electrode, 40A
PR0110	Electrode, 20-30A
PE0106	Swirl Ring
PD0102-10	Nozzle, 1.0mm, 40A
PD0116-08	Long Nozzle, 20-30A
PC0116	Shield

S75 Low Frequency Air Cooled Plasma Torch



S75

Ref. No.	Description
TP0110+PF0135	Hand Torch Head
FH0647	Dip Tube
PR0117	Electrode-HF
PE0112	Swirl ring
PD0114-10	Tip, 1.0mm
PD0114-12	Tip, 1.2mm
PC0114	Nozzle retaining cap
CV0076	Cage Spacer

S105 Low Frequency Air Cooled Plasma Torch



S105

Ref. No.	Description
--	Hand Torch Head
FH0647	Dip Tube
PR0117	Electrode-HF
PE0112	Swirl ring
PD0119-12	Tip ø 1.2
PD0119-14	Tip ø 1.4
PC0118	Nozzle retaining cap

A101 High Frequency Air Cooled Plasma Torch



A101

Ref. No.	Description
PF0145	Torch
TR0101	Electrode-HF
PE0101	Swirl Ring
PD0101-11	Tip, 1.1mm
PD0101-14	Tip, 1.4mm
PD0101-17	Tip, 1.7mm
PC0109/PC0111	Nozzle retaining cap

Declaration

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Plasma Torches & Parts



A140

A140 Air Cooled Plasma Torch

Ref. No.	Description
PF0101	A140 Torch Head
FH0563	Gas Cooling Tube
PR0101	Electrode
PE0101	Swirl Ring
PD0101-11	Tip, 1.1mm
PD0101-14	Tip, 1.4mm
PD0101-17	Tip, 1.7mm
PD0101-19	Tip, 1.9mm
PC0101	Shield



PT31

PT31 Air Cooled Plasma Torch

Ref. No.	Description
20072	Hand Torch Head
18205	Electrode(HF)
--	Electrode(ZR)
19683	Extended Electrode (HF)
--	Extended Electrode (ZR)
18785	Swirl Ring (Ceramic)
18866	Nozzle
19682	Extended Nozzle
20860	Extended Nozzle
20282	Shield Cup
21328	Tip,100A,1.5mm
21329	Tip,70A,1.3mm
21330	Tip,50A,1.0mm



CB40

CB40 Air Cooled Plasma Torch

Ref. No.	Description
1359	Hand torch head
1516	Electrode-HF
1507	Swirl ring
1290	Tip ø0.7
1906	Nozzle retaining cap

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Plasma Torches & Parts



CB50

CB50 Rating 50A

Air Cooled Plasma Torch

Ref. No.	Description
1352	Hand torch head
1521	Electrode-HF
60001	Swirl ring
1304	Tip ø 1.0
5710121	Nozzle retaining cap
1518-Hf	Extend electrode-HF
1370	Extend tip



CB70

CB70 Rating 70A

Air Cooled Plasma Torch

Ref. No.	Description
1351	Hand torch head
1402	Electrode-HF
60001	Swirl ring
1309/1396/51100/51096	Tipø0.9/ø 1.0/ø 1.1/ø 1.2
5710171	Nozzle retaining cap
1368	Extend electrode-HF
1366/1395/51102/51096	Extend tipø0.9/ø 1.0/ø 1.1/ø 1.2



CB150

CB150 Rating 150A

Air Cooled Plasma Torch

Ref. No.	Description
PF0080/1353	Torch head
FH0213/1378	Gas Cooling Tube
PR0034/1376	Electrode
PE0009/1377	Swirl ring
PD0026-11/1371	Nozzle 1.1mm
PD0026-13/1372	Nozzle 1.3mm
PD0026-16/1373	Nozzle 1.6mm
PD0026-18/1374	Nozzle 1.8mm
PC0002/1389	Nozzle retaining cap

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Plasma torch PT60



PT60

Technical Data

For the correct operation please use 3-ways Solenoid Valve, inside orific 2.3-2.7mm.

Max Current	10-60 Amps
Duty Cycle	60Amps 60%
Gas	Air/N2
Gas Pressure	4.4-5.0 bar
Gas Flow	110 LPM
Pilot	Electrode to Tip (18E-22A)
Ignition	Without HF
Standard Length	6M

Plasma torch PT80



PT80

Technical Data

For the correct operation please use 3-ways Solenoid Valve, inside orific 2.7-3.0mm.

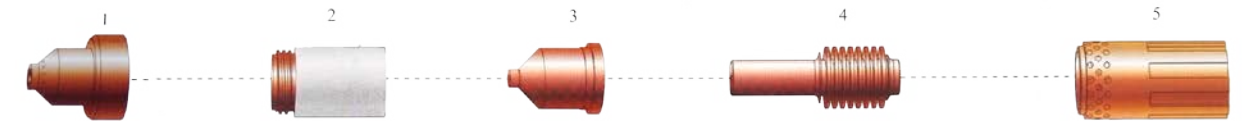
Max Current	30-80 Amps
Duty Cycle	80Amps 60%
Gas	Air/N2
Gas Pressure	4.4-5.0 bar
Gas Flow	110 LPM
Pilot	Electrode to Tip
Ignition	Without HF
Standard Length	6M

Declaration

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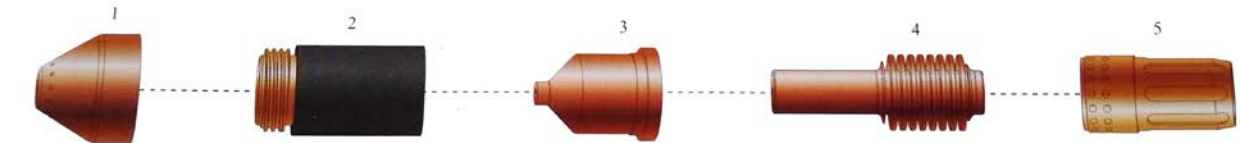
Replacement Parts suitable for HYPERTHERM®

Powermax 1250/1650/45®



No.	Order No.	Ref. No.	Description
1	AW 120929	120929	Shield, Hand, 40A/60A/80A
	AW 120930	120930	Shield, Machine, 40A/60A/80A
	AW 220065	220065	Shield, Hand, 100A
	AW 220047	220047	Shield, Machine, 100A
	AW 220569	220569	Shield Cap, Hand, 30A
	AW 220674	220674	Shield Cap, Hand, 45A
	AW 220673	220673	Shield Cap, Machine, 45A
	AW 220675*	220675	Shield Cap
	AW 120928*	120928	Retaining Cap 40A/60A/80A
	AW 220048*	220048	Retaining Cap 100A
2	AW 220483*	220483	Retaining Cap, Hand 30A
	AW 220713*	220713	Retaining Cap, Hand/Machine 45A

No.	Order No.	Ref. No.	Description
3	AW 220480	220480	Nozzle, Hand 30A
	AW 220671	220671	Nozzle, Hand/Machine 45A
	AW 220672	220672	Nozzle
	AW 120932	120932	Nozzle 40A
	AW 120931	120931	Nozzle 60A
4	AW 120927	120927	Nozzle 80A
	AW 220011	220011	Nozzle 100A
	AW 120926	120926	Electrode 40A/60A/80A
	AW 220037	220037	Electrode 100A
	AW 220478	220478	Electrode, Hand 30A
	AW 220669	220669	Electrode, Hand/Machine 45A
	AW 120925*	120925	Swirl Ring 40A/60A/80A
	AW 220051*	220051	Swirl Ring 100A
	AW 220479*	220479	Swirl Ring, Hand 30A
	AW 220670*	220670	Swirl Ring, Hand/Machine 45A



No.	Order No.	Ref. No.	Description	
1	AW 220992	220992	Shield Cap, Hand, 105A	
	AW 220993	220993	Shield Cap, Machine 105A	
	AW 220818	220818	Shield Cap, Hand, 45A/65A/85A	
	AW 220817	220817	Shield Cap, Machine, 45A/65A/85A	
	AW 220955	220955	Shield Cap, Machine, 45A/65A	
	AW 220931*	220931	Shield Cap	
	AW 220948	220948	Shield Cap	
	AW 220798	220798	Shield Cap	
	2	AW 220854*	220854	Retaining Cap, Hand 45A/65A
		AW 220953*	220953	Retaining Cap 45A

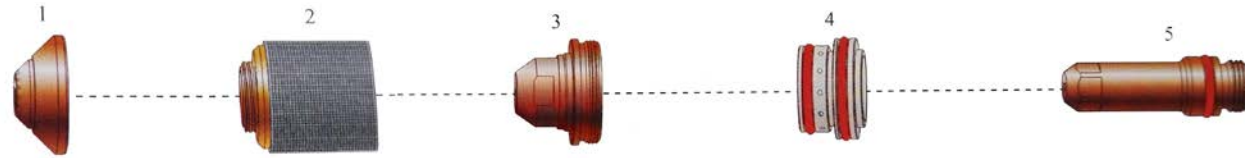
No.	Order No.	Ref. No.	Description
3	AW 220941	220941	Nozzle, Hand 45A
	AW 220819	220819	Nozzle, Hand 65A
	AW 220930	220930	Nozzle
	AW 220797	220797	Nozzle, Machine 45A
	AW 220816	220816	Nozzle 85A
4	AW 220990	220990	Nozzle, Hand/Machine 105A
	AW 220842	220842	Electrode Hand/Machine 45A/65A/85A/105A
5	AW 220857*	220857	Swirl Ring, Hand 45A/65A
	AW 220947*	220947	Swirl Ring

Declaration:

Hypertherm®, Powermax1250®, Powermax1650®, Powermax45®, Powermax65®, Powermax 85®, Powermax105®, Max200®, HT2000®, HySpeed®, HT2000®, HSD130®, HPR130XD®, HPR130®, HPR 260XD®, HPR260®, HPR400XD®, HT4400® are the registered trademarks of Hypertherm, Inc. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm® parts. Reference to Hypertherm® machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for HYPERTHTHERM®

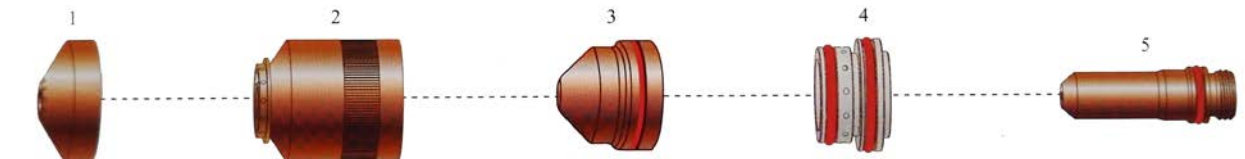
Max200/HT2000/HySpeed HT2000®



No.	Order No.	Ref. No.	Description
1	AW 020424	020424	Shield , Oxygen/Air N2 200A
	AW 020448	020448	Shield, Oxygen/Air 100A
	AW 220239	220239	Shield, Oxygen 200A
2	AW 020423*	020423	Retaining Cap, 100A/200A
	AW 220238*	220238	Retaining Cap, Oxygen 200A
3	AW 020608	020608	Nozzle, Air. Argon/ Hydrogen/N2 200A
	AW 020605	020605	Nozzle, Oxygen 200A
	AW 020611	020611	Nozzle, Air 100A
	AW 020616	020616	Nozzle, Oxygen 100A
	AW 220237	220237	Nozzle, Oxygen 200A

No.	Order No.	Ref. No.	Description
4	AW 020604*	020604	Swirl Ring, Oxygen 200A
	AW 020607*	020607	Swirl Ring, Air. Argon/ Hydrogen/N2 200A
	AW 220236*	220236	Swirl Ring, Oxygen 200A
5	AW 120667	120667	Electrode, Oxygen/ Air 40A/200A, replaces 120667(MAX200®/ HT2000®)
	AW 220021	220021	Electrode, Oxygen/ Air 40A/200A, replaces 220021(MAX200®/ HT2000®)
	AW 020415	020415	Electrode, Argon/ Hydrogen/N2 100A/200A
	AW 120547	120547	Electrode, Oxygen/Air 100A
	AW 220235	220235	Electrode, Oxygen 200A

HSD130®



No.	Order No.	Ref. No.	Description
1	AW220532	220532	Shield , 45A(Air)- 50A(O2)
	AW220536	220536	Shield, 130A(Air)
	AW220491	220491	Shield , 130A(O2)
2	AW220578*	220578	Retaining Cap
3	AW220529*	220529	Swirl Ring, 45A(Air)- 50A(O2)
	AW220488*	220488	Swirl Ring, 130A(Air)- 130A(O2)

No.	Order No.	Ref. No.	Description
4	AW220525	220525	Nozzle, 45A(Air)
	AW220530	220530	Nozzle, 50A(O2)
	AW220492	220492	Nozzle, 130A(Air)
5	AW220489	220489	Nozzle, 130A(O2)
	AW220528	220528	Electrode, 45A-50A
	AW220487	220487	Electrode, 130A

Declaration:
Hypertherm®, Powermax1250®, Powermax1650®, Powermax45®, Powermax65®, Powermax 85®, Powermax105®, Max200®, HT2000®, HySpeed®, HT2000®, HSD130®, HPR130XD®, HPR130®, HPR 260XD®, HPR260®, HPR400XD®, HT4400® are the registered trademarks of Hypertherm, Inc.. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm® parts. Reference to Hypertherm® machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for HYPERTHTHERM®

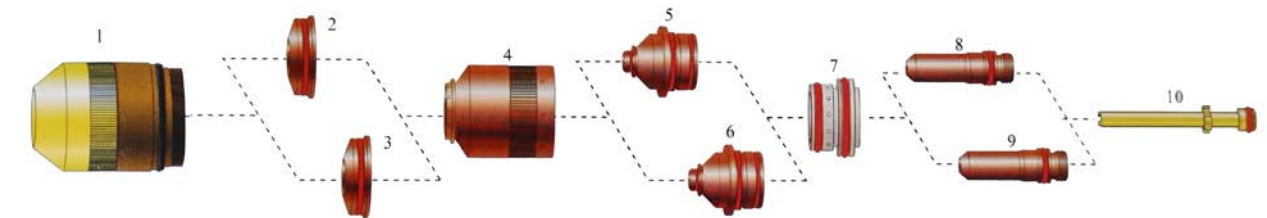
HPR130XD® Mild Steel/ Stainless Steel



No.	Order No.	Ref. No.	Description
1	AW220747	220747	Shield Cap 80A-130A
2	AW220189	220189	Shield 80A
	AW220338	220338	Shield 80A
3	AW220183	220183	Shield, 130A
	AW 220198	220198	Shield, 130A
4	AW220756	220756	Retaining Cap 80A-130A, 130A(N2)
	AW220755	220755	Retaining Cap 80A/130A(H35)
5	AW220188	220188	Nozzle, 80A
	AW220337	220337	Nozzle, 80A

No.	Order No.	Ref. No.	Description
6	AW220182	220182	Nozzle, 130A
	AW220197	220197	Nozzle, 130A
7	AW220179	220179	Swirl Ring, 80A-130A
8	AW220187	220187	Electrode, 80A
	AW220339	220339	Electrode 80A
9	AW220665	220665	Electrode, 130A
10	AW220181	220181	Electrode, 130A
	AW220307	220307	Electrode 130A
11	AW220340	220340	Water Tube

HPR130® Mild Steel/ Stainless Steel



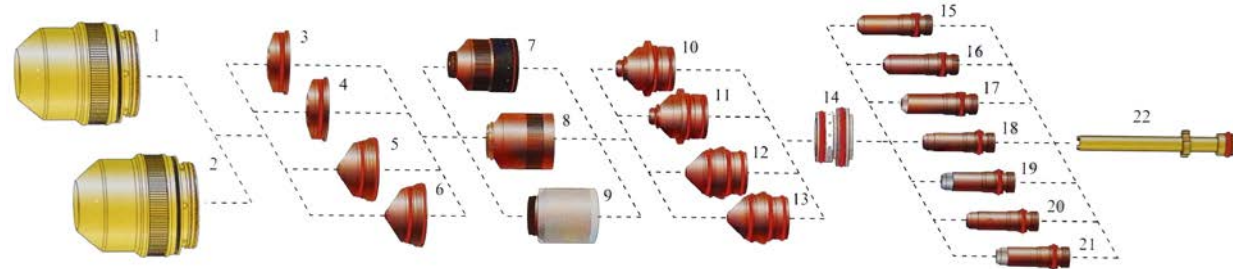
No.	Order No.	Ref. No.	Description
1	AW220173	220173	Shield Cap 80A-130A
2	AW220189	220189	Shield 80A
	AW220338	220338	Shield 80A
3	AW220183	220183	Shield, 130A
	AW220198	220198	Shield, 130A
4	AW220176	220176	Retaining Cap 80A-130A
	AW220304*	220304	Retaining Cap 130A(H35)
5	AW220188	220188	Nozzle, 80A
	AW220337	220337	Nozzle 80A

No.	Order No.	Ref. No.	Description
6	AW220182	220182	Nozzle, 130A
	AW220197	220197	Nozzle 130A
7	AW220179	220179	Swirl Ring
8	AW220187	220187	Electrode, 80A
9	AW220339	220339	Electrode 80A
	AW220181	220181	Electrode, 130A
10	AW220307	220307	Electrode 130A
	AW220340	220340	Water Tube

Declaration:
Hypertherm®, Powermax1250®, Powermax1650®, Powermax45®, Powermax65®, Powermax 85®, Powermax105®, Max200®, HT2000®, HySpeed®, HT2000®, HSD130®, HPR130XD®, HPR130®, HPR 260XD®, HPR260®, HPR400XD®, HT4400® are the registered trademarks of Hypertherm, Inc.. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm® parts. Reference to Hypertherm® machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for HYPERTHTHERM®

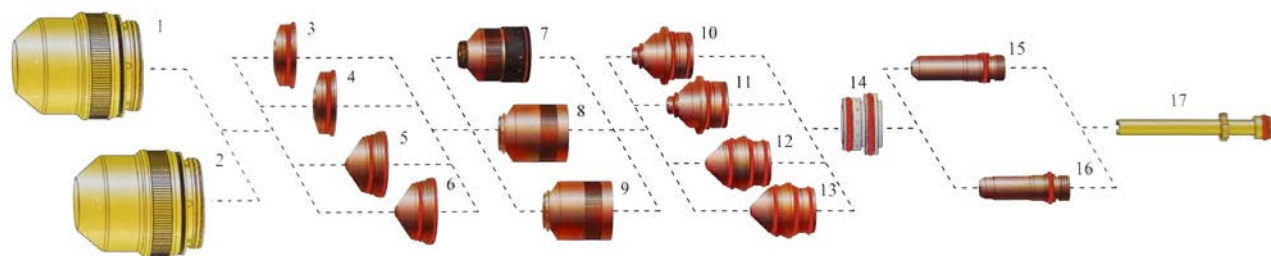
HPR260XD® Mild Steel



No.	Order No.	Ref. No.	Description
1	AW220747	220747	Shield Cap 80A-130A
2	AW220637	220637	Shield Cap 200A-260A
3	AW220189	220189	Shield 80A
4	AW220183	220183	Shield 130A
5	AW220761	220761	Shield 200A
6	AW220764	220764	Shield 260A
7	AW220756	220756	Retaining Cap 80A-130A
8	AW220757	220757	Retaining Cap 200A
9	AW220760	220760	Retaining Cap 260A
10	AW220188	220188	Nozzle, 80A
11	AW220182	220182	Nozzle, 130A
12	AW220354	220354	Nozzle, 200A

No.	Order No.	Ref. No.	Description
13	AW220439	220439	Nozzle, 260A
14	AW220179	220179	Swirl Ring 80A-130A
	AW220353	220353	Swirl Ring 200A
	AW220436	220436	Swirl Ring 260A
15	AW220187	220187	Electrode, 80A
16	AW220181	220181	Electrode, 130A
17	AW220665	220665	Electrode, 130A
18	AW220352	220352	Electrode, 200A
19	AW220666	220666	Electrode, 200A
20	AW220435	220435	Electrode, 260A
21	AW220668	220668	Electrode, 260A
22	AW220340	220340	Water Tube

HPR260XD® Stainless Steel



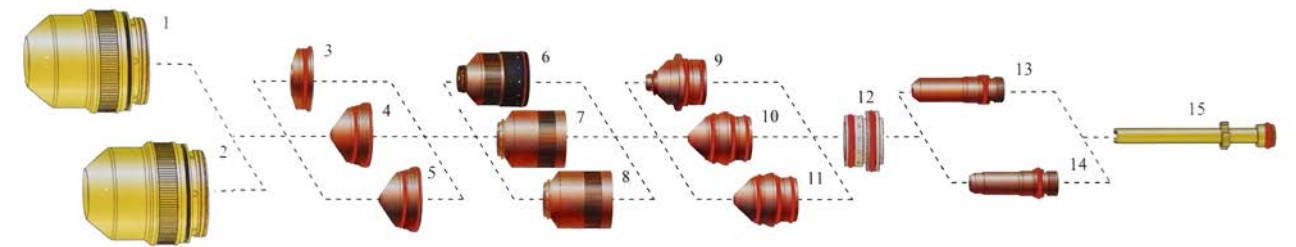
No.	Order No.	Ref. No.	Description
1	AW220747	220747	Shield Cap 80A-130A
2	AW220637	220637	Shield Cap 200A-260A
3	AW220338	220338	Shield 80A
4	AW220198	220198	Shield 130A
5	AW220762	220762	Shield 200A
6	AW220763	220763	Shield 260A
7	AW220755	220755	Retaining Cap 80A
8	AW220756	220756	Retaining Cap 130A(N2)
9	AW220758	220758	Retaining Cap 200A-260A
10	AW220337	220337	Nozzle, 80A

No.	Order No.	Ref. No.	Description
11	AW220197	220197	Nozzle, 130A
12	AW220343	220343	Nozzle, 200A
13	AW220406	220406	Nozzle, 260A
14	AW220179	220179	Swirl Ring 80A-130A
	AW220342	220342	Swirl Ring 200A
	AW220405	220405	Swirl Ring 260A
15	AW220339	220339	Electrode, 80A
16	AW220307	220307	Electrode, 130A-260A
17	AW220340	220340	Water Tube

Declaration:
Hypertherm®, Powermax1250®, Powermax1650®, Powermax45®, Powermax65®, Powermax 85®, Powermax105®, Max200®, HT2000®, HySpeed®, HT2000®, HSD130®, HPR130XD®, HPR130®, HPR 260XD®, HPR260®, HPR400XD®, HT4400® are the registered trademarks of Hypertherm, Inc. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm® parts. Reference to Hypertherm® machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for HYPERTHTHERM®

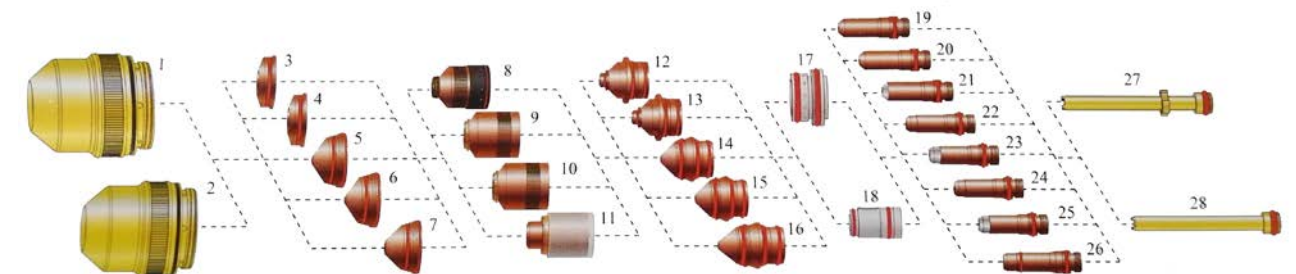
HPR260®



No.	Order No.	Ref. No.	Description
1	AW220173	220173	Shield Cap 80A-130A
2	AW220398	220398	Shield Cap 200A-260A
3	AW220189	220189	Shield 80A
	AW220183	220183	Shield 130A
	AW220338	220338	Shield 80A
4	AW220356	220356	Shield 200A
	AW220345	220345	Shield 200A
5	AW220440	220440	Shield 260A
	AW220407	220407	Shield 260A
6	AW220176	220176	Retaining Cap 80A-130A
	AW220304	220304	Retaining Cap 80A
7	AW220355	220355	Retaining Cap 200A
	AW220176	220176	Retaining Cap 130A(N2)
8	AW220433	220433	Retaining Cap 260A
	AW220344	220344	Retaining Cap 260A
9	AW220188	220188	Nozzle, 80A
	AW220182	220182	Nozzle, 130A

No.	Order No.	Ref. No.	Description
9	AW220337	220337	Nozzle, 80A
	AW220197	220197	Nozzle, 130A
10	AW220354	220354	Nozzle, 200A
	AW220343	220343	Nozzle, 200A
11	AW220439	220439	Nozzle, 260A
	AW220406	220406	Nozzle, 260A
12	AW220179	220179	Swirl Ring 80A-130A
	AW220353	220353	Swirl Ring 200A
	AW220436	220436	Swirl Ring 260A
13	AW220342	220342	Swirl Ring 200A
	AW220405	220405	Swirl Ring 260A
	AW220187	220187	Electrode, 80A
14	AW220181	220181	Electrode, 130A
	AW220339	220339	Electrode, 80A
	AW220352	220352	Electrode, 200A
15	AW220435	220435	Electrode, 260A
	AW220307	220307	Electrode, 130A-260A
15	AW220340	220340	Water Tube

HPR400XD® Mild Steel

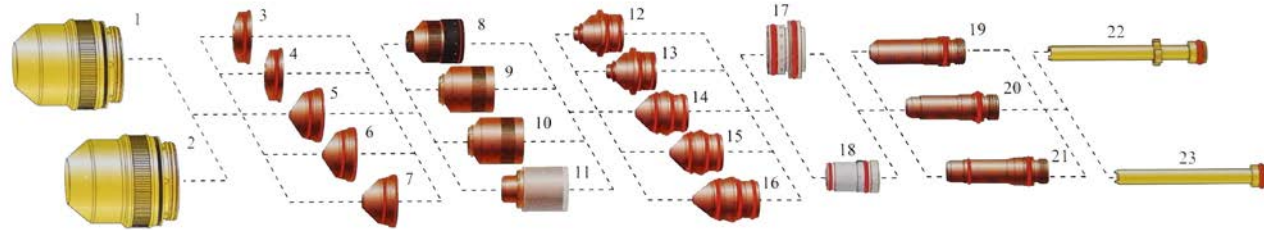


Declaration:
Hypertherm®, Powermax1250®, Powermax1650®, Powermax45®, Powermax65®, Powermax 85®, Powermax105®, Max200®, HT2000®, HySpeed®, HT2000®, HSD130®, HPR130XD®, HPR130®, HPR 260XD®, HPR260®, HPR400XD®, HT4400® are the registered trademarks of Hypertherm, Inc. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm® parts. Reference to Hypertherm® machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

No.	Order No.	Ref. No.	Description
1	AW220747	220747	Shield Cap 80A-130A
2	AW220637	220637	Shield Cap 200A-400A
3	AW220189	220189	Shield 80A
4	AW220183	220183	Shield 130A
5	AW220761	220761	Shield 200A
6	AW220764	220764	Shield 260A
7	AW220636	220636	Shield 400A
8	AW220756	220756	Retaining Cap 80A-130A
9	AW220757	220757	Retaining Cap 200A
10	AW220760	220760	Retaining Cap 260A
11	AW220635	220635	Retaining Cap 400A
12	AW220188	220188	Nozzle, 80A
13	AW220182	220182	Nozzle, 130A
14	AW220354	220354	Nozzle, 200A
15	AW220439	220439	Nozzle, 260A

No.	Order No.	Ref. No.	Description
16	AW220632	220632	Nozzle, 400A
17	AW220179	220179	Swirl Ring 80A-130A
	AW220353	220353	Swirl Ring 200A
	AW220436	220436	Swirl Ring 260A
18	AW220631	220631	Swirl Ring 400A
19	AW220187	220187	Electrode, 80A
20	AW220181	220181	Electrode, 130A
21	AW220665	220665	Electrode, 130A
22	AW220352	220352	Electrode, 200A
23	AW220666	220666	Electrode, 200A
24	AW220435	220435	Electrode, 260A
25	AW220668	220668	Electrode, 260A
26	AW220629	220629	Electrode, 400A
27	AW220340	220340	Water Tube
28	AW220571	220571	Water Tube

HPR400XD[®] Stainless Steel



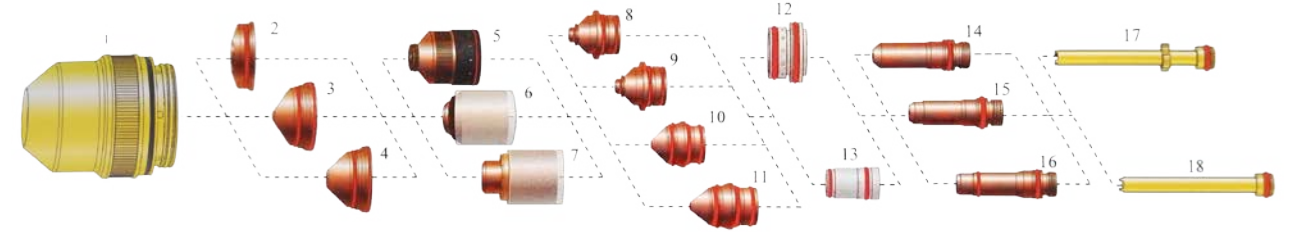
No.	Order No.	Ref. No.	Description
1	AW220747	220747	Shield Cap 80A-130A
2	AW220637	220637	Shield Cap 200A-400A
3	AW220338	220338	Shield 80A
4	AW220198	220198	Shield 130A
5	AW220762	220762	Shield 200A
6	AW220763	220763	Shield 260A
7	AW220707	220707	Shield 400A
8	AW220755	220755	Retaining Cap 80A
9	AW220756	220756	Retaining Cap 130A(N2)
10	AW220758	220758	Retaining Cap 200A-260A
11	AW220712	220712	Retaining Cap 400A
12	AW220337	220337	Nozzle, 80A

No.	Order No.	Ref. No.	Description
13	AW220197	220197	Nozzle, 130A
14	AW220343	220343	Nozzle, 200A
15	AW220406	220406	Nozzle, 260A
16	AW220708	220708	Nozzle, 400A
17	AW220179	220179	Swirl Ring 80A-130A
	AW220342	220342	Swirl Ring 200A
18	AW220405	220405	Swirl Ring 260A-400A
19	AW220339	220339	Electrode, 80A
20	AW220307	220307	Electrode, 130A-260A
21	AW220709	220709	Electrode, 400A
22	AW220340	220340	Water Tube
23	AW220571	220571	Water Tube

Declaration:
Hypertherm[®], Powermax1250[®], Powermax1650[®], Powermax45[®], Powermax65[®], Powermax 85[®], Powermax105[®], Max200[®], HT2000[®], HySpeed[®], HT2000[®], HSD130[®], HPR130XD[®], HPR130[®], HPR 260XD[®], HPR260[®], HPR400XD[®], HT4400[®] are the registered trademarks of Hypertherm, Inc.. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm[®]parts. Reference to Hypertherm[®]machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for HYPERTHERM[®]

HPR 400XD[®] Mild steel bevel



No.	Order No.	Ref. No.	Description
1	AW220637	220637	Shield cap
2	AW220742	220742	Shield, 80A-130A
3	AW220741	220741	Shield, 260A
4	AW220636	220636	Shield, 400A
5	AW220845	220845	Retaining cap, 80A
6	AW220740	220740	Retaining cap, 130A-260A
7	AW220635	220635	Retaining cap, 400A
8	AW220806	220806	Nozzle, 80A
9	AW220646	220646	Nozzle, 130A
10	AW220542	220542	Nozzle, 260A

No.	Order No.	Ref. No.	Description
11	AW220632	220632	Nozzle, 400A
12	AW220179	220179	Swirl ring, 80A-130A
	AW220436	220436	Swirl ring, 260A
13	AW220631	220631	Swirl ring, 400A
14	AW220802	220802	Electrode, 80A
15	AW220649	220649	Electrode, 130A
	AW220541	220541	Electrode, 200A
16	AW220629	220629	Electrode, 400A
17	AW220700	220700	Water tube
18	AW220571	220571	Water tube

HT4400[®]



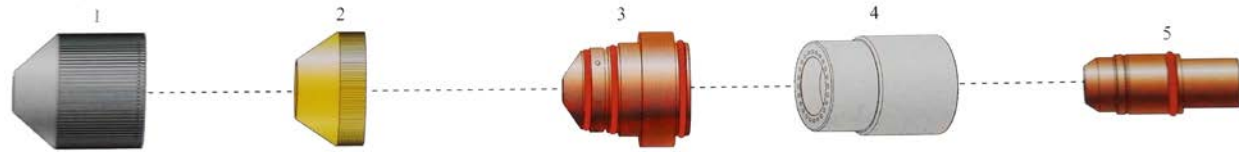
No.	Order No.	Ref. No.	Description
1	AW120786	120786	Shield Cap 100A-400A
	AW120907*	120907	Shield Cap 100A-400A (With HIS Tab)
	AW120984*	120984	Shield Cap 100A-400A (Underwater)
	AW120777	120777	Nozzle, Oxygen 100A
2	AW120778	120778	Nozzle, Oxygen 100A(CCW)
	AW120787	120787	Nozzle, Oxygen 200A
	AW120788	120788	Nozzle, Oxygen 200A(CCW)
	AW120794	120794	Nozzle, Oxygen 300A
	AW120795	120795	Nozzle, Oxygen 300A(CCW)
	AW120934	120934	Nozzle, Oxygen 400A
	AW120935	120935	Nozzle, Oxygen 400A(CCW)
	AW120794	120794	Nozzle, Nitrogen 200A
	AW120795	120795	Nozzle, Nitrogen 200A(CCW)
	AW120856*	120856	Nozzle, Nitrogen 400A
AW120857*	120857	Nozzle, Nitrogen 400A(CCW)	

No.	Order No.	Ref. No.	Description
3	AW120783*	120783	Swirl Ring, Oxygen 100A
	AW120784*	120784	Swirl Ring, Oxygen 100A(CCW)
	AW120791*	120791	Swirl Ring, Oxygen 200A
	AW120792*	120792	Swirl Ring, Oxygen 200A(CCW)
	AW120913*	120913	Swirl Ring, Oxygen 300A
4	AW120914*	120914	Swirl Ring, Oxygen 300A(CCW)
	AW120939*	120939	Swirl Ring, Oxygen 400A
	AW120940*	120940	Swirl Ring, Oxygen 400A(CCW)
	AW120853*	120853	Swirl Ring, Nitrogen 200A/400A
5	AW120854*	120854	Swirl Ring, Nitrogen 200A(CCW)/400A(CCW)
	AW120785	120785	Electrode, Oxygen 100A
	AW120793	120793	Electrode, Oxygen 200A
	AW120802	120802	Electrode, Oxygen 300A
	AW220412	220412	Electrode, Oxygen 200A/300A/400A
4	AW120810	120810	Electrode, Oxygen 400A
	AW120855*	120855	Electrode, Nitrogen 200A/400A
5	AW120025*	120025	Water Tube

Declaration:
Hypertherm[®], Powermax1250[®], Powermax1650[®], Powermax45[®], Powermax65[®], Powermax 85[®], Powermax105[®], Max200[®], HT2000[®], HySpeed[®], HT2000[®], HSD130[®], HPR130XD[®], HPR130[®], HPR 260XD[®], HPR260[®], HPR400XD[®], HT4400[®] are the registered trademarks of Hypertherm, Inc.. Beijing Aland Welding is in no way affiliated with above-named manufacturer and its trademarks. The parts advertised for sale are not genuine Hypertherm[®]parts. Reference to Hypertherm[®]machine, torches and numbers are for your convenience ONLY. Parts indicated with asterisk(*) are original parts.

Replacement Parts suitable for KOIKE® / KOMATSU®

KOIKE® Super400 Plus® Super400®



No.	Order No.	Ref. No.	Description
1	AW40016365*	40016365	Shield
	AW40020503	40020503	Shield
	AWPK031336	PK031336	Shield
2	AW40016366	40016366	Retaining Cap
	AWPK031332	PK031332	Retaining Cap
3	AW40017233	40017233	Nozzle 2.9R
	AW40017234	40017234	Nozzle 2.9L
	AWPK030061	PK030061	Nozzle 3.0R
	AWPK030063	PK030063	Nozzle 3.0L
	AWPK030060	PK030060	Nozzle 2.5R

No.	Order No.	Ref. No.	Description
3	AWPK030062	PK030062	Nozzle 2.5L
	AWPK030067	PK030067	Nozzle 2.3R
	AWPK030068	PK030068	Nozzle 2.3L
4	AW40001899*	40001899	Swirl Ring (R)
	AW40004567*	40004567	Swirl Ring (L)
	AWPK031204*	PK031204	Swirl Ring (R)
	AWPK031205*	PK031205	Swirl Ring (L)
5	AW40016358	40016358	Electrode
	AWPK031027	PK031027	Electrode

KOMATSU® G9150®



No.	Order No.	Ref. No.	Description
1	AW969-95-24750	969-95-24750	Shield Cap(W/O-Ring)
2	AW969-95-24141	969-95-24141	Ring
3	AW969-95-24310	969-95-24310	Electrode(W/O-Ring)

No.	Order No.	Ref. No.	Description
3	AW969-95-24190	969-95-24190	Tip Φ0.8
4	AW969-95-24180	969-95-24180	Tip Φ1.1
	AW969-95-24130	969-95-24130	Tip Φ1.3

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Replacement Parts suitable for KJELLBERG®

HiFocus 280/360/440®, PerCut 370.1®

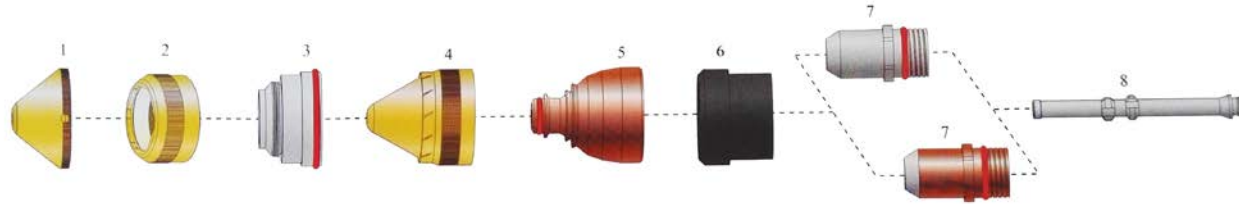


No.	Order No.	Ref. No.	Ref. No.	Description
1	AW11.835.201.081	11.835.201.081	Z501	Protection Cap
	AW11.835.201.1561	11.835.201.1561	Z4015	Swirl Gas Cap
2	AW11.835.201.1571	11.835.201.1571	Z4020	Swirl Gas Cap
	AW11.835.201.1551	11.835.201.1551	Z4022	Swirl Gas Cap
	AW11.835.201.1581	11.835.201.1581	Z4025	Swirl Gas Cap
	AW11.835.201.1591	11.835.201.1591	Z4030	Swirl Gas Cap
	AW11.835.401.1571	11.835.401.1571	Z4140	Swirl Gas Cap
	AW11.835.411.1581	11.835.411.1581	Z4530	Swirl Gas Cap
	AW11.835.411.1580	11.835.411.1580	Z4535	Swirl Gas Cap
	AW11.835.411.1591	11.835.411.1591	Z4540	Swirl Gas Cap
	AW11.835.411.1590	11.835.411.1590	Z4545	Swirl Gas Cap
	AW11.842.401.160	11.842.401.160	S3004	Nozzle Cap
	AW11.842.401.162	11.842.401.162	S3008	Nozzle Cap
	3	AW11.842.401.1622	11.842.401.1622	S3028
AW11.842.401.1624		11.842.401.1624	S3048	Nozzle Cap
AW11.842.401.1621		11.842.401.1621	S3018	Nozzle Cap
AW11.843.021.406		11.843.021.406	S2006X	Nozzle
AW11.843.021.407		11.843.021.407	S2007X	Nozzle
4	AW11.843.021.408	11.843.021.408	S2008X	Nozzle
	AW11.843.021.410	11.843.021.410	S2010X	Nozzle
	AW11.843.021.412	11.843.021.412	S2012X	Nozzle
	AW11.843.021.414	11.843.021.414	S2014X	Nozzle
	AW11.843.021.416	11.843.021.416	S2016X	Nozzle
	AW11.843.111.616	11.843.111.616	S2516X	Nozzle
	AW11.843.111.618	11.843.111.618	S2518X	Nozzle
	AW11.835.221.153	11.835.221.153	Z101*	Gas Guiding Cap
	AW11.835.221.154	11.835.221.154	Z102*	Gas Guiding Cap
	AW11.834.321.153	11.834.321.153	Z111*	Gas Guiding Cap
5	AW11.835.421.303	11.835.421.303	Z111A*	Distance Ring
	AW11.843.021.320	11.843.021.320	S002Y	Electrode
	AW11.843.121.310-AG	11.843.121.310-AG	S012X	Electrode, Ag
	AW11.842.411.510	11.842.411.510	S042	Electrode
6	AW11.842.511.510	11.842.511.510	S052	Electrode
	AW11.842.401.152	11.842.401.152	S901	Cooling Tub
7	AW11.842.401.152	11.842.401.152	S901	Cooling Tub

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Replacement Parts suitable for KJELLBERG®

HiFocus 280/360/440®, PerCut 370.2®

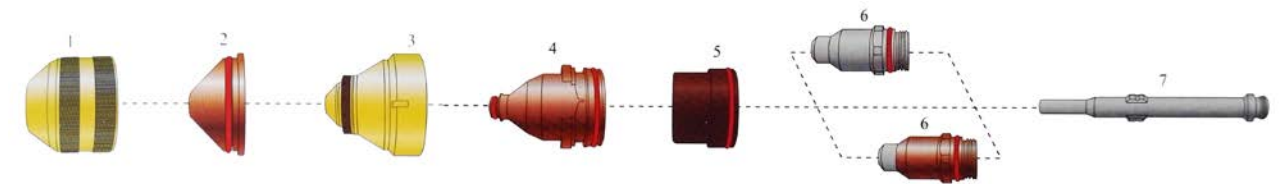


No.	Order No.	Ref. No.	Description
1	AW11.833.301.1550	11.833.301.1550	Swirl Gas Cap 3.0mm
	AW11.833.101.155	11.833.101.155	Swirl Gas Cap 3.5mm
	AW11.833.101.156	11.833.101.156	Swirl Gas Cap 4.0mm
	AW11.833.101.157	11.833.101.157	Swirl Gas Cap 4.5mm
	AW11.833.101.158	11.833.101.158	Swirl Gas Cap 5.0mm
	AW11.833.101.159	11.833.101.159	Swirl Gas Cap 6.0mm
2	AW11.833.111.159	11.833.111.159	Swirl Gas Cap 6.0mm
3	AW11.841.721.081	11.841.721.081	Protective Cap, PerCut370.2
4	AW11.836.921.271	11.836.921.271	Swirl Gas Nozzle, PerCut370.2
	AW11.836.901.163	11.836.901.163	Nozzle Cap (12x1.5 30°cw)
	AW11.836.901.164	11.836.901.164	Nozzle Cap (12x1.5 45°cw)
	AW11.836.901.1641	11.836.901.1641	Nozzle Cap (12x1.5 45°cw)
	AW11.836.901.165	11.836.901.165	Nozzle Cap (12x1.5 60°cw)
	AW11.836.901.1651	11.836.901.1651	Nozzle Cap (12x1.5 60°cw)
5	AW11.846.921.415	11.846.921.415	Cool Flow Nozzle, 1.5mm, 120A(i)
	AW11.846.921.420	11.846.921.420	Cool Flow Nozzle, 2.0mm, 200A(i)
	AW11.846.921.425	11.846.921.425	Cool Flow Nozzle, 2.5mm, 250A(i)
	AW11.846.921.427	11.846.921.427	Cool Flow Nozzle, 2.7mm, 300A(i)
	AW11.846.921.430	11.846.921.430	Cool Flow Nozzle, 3.0mm, 360A(i)
6	AW11.836.921.1542	11.836.921.1542	Swirl Ring (3x0.4 cw)
	AW11.836.921.153	11.836.921.153	Swirl Ring (6x0.8 cw)
	AW11.836.921.1531	11.836.921.1531	Swirl Ring (6x0.8 ccw)
	AW11.836.921.154	11.836.921.154	Swirl Ring (3x0.8 cw)
	AW11.836.921.1541	11.836.921.1541	Swirl Ring (3x0.6 ccw)
7	AW11.844.921.300	11.844.921.300	Silver Electrode
8	AW11.844.901.152	11.844.901.152	Cooling Tub

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Replacement Parts suitable for KJELLBERG®

Replacement Parts suitable for: HiFocus 280i/360i/440i®



No.	Order No.	Ref. No.	Ref. No.	Description
1	AW11.848.201.081	11.848.201.081	G501	Protective Cap
	AW11.848.401.081	11.848.401.081	G521	Protective Cap
2	AW11.848.201.1515	11.848.201.1515	G4015	Swirl Gas Cap
	AW11.848.201.1520	11.848.201.1520	G4020	Swirl Gas Cap
	AW11.848.201.1530	11.848.201.1530	G4030	Swirl Gas Cap
	AW11.848.201.1525	11.848.201.1525	G4025	Swirl Gas Cap
	AW11.848.201.1522	11.848.201.1522	G4022	Swirl Gas Cap
	AW11.848.401.1550	11.848.401.1550	G4350	Swirl Gas Cap
	AW11.848.401.1555	11.848.401.1555	G4355	Swirl Gas Cap
	AW11.848.401.1535	11.848.401.1535	G4335	Swirl Gas Cap (Stainless Steel)
	AW11.848.401.1545	11.848.401.1545	G4345	Swirl Gas Cap (Stainless Steel)
	AW11.848.401.1540	11.848.401.1540	G4340	Swirl Gas Cap (Stainless Steel)
	AW11.848.311.1530	11.848.311.1530	G4530	Swirl Gas Cap (Stainless Steel)
	AW11.848.311.1535	11.848.311.1535	G4535	Swirl Gas Cap (Stainless Steel)
3	AW11.848.201.1604	11.848.201.1604	G3004	Nozzle Cap
	AW11.848.201.1628	11.848.201.1628	G3028	Nozzle Cap
	AW11.848.401.1649	11.848.401.1649	G3249	Nozzle Cap
	AW11.848.401.1629	11.848.401.1629	G3229	Nozzle Cap
	AW11.848.401.1619	11.848.401.1619	G3219	Nozzle Cap
	AW11.848.401.1609	11.848.401.1609	G3209	Nozzle Cap
4	AW11.848.201.1608	11.848.201.1608	G3008	Nozzle Cap (Stainless Steel)
	AW11.848.221.406	11.848.221.406	G2006Y	Nozzle
	AW11.848.221.407	11.848.221.407	G2007Y	Nozzle

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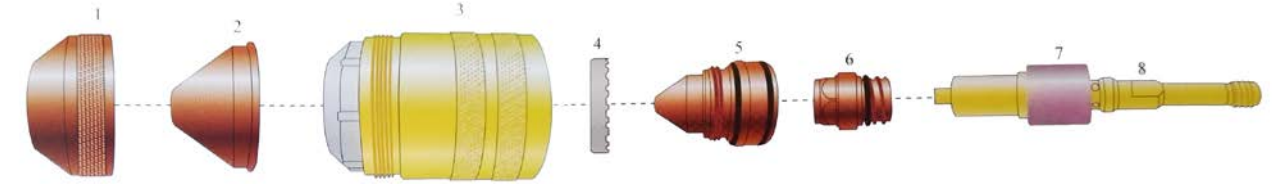
Replacement Parts suitable for KJELLBERG®

4	AW11.848.221.408	11.848.221.408	G2008Y	Nozzle
	AW11.848.221.410	11.848.221.410	G2010Y	Nozzle
	AW11.848.221.412	11.848.221.412	G2012Y	Nozzle
	AW11.848.221.414	11.848.221.414	G2014Y	Nozzle
	AW11.848.221.416	11.848.221.416	G2016Y	Nozzle
	AW11.848.421.426	11.848.421.426	G2326Y	Nozzle
	AW11.848.421.430	11.848.421.430	G2330Y	Nozzle
	AW11.848.421.431	11.848.421.431	G2331Y	Nozzle
	AW11.848.411.629	11.848.411.629	G2729	Nozzle
	AW11.848.411.625	11.848.411.625	G2725	Nozzle (Stainless Steel)
AW11.848.411.627	11.848.411.627	G2727	Nozzle (Stainless Steel)	
AW11.848.311.616	11.848.311.616	G2516	Nozzle (Stainless Steel)	
5	AW11.848.221.145	11.848.221.145	G101*	Swirl Ring
	AW11.848.221.146	11.848.221.146	G102*	Swirl Ring
	AW11.848.421.145	11.848.421.145	G121*	Swirl Ring
	AW11.848.421.149	11.848.421.149	G125*	Swirl Ring
6	AW11.848.221.149	11.848.221.149	G105*	Swirl Ring (Stainless Steel)
	AW11.848.221.300	11.848.221.300	G002Y	Silver Electrode
	AW11.848.221.310	11.848.221.310	G003Y	Silver Electrode
	AW11.848.421.310	11.848.421.310	G032Y	Silver Electrode
	AW11.848.421.330	11.848.421.330	G034Y	Silver Electrode
	AW11.848.411.500	11.848.411.500	G071Y	Silver Electrode
	AW11.848.211.510	11.848.211.510	G042Y	Silver Electrode (Stainless Steel)
7	AW11.848.311.510	11.848.311.510	G052Y	Silver Electrode (Stainless Steel)
	AW11.848.201.142	11.848.201.142	G901Y	Cooling Tub
	AW11.848.401.142	11.848.401.142	G931Y	Cooling Tub
	AW11.848.411.142	11.848.411.142	G971	Cooling Tub
	AW11.848.211.142	11.848.211.142	G941	Cooling Tub (Stainless Steel)

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Replacement Parts suitable for ESAB®

Replacement Parts suitable for: PT-36® Mild Steel

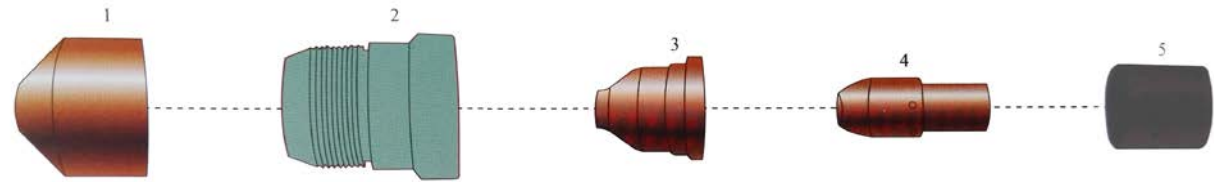


No.	Order No.	Ref. No.	Description
1	AW37081*	37081	Shield Retainer 50A-400A
	AW0558009548*	0558009548	Shield Retainer 450A
2	AW0558006130	0558006130	Shield 50A
	AW0558006141	0558006141	Shield 100A-260A
	AW0558006166	0558006166	Shield 300A-400A
	AW0558009551	0558009551	Shield 450A
3	AW037082*	037082	Nozzle Retainer 50A-400A
	AW0558009550*	0558009550	Nozzle Retainer 450A
4	AW21796*	21796	Diffuser 50A
	AW21944*	21944	Diffuser 100A-450A
5	AW0558006010	0558006010	Nozzle 50A
	AW0558006014	0558006014	Nozzle 100A
	AW0558006018	0558006018	Nozzle 130A
	AW0558006020	0558006020	Nozzle 200A
	AW0558006023	0558006023	Nozzle 260A
	AW0558006025	0558006025	Nozzle 300A
	AW0558006030	0558006030	Nozzle 360A
	AW0558006036	0558006036	Nozzle 400A
	AW0558006028	0558006028	Nozzle 450A
	6	AW0558005459	0558005459
AW0558003914		0558003914	Electrode 100A-300A
AW0558007791		0558007791	Electrode 360A-450A
7	AW0558005457*	0558005457	Baffle 50A
	AW0558002533*	0558002533	Baffle 100A-300A
	AW0558001625*	0558001625	Baffle 360A-450A
8	AW0558003924*	0558003924	Holder 50A-450A

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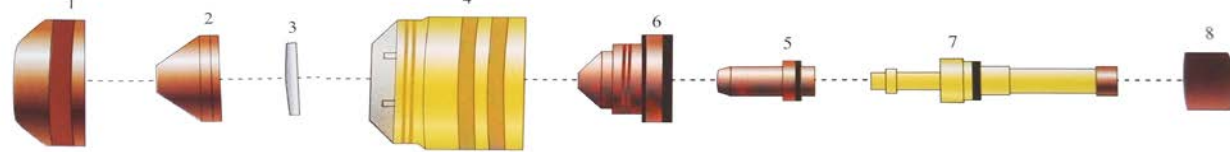
Replacement Parts suitable for ESAB®

Replacement Parts suitable for: PT-37®



No.	Order No.	Ref. No.	Description	No.	Order No.	Ref. No.	Description
1	AW0558006603	0558006603	Protection Cap 30A-40A	3	AW0558005219	0558005219	Nozzle 70A
	AW0558006602	0558006602	Protection Cap 50A-70A		AW0558004879	0558004879	Nozzle 100A
	AW0558006601	0558006601	Protection Cap 100A	4	AW0558005220	0558005220	Electrode 50A Standard
2	AW0558006600*	0558006600	Nozzle Retainer		AW0558004875	0558004875	Electrode 100A Longlife
	3	AW0558005218	0558005218	Nozzle 30A	5	AW0558005217*	0558005217
AW0558004878		0558004878	Nozzle 50A	AW0558004870*		0558004870	Swirl Ring 100A

Replacement Parts suitable for: PT-600®



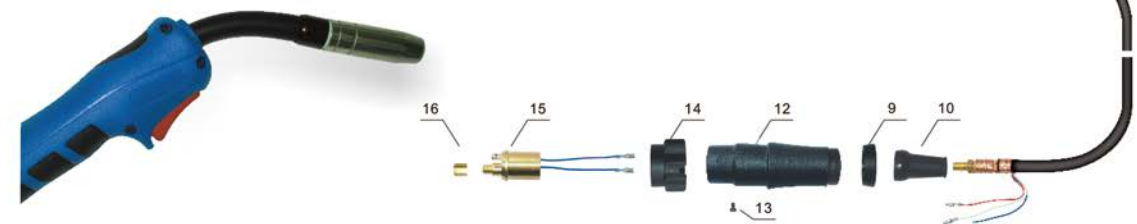
No.	Order No.	Ref. No.	Description	No.	Order No.	Ref. No.	Description	
1	AW37081	37081*	Shield Retainer	5	AW0058001884	0058001884	Nozzle 200A	
2	AW21802	21802	Shield 100A-250A		AW0558001623	0558001623	Nozzle 250A	
	AW21945	21945	Shield 360A		AW0558001885	0558001885	Nozzle 360A	
3	AW21944*	21944	Gas Diffuser 100A-360A	AW0558001886	0558001886	Nozzle 400A		
	AW22496*	22496	Gas Diffuser 100A-360A CCW	6	AW0558001624	0558001624	Electrode 250A-Cu	
4	AW37082*	37082	Nozzle Retainer Cap		AW0558002516	0558002516	Electrode 3 60A-Cu	
5	AW22030	22030	Nozzle Tip 150A	7	AW0558001621	0558001621	Electrode Holder	
	AW22031	22031	Nozzle Tip 200A		8	AW0558002533*	0558002533	Baffle gas swirl ring 4hole CW
	AW22028	22028	Nozzle base 100-200A			AW0558002534*	0558002534	Baffle gas swirl ring 4hole CCW
	AW0558001883	0558001883	Nozzle 150A			AW0558001625*	0558001625	Baffle gas swirl ring 4hole CW

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TORCH 15



Technical data
 Cooling: Gas Cooled
 Duty cycle 60%: 180Amp CO₂, 150Amp MIX
 Wire Size: Ø 0.6-1.0mm



Position	Code	Ref.	Description
1	ICS0063	145.0107	Gas nozzle Ø12mm 14-15
2	ICU0003-08	140.0059	Contact tip Ø0.8mm E-CU/M6x25mm
3	ICZ0087	002.0009	Torch head 15 including fitting
3.1	IZH0662	002.0078	Gas diffuser/15
3.2	IFT0808	002.0058	Nozzle spring 15
4	IZH0667	400.0014	Hexagonal fitting
5	IHJ0030	400.0044	Plastic body
6	ICV0757		MIG handle Blue/Grip
7	IHQ0070		Trigger
8	IFT0874		Screw M3x10mm
9	IHJ0715		Housing for handle
10	IHJ0782		Joint for 15
11	ICN0663	160.0065	Coaxial cable 16mm ² 3m
12	IHJ0703		Back box
13	IFT0063		Screw
14	IHJ0063		Adaptor nut
15	ITB0059	501.2155	Euro central adaptor body/air
16	IZT0071	501.0082	Liner nut
17	IIC0220		Brass terminal Ø4.0 x 2.0mm 0.35m
18	IIC0100	126.0005	Teflon liner Ø4.0 x 1.5mm 3m Blue
19	IIC0500	124.0011	Blue liner Ø0.6-0.8mm 3m
20	ICG6000	191.0001	Spanner for MIG torches

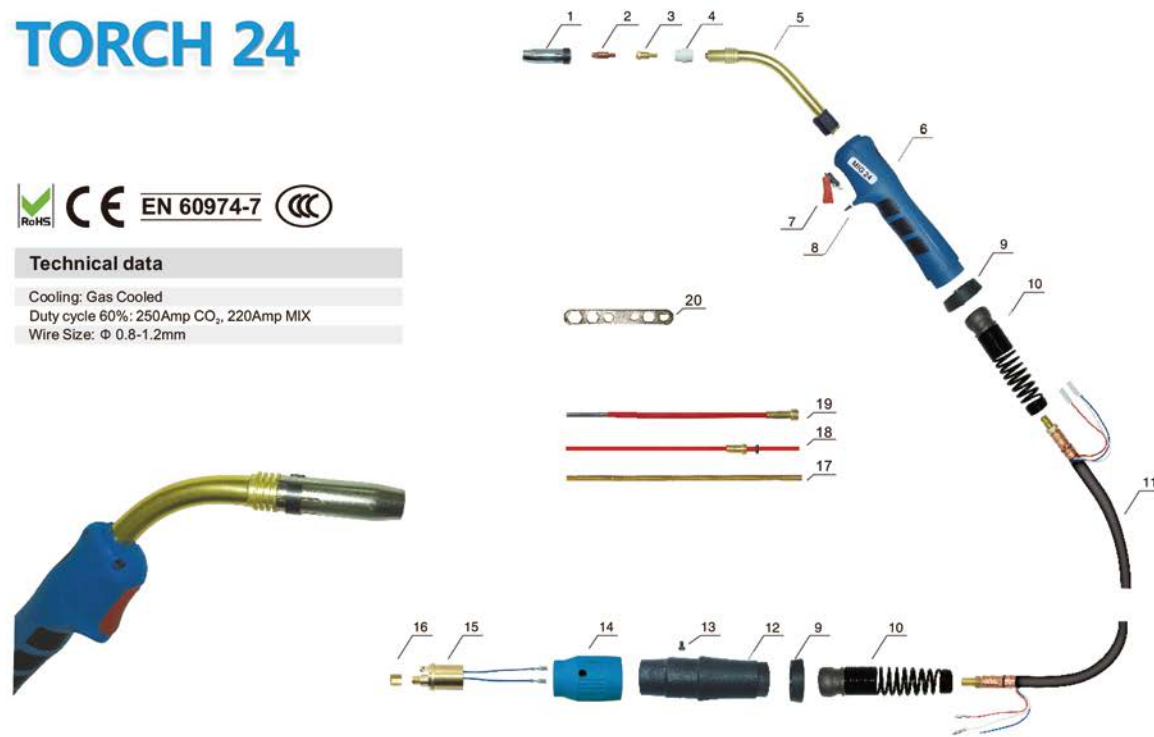
Complete Torch			
ICT2098-30	002.0514		MIG 15AK torch 3m euro adaptor
ICT2099-30	002.0515		MIG 15AK torch 4m euro adaptor
ICT2095-30	002.0516		MIG 15AK torch 5m euro adaptor

TORCH 24



Technical data

Cooling: Gas Cooled
Duty cycle 60%: 250Amp CO₂, 220Amp MIX
Wire Size: Φ 0.8-1.2mm



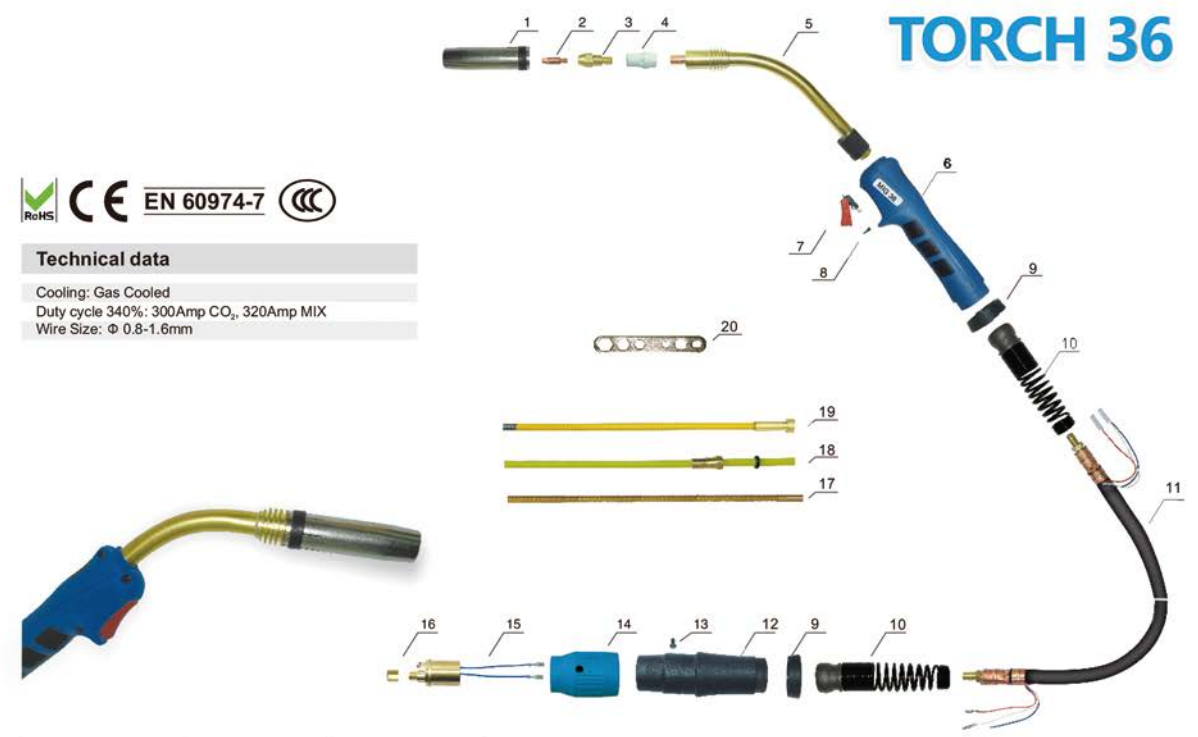
Position	Code	Ref.	Description
1	ICS0806	145.0080	Gas nozzle Φ 12.5mm
2	ICU0003-10	140.0242	Contact tip Φ 1.0mm E-CU/M6x25mm
3	ICU0683	142.0003	Contact tip Holder M6x26mm
4	ICF0539		White ceramic gas diffuser
5	ICZ0630	012.0001	Torch head 24
6	ICV0757		MIG handle Blue/Grip
7	IHQ0070	185.0031	Trigger
8	IFT0874		Screw M3x10mm
9	IHJ0715		Handle closing ring
10	IZH0864		Joint with spring
11	ICN0664	160.0128	Coaxial cable 25mm ² 3m
12	IHJ0703		Back box
13	IFT0063		Screw M4X6mm
14	IHJ0072		Adaptor nut
15	ITB0059	501.2155	Euro central adaptor body/air
16	IZT0071	501.0082	Liner nut
17	IIC0220		Brass terminal Φ 4.0 x 2.0mm 0.35m
18	IIC0160	126.0021	Teflon liner 4.0 x 2.0 3m Red
19	IIC0560	124.0026	Red liner Φ 1.0-1.2mm 3m
20	ICG6000	191.0001	Spanner for MIG torches
Complete Torch			
	ICT2698-30	012.0158	MIG 24 torch 3m euro adaptor
	ICT2699-30	012.0159	MIG 24 torch 4m euro adaptor
	ICT2695-30	012.0160	MIG 24 torch 5m euro adaptor

TORCH 36



Technical data

Cooling: Gas Cooled
Duty cycle 340%: 300Amp CO₂, 320Amp MIX
Wire Size: Φ 0.8-1.6mm



Position	Code	Ref.	Description
1	ICS0072	145.0078	Gas nozzle Φ 16mm
2	ICU0004-12	140.0379	Contact tip Φ 1.2mm E-CU/ M6x28mm
3	ICU0686	142.0011	Contact tip holder M6 32mm
4	ICF0562	014.0023	White ceramic gas diffuser
5	ICZ0089	014.0006	Torch head 36
6	ICV0757		MIG handle Blue/Grip
7	IHQ0070		Trigger
8	IFT0874		Screw M3x10mm
9	IHJ0715		Handle closing ring
10	IZH0864		Joint with spring
11	ICN0670	160.0364	Coaxial cable 3m
12	IHJ0703		Back box
13	IFT0063		Screw M4X6mm
14	IHJ0072		Adaptor nut
15	ITB0059	501.2155	Euro central adaptor body/air
16	IZT0071	501.0082	Liner nut
17	IIC0226		Brass terminal Φ 4.5x 3.0mm 0.35m
18	IIC0210	126.0039	Teflon liner Φ 3.0 x 4.5 3m Yellow
19	IIC0590	124.0041	Yellow liner Φ 1.2-1.6mm 3m
20	ICG6000	191.0001	Spanner for MIG torches
Complete Torch			
	ICT2998-30	014.0191	MIG 36KD torch 3m euro adaptor
	ICT2999-30	014.0192	MIG 36KD torch 4m euro adaptor
	ICT2995-30	014.0193	MIG 36KD torch 5m euro adaptor

TORCH 400/500

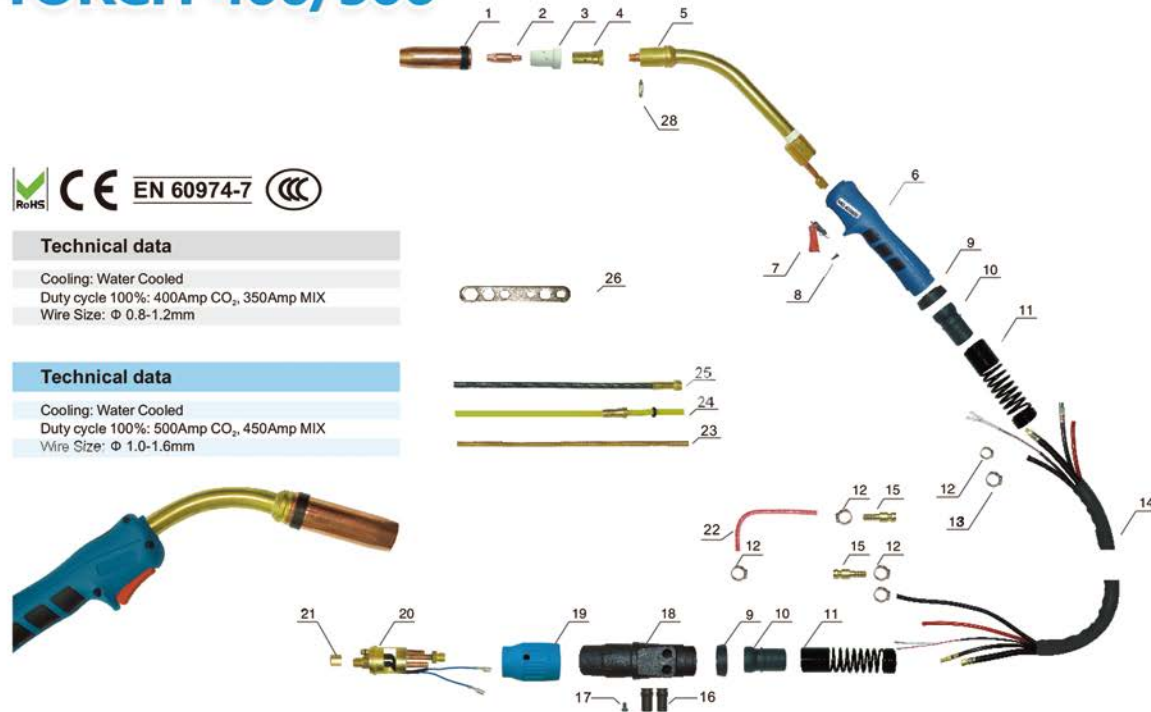


Technical data

Cooling: Water Cooled
Duty cycle 100%: 400Amp CO₂, 350Amp MIX
Wire Size: ϕ 0.8-1.2mm

Technical data

Cooling: Water Cooled
Duty cycle 100%: 500Amp CO₂, 450Amp MIX
Wire Size: ϕ 1.0-1.6mm



Position	Code	Ref.	Description
1	ICS0713	145.0085	Gas nozzle ϕ 16mm
2	ICU0005-12	140.0442	Contact tip ϕ 1.2 E-CU/M8x30mm
3	ICF0524	030.0190	White ceramic gas diffuser
4	ICF0021	142.0022	Contact tip holder M8x25mm;
5			Torch head
5.1	ICI0055	034.0001	Torch head 500
5.2	ICI0059	033.0001	Torch head 400
6	ICV0757		MIG handle Blue/Grip
7	IHQ0070		Trigger
8	IFT0874		Screw M3x10mm
9	IHJ0715		Housing for handle
10	IHJ0777		Joint for MIG handle
11	IFT0870		Spring cable support 400-500
12	IFT0734	171.0002	Clamp ϕ 8.7mm
13	IFT0737	173.0001	Clamp ϕ 9.5mm
14	ICD0067		Cable assembly 3m 400-500
15	IZT8070	501.0114	Quick connector water ϕ 6mm
16	IFT0764		Hose support for water cooled rear box
17	IFT0063		Screw M4x6mm
18	IHJ0763		Back box for water cooled torches
19	IHJ0072		Adaptor nut
20	ITB0057	501.2156	Water euro central adaptor body
21	IZT0071	501.0082	Liner nut
22	IKH0605	103.0108	Output water tube ϕ 5x8mm 0.8m Red
23	IIC0226		Brass liner ϕ 4.5x 3.0mm 0.35m
24	IIC0210	126.0039	Teflon liner ϕ 4.5x3.0mm 3m Yellow
25	IIC0580	122.0056	Steel liner ϕ 1.2-1.6mm 3m
26	ICG6000	191.0001	Spanner for MIG torches
27	IZH6723	030.0019	Insulator 401D-501D
Complete Torch			
	ICH2298-30	033.0193	MIG 401D torch 3m euro adaptor
	ICH2299-30	033.0182	MIG 401D torch 4m euro adaptor
	ICH2295-30	033.0194	MIG 401D torch 5m euro adaptor
	ICH2398-30	034.0292	MIG 501D torch 3m euro adaptor
	ICH2399-30	034.0293	MIG 501D torch 4m euro adaptor
	ICH2395-30	034.0294	MIG 501D torch 5m euro adaptor



Technical data
Cooling: Gas Cooled
Duty35%DC: 110AMP
Duty35%AC: 95AMP
Electrode Size: 0.5-1.6mm



TIG TORCH 9

Complete torch-EURO

Code	Ref.	Description	Pack
IOH6306		Torch sintig 9F 8m M12x1	1
IOH6906		Torch sintig 9F 4m M12x1	1
IOH7306		Torch dubtig 9F 8m M12x1	1
IOH7906		Torch dubtig 9F 4m M12x1	1
IOT6306		Torch sintig 9 8m M12x1	1
IOT6906		Torch sintig 9 4m M12x1	1
IOT7306		Torch dubtig 9 8m M12x1	1
IOT7906		Torch dubtig 9 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOH6307		Torch sintig 9F 8m 3/8G	1
IOH6907		Torch sintig 9F 8m 3/8G	1
IOH7307		Torch dubtig 9F 8m 3/8G	1
IOH7907		Torch dubtig 9F 8m 3/8G	1
IOT6307		Torch sintig 9 8m 3/8G	1
IOT6907		Torch sintig 9 8m 3/8G	1
IOT7307		Torch dubtig 9 8m 3/8G	1
IOT7907		Torch dubtig 9 8m 3/8G	1

Complete torch-USA

Code	Ref.	Description	Pack
IOH6372		Torch sintig 9F 8m 5/8-18	1
IOH6972		Torch sintig 9F 4m 5/8-18	1
IOH7372		Torch dubtig 9F 8m 5/8-18	1
IOH7972		Torch dubtig 9F 4m 5/8-18	1
IOT6372		Torch sintig 9 8m 5/8-18	1
IOT6972		Torch sintig 9 4m 5/8-18	1
IOT7372		Torch dubtig 9 8m 5/8-18	1
IOT7972		Torch dubtig 9 4m 5/8-18	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOH7106		Torch four switches 9F 4m M12x1	1
IOH7406		Torch dubtig 9F 8m M12x1	1
IOH7506		Torch dubtig 9F 4m M12x1	1
IOH8006		Torch four switches 9F 8m M12x1	1
IOT7106		Torch four switches 9 4m M12x1	1
IOT7406		Torch dubtig 9 8m M12x1	1
IOT7506		Torch dubtig 9 4m M12x1	1
IOT8006		Torch four switches 9 8m M12x1	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOS9306		Torch TIG 9V 8m M12x1	1
IOS9906		Torch TIG 9V 4m M12x1	1
IOU9306		Torch autoTIG 9 8m M12x1	1
IOU9906		Torch autoTIG 9 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOS9307		Torch TIG 9V 8m 3/8G	1
IOS9907		Torch TIG 9V 4m 3/8G	1
IOU9307		Torch autoTIG 9 8m 3/8G	1
IOU9907		Torch autoTIG 9 4m 3/8G	1

TIG TORCH 17



Epdm



M12 x 1



3/8G

Technical data

Cooling: Gas Cooled
Duty35%DC: 140AMP
Duty35%AC: 125AMP
Electrode Size: 0.5-2.4mm



Epdm



5/8" 18 UNF R



Leather



M12 x 1



Leather



Epdm



M12 x 1



Epdm



3/8G

Complete torch-EURO

Code	Ref.	Description	Pack
IOI6306		Torch sintig 17F 8m M12x1	1
IOI6906		Torch sintig 17F 4m M12x1	1
IOI7306		Torch dubtig 17F 8m M12x1	1
IOI7906		Torch dubtig 17F 4m M12x1	1
IOZ6306		Torch sintig 17 8m M12x1	1
IOZ6906		Torch sintig 17 4m M12x1	1
IOZ7306		Torch dubtig 17 8m M12x1	1
IOZ7906		Torch dubtig 17 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOI6307		Torch sintig 17F 8m 3/8G	1
IOI6907		Torch sintig 17F 4m 3/8G	1
IOI7307		Torch dubtig 17F 8m 3/8G	1
IOI7907		Torch dubtig 17F 4m 3/8G	1
IOZ6307		Torch sintig 17 8m 3/8G	1
IOZ6907		Torch sintig 17 4m 3/8G	1
IOZ7307		Torch dubtig 17 8m 3/8G	1
IOZ7907		Torch dubtig 17 4m 3/8G	1

Complete torch-USA

Code	Ref.	Description	Pack
IOI6372		Torch sintig 17F 8m 5/8-18	1
IOI6972		Torch sintig 17F 4m 5/8-18	1
IOI7372		Torch dubtig 17F 8m 5/8-18	1
IOI7972		Torch dubtig 17F 4m 5/8-18	1
IOZ6372		Torch sintig 17 8m 5/8-18	1
IOZ6972		Torch sintig 17 4m 5/8-18	1
IOZ7372		Torch dubtig 17 8m 5/8-18	1
IOZ7972		Torch dubtig 17 4m 5/8-18	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOI7106		Torch four switches 17F 4m M12x1	1
IOI7406		Torch dubtig 17F 8m M12x1	1
IOI7506		Torch dubtig 17F 4m M12x1	1
IOI8006		Torch four switches 17F 8m M12x1	1
IOZ7106		Torch four switches 17 4m M12x1	1
IOZ7406		Torch dubtig 17 8m M12x1	1
IOZ7506		Torch dubtig 17 4m M12x1	1
IOZ8006		Torch four switches 17 8m M12x1	1

Complete torch-EURO

Code	Ref.	Description	Pack
ION9306		Torch TIG 17V 8m M12x1	1
ION9906		Torch TIG17V 4m M12x1	1
IOF9306		Torch autoTIG 17 8m M12x1	1
IOF9906		Torch autoTIG 17 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
ION9307		Torch TIG 17V 8m 3/8G	1
ION9907		Torch TIG 17V 4m 3/8G	1
IOF9307		Torch autoTIG 17 8m 3/8G	1
IOF9907		Torch autoTIG 17 4m 3/8G	1

TIG TORCH 18



Epdm



1/4G



M12 x 1



3/8G

Technical data

Cooling: Water Cooled
Duty100%DC: 320AMP
Duty100%AC: 240AMP
Electrode Size: 0.5-4mm



3/8G



3/8G



3/8G



Leather



1/4G



M12 x 1



3/8G



Leather



1/4G



M12 x 1



3/8G



Epdm



Epdm

Complete torch-EURO

Code	Ref.	Description	Pack
IOB6306		Torch sintig 18 8m M12x1	1
IOB6906		Torch sintig 18 4m M12x1	1
IOB7306		Torch dubtig 18 8m M12x1	1
IOB7906		Torch dubtig 18 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOB6307		Torch sintig 18 8m 3/8G	1
IOB6907		Torch sintig 18 4m 3/8G	1
IOB7307		Torch dubtig 18 8m 3/8G	1
IOB7907		Torch dubtig 18 4m 3/8G	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOB7106		Torch four switches 18 4m M12x1	1
IOB7406		Torch dubtig 18 8m M12x1	1
IOB7506		Torch dubtig 18 4m M12x1	1
IOB8006		Torch four switches 18 8m M12x1	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOY9306		Torch TIG 18V 8m	1
IOY9906		Torch TIG 18V 4m	1
IOG9306		Auto TIG 18 8m	1
IOG9906		Auto TIG 18 4m	1

TIG TORCH 26



Epdm



M12 x 1

Technical data

Cooling: Gas Cooled
Duty35%DC: 180AMP
Duty35%AC: 130AMP
Electrode Size: 0.5-4mm



3/8G



Epdm



5/8" 18 UNF R



Leather



M12 x 1



Leather



Epdm



M12 x 1



Epdm



3/8G

Complete torch-EURO

Code	Ref.	Description	Pack
IOR6306		Torch sintig 26F 8m M12x1	1
IOR6906		Torch sintig 26F 4m M12x1	1
IOR7306		Torch dubtig 26F 8m M12x1	1
IOR7906		Torch dubtig 26F 4m M12x1	1
IOW6306		Torch sintig 26 8m M12x1	1
IOW6906		Torch sintig 26 4m M12x1	1
IOW7306		Torch dubtig 26 8m M12x1	1
IOW7906		Torch dubtig 26 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOR6307		Torch sintig 26F 8m 3/8G	1
IOR6907		Torch sintig 26F 8m 3/8G	1
IOR7307		Torch dubtig 26F 8m 3/8G	1
IOR7907		Torch dubtig 26F 8m 3/8G	1
IOW6307		Torch sintig 26 8m 3/8G	1
IOW6907		Torch sintig 26 8m 3/8G	1
IOW7307		Torch dubtig 26 8m 3/8G	1
IOW7907		Torch dubtig 26 8m 3/8G	1

Complete torch-USA

Code	Ref.	Description	Pack
IOR6372		Torch sintig 26F 8m 5/8-18	1
IOR6972		Torch sintig 26F 4m 5/8-18	1
IOR7372		Torch dubtig 26F 8m 5/8-18	1
IOR7972		Torch dubtig 26F 4m 5/8-18	1
IOW6372		Torch sintig 26 8m 5/8-18	1
IOW6972		Torch sintig 26 4m 5/8-18	1
IOW7372		Torch dubtig 26 8m 5/8-18	1
IOW7972		Torch dubtig 26 4m 5/8-18	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOR7106		Torch four switches 26F 4m M12x1	1
IOR7406		Torch dubtig 26F 8m M12x1	1
IOR7506		Torch dubtig 26F 4m M12x1	1
IOR8006		Torch four switches 26F 8m M12x1	1
IOW7106		Torch four switches 26 4m M12x1	1
IOW7406		Torch dubtig 26 8m M12x1	1
IOW7506		Torch dubtig 26 4m M12x1	1
IOW8006		Torch four switches 26 8m M12x1	1

Complete torch-EURO

Code	Ref.	Description	Pack
IOC9306		Torch TIG 26V 8m M12x1	1
IOC9906		Torch TIG26V 4m M12x1	1
IOD9306		Torch autotig 26 8m M12x1	1
IOD9906		Torch autotig 26 4m M12x1	1

Complete torch-UK

Code	Ref.	Description	Pack
IOC9307		Torch TIG 26V 8m 3/8G	1
IOC9907		Torch TIG 26V 4m 3/8G	1
IOD9307		Torch autotig 26 8m 3/8G	1
IOD9907		Torch autotig 26 4m 3/8G	1

Electrode Holder / Earth Clamp



AC200A
AC300A
AC500A
AC800A



AC300AC
AC500AC



HL300A
HL500A



HL300AC
HL500AC



JP300A
JP500A



JP300AC
JP500AC



KR300A
KR500A



G300AC
G500AC

Gouging Torch



K3000
(600A)



K4000
(1000A)



K5000
(1250A)



Flair 2
(600A)



Flair 2
(600A)



Flair
1600
(1600A)

Welding Cable

Welding Machine Power Cable



Application:

For various welding machines, wire feeding machines, connecting wires and grounding, secondary side wires of welding.

Description:

Conductor: highly purified anaerobic copper wire

Sheath: Rubber

Color: Black, Orange

Features: wearable, heat resistant, anti-aging and longer service life.

Insulated Nominal Cross Section area	Conductor wire Dia./qty. (mm/pcs)	AVG Outer Overall Diameter (MM)		Max. Conductor Resistance at 20°C (Ω/km)	
		Min.	Max.	Tin coated	Without Tinned
16	0.20/512	9.2	11.5	1.190	1.160
25	0.20/800	10.5	13.0	0.780	0.758
35	0.20/1120	11.5	14.5	0.552	0.536
50	0.20/1600	13.5	17.0	0.390	0.379
70	0.20/2240	15.5	19.5	0.276	0.268
95	0.20/3040	18.0	22.0	0.204	0.198

MIG/MAG Welding Torch Cable



Application:

For CO2 / MAG Welding Torch

Description:

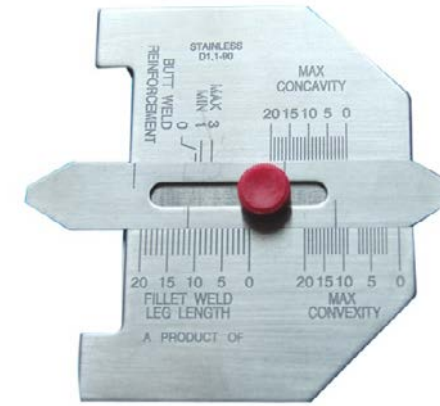
Construction: inner type + conductor + the control wire + sheath

Conductor: highly purified anaerobic copper wire.

Sheath: Rubber

Model	Inner Pipe (MM)	Control Wire		Conductor wire Dia./qty. (mm/pcs)	Isolation Layer (MM)	Sheath Thickness (MM)	AVG Overall Diameter (MM)	Max. Conductor Resistance at 20°C (Ω/km)
		Qty(pcs)	Size(mm)					
18	8x1	2	0.35	0.165/828	0.08	2.0	15.5±0.3	0.962
22	8x1	2	0.35	0.165/1012	0.08	2.0	16.2±0.3	0.837
25	8x1	2	0.35	0.165/1150	0.08	2.0	16.5±0.3	0.758
25	10x1	2	0.5	0.165/1150	0.08	2.0	17.5±0.5	0.758
35	10x1	2	0.5	0.165/1610	0.08	2.0	18.5±0.3	0.536
37	10x1	2	0.5	0.165/1702	0.08	2.0	18.8±0.5	0.504
43	10x1	2	0.75	0.165/1978	0.08	2.0	19.5±0.3	0.445
50	10x1	2	0.75	0.165/2300	0.08	2.0	19.8±0.3	0.379
56	10x1	2	0.75	0.165/2576	0.08	2.0	20.3±0.3	0.313
65	10x1	2	0.75	0.165/2990	0.08	2.0	21.5±0.5	0.248

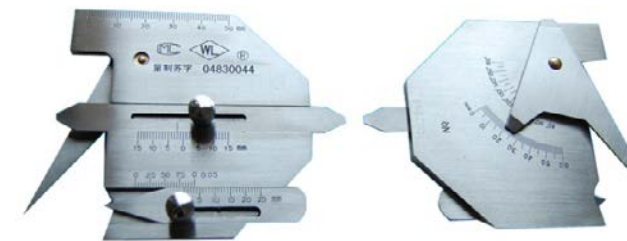
Welding Gauge



Fillet Gauge



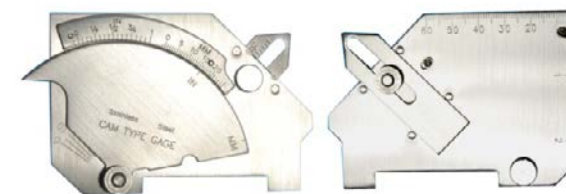
HFG11



HFG60



HFG40



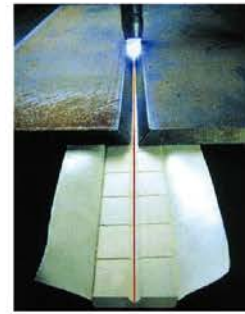
HFG-8



Level Gauge

Waterproof Welding Ceramic Backing

Suitable for Gas Metal Arc Welding (GMAW) and Sub-merged Arc Welding (SAW) of V-shape, X-shape, T-shape joints of metal structures in shipyard, off-shore building, heavy industries etc.



Main Specification

LT06, Dia.8, 9, 10, 12, 15, 20		LT05	
LT05T		LT00	
LT02		LT100R, 150R, 200R, 300R	
LT2W		LT020	

Characteristics:

- Very smooth finish;
- Good water-proof property;
- Makes one side welding both sides beads shaped in fine quality;
- Improvement of working efficiency;
- Cost saving;
- Omitting backside gouging and root passes.

*Note: Other specification can be available as your requirements.

Fiberglass Welding Backing Tape

Our product can improve your welding technique. It can make the bottom welding joints more smoothly after welding operation.

Our product is major made form two sides of Aluminum tape and high temperature resistant fibreglass fabric tape. It is very soft, so it can wonderfully fit the bottom of the joints.

It doesn't need to be customized, because the size can be free cut. And it can be split joint to shaped form. Also it can be used in wide way to ensure the nice shape of the weld bead.



Specification:

Item No.	Size			Service Temperature
	Aluminum width	Fiberglass tape width	Roll length	
FWB29	120mm	29mm	10m	550°C
			30m	
FWB38	130mm	38mm	10m	
			30m	

Notice:

This product is suitable for the structural steel welding, stainless steel welding and so on.

Suggest weldment root face from 0mm to 1mm; welding gap between 1mm and 3mm.

For Metal Active Gas Welding, the recommended ampere should from 170A to 190A. So that it can achieve better welding affect.

The weldment can be removed more easily when it is still warm after welding.

Using Method:



Stick on Work



Welding Process

Welding Effect



Not Use BackingTape:
Looks Bad



Use Backing Tape:
Front Effect



Use Backing Tape:
Back Effect

Gouging Carbon Rods

DC Pointed Type



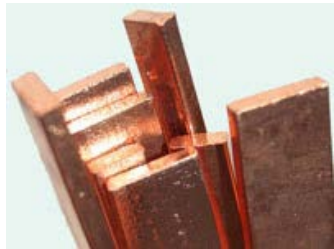
Size		Current (A)
3.2x305(355)	1/8x12'(14')	130-180
4x305(355)	5/32x12'(14')	150-200
5x305(355)	3/16x12'(14')	200-250
6x305(355)	15/64x12'(14')	300-350
6.5x305(355)	1/4x12'(14')	320-370
7x305(355)	9/32x12'(14')	350-400
8x305(355)(455)(510)	5/16x12'(14')(18')(20')	400-450
9x305(355)(455)(510)	23/64x12'(14')(18')(20')	450-500
10x305(355)(455)(510)	3/8x12'(14')(18')(20')	500-550
11x305(355)(455)(510)	7/16x12'(14')(18')(20')	600-650
12x305(355)(455)(510)	15/32x12'(14')(18')(20')	750-850
13x305(355)(455)(510)	1/2x12'(14')(17')(20')	800-1000
16x305(355)(455)(510)	5/8x12'(14')(17')(20')	1000-1200
19x305(355)(455)(510)	3/4x12'(14')(17')(20')	1200-1400
25x305(355)(455)(510)	1x12'(14')(17')(20')	1400-1600

DC Jointed Type



Size		Current (A)
6.5x355	1/4x14'	450-500
8x355(430)	5/16x14'(17')	500-550
9x355(430)	23/64x14'(17')	550-600
10x355(430)(455)(510)	3/8x14'(17')(18')(20')	600-650
11x355(430)(455)(510)	7/16x14'(17')(18')(20')	650-700
12x355(430)(455)(510)	15/32x14'(17')(18')(20')	700-800
13x355(430)(455)(510)	1/2x14'(17')(18')(20')	800-1000
16x355(430)(455)(510)	5/8x14'(17')(18')(20')	1000-1200
19x355(430)(455)(510)	3/4x14'(17')(18')(20')	1200-1400
15x355(430)(455)(510)	1x14'(17')(18')(20')	1400-1600

DC Flat Type



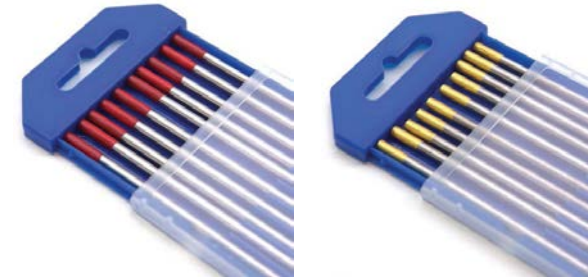
Size		Current (A)
3x25x355	1/8x1x14'	300-350
4x12x355	5/32x15/32x14'	200-250
5x10x355	3/16x25/64x14'	250-300
5x12x355	3/16x15/32x14'	300-350
5x15x355(305)	3/16x19/32x14'(12')	350-400
5x18x355	3/16x45/64x14'	400-150
5x20x355	3/16x25/32x14'	450-500
5x25x355	3/16x63/64x14'	500-550
6x20x355	15/64x25/32x14'	550-600

DC Half-Round Type



Size		Current (A)
8x4x355	5/16x5/32x14'	200-250
10x5x355	3/8x3/16x14'	300-350
13x6.5x355	1/2x1/4x14'	400-450
16x8x355(510)	5/8x5/16x14'(20')	550-600
19x9.5x355(510)	3/4x3/8x14'(20')	600-650

Tungsten Electrode



TIG welding electrodes usually contain small quantities of metallic oxides, which can offer the following benefits:

- Capacity of the electrodes
- Increase arc stability
- Improve current carrying
- Facilitate arc starting
- Reduce the risk of weld
- Increase electrode life contamination

Oxides used are primarily zirconium, thorium, lanthanum or cerium. Additions are usually 1%-4%. These oxides greatly improve arc initiation, especially when direct current(DC) welding is applied. Thorium oxide (thoria) has been used for many years, having been found effective in terms of long life and thermal efficiency. Zirconium oxide (zirconia) has been commonly used for alternating (AC) TIG welding, normally for welding aluminum.

ISO 6848 COLOR CHART	Gold AWS A5.12 EWLA-1.5 ISO 6848 WL15	White AWS A5.12 None ISO 6848 WZ8	Red AWS A5.12 EWTH-2 ISO 6848 WT20	Green AWS A5.12 EWP ISO 6848 WP	Gray AWS A5.12 EWCE-2 ISO 6848 WC20
TYPE	1.5% Lanthanated tungsten: Lowest erosion rate, wide current range, no spitting, best DC arc starts and stability	0.8% Zirconiated tungsten: Balls well, handles higher current with less spitting, better arc starts and arc stability than pure tungsten.	2% Thoriated tungsten: Best stability at medium currents, good arc starts, medium tendency to spit, medium erosion rate.	Pure tungsten: Balls easily, low cost, tends to spit at higher currents, used for non-critical welds only.	2% Ceriated tungsten: Low erosion rate, wide current range, AC or DC, no pitting, consistent arc starts, good stability.
SIZE	1/16x7" (1.6mmx175mm) 3/32x7"(2.4mmx175mm) 1/8x7"(3.2mmx175mm) 5/32x7"(4.0mmx175mm)	1/16x7" (1.6mmx175mm) 3/32x7"(2.4mmx175mm) 1/8x7"(3.2mmx175mm) 5/32x7"(4.0mmx175mm)	1/16x7" (1.6mmx175mm) 3/32x7"(2.4mmx175mm) 1/8x7"(3.2mmx175mm) 5/32x7"(4.0mmx175mm)	1/16x7" (1.6mmx175mm) 3/32x7"(2.4mmx175mm) 1/8x7"(3.2mmx175mm) 5/32x7"(4.0mmx175mm)	1/16x7" (1.6mmx175mm) 3/32x7"(2.4mmx175mm) 1/8x7"(3.2mmx175mm) 5/32x7"(4.0mmx175mm)

MIG Welding Wire

AWS	Description	Wire Diameter (mm)	Wire Spool Size (mm)
ER70S-6	MIG Solid Welding Wire	0.6, 0.8, 0.9, 1.0, 1.2, 1.6	D100, D200, D300
ER308LSi	MIG Stainless Steel Wire	0.6, 0.8, 0.9, 1.0, 1.2, 1.6	D100, D200, D300
ER5356	MIG Aluminum Alloy Wire	0.6, 0.8, 0.9, 1.0, 1.2, 1.6	D100, D200, D300
ER4043	MIG Aluminum Alloy Wire	0.6, 0.8, 0.9, 1.0, 1.2, 1.6	D100, D200, D300
E71T-1C	MIG Flux Cored Wire	1.2, 1.4, 1.6	D200, D300



TIG Welding Rod

AWS	Description	Wire Diameter (mm)	Length
ER70S-6	TIG Solid Welding Wire	1.0, 1.6, 2.0, 2.4, 3.2	1m/36"
ER308LSi	TIG Stainless Steel Wire	1.0, 1.6, 2.0, 2.4, 3.2	1m/36"
ER5356	TIG Aluminum Alloy Wire	1.0, 1.6, 2.0, 2.4, 3.2, 4.0	1m/36"
ER4043	TIG Aluminum Alloy Wire	1.0, 1.6, 2.0, 2.4, 3.2, 4.0	1m/36"



Flashback Arrestor



Flashback arrestors are used to protect single cylinders, outlet points or pipelines and can be used for almost all technical gases. The flashback arrestors are mountable in any orientation and are available with all connections and in brass. High-quality materials and filters in the gas inlet provide long services life of flashback arrestors.

188 Torch Flashback Arrestor

Features:

Flame arrestor: Non-return valve
 Filter protect the flash back arrestor from dirty particles
 Prevent the transmission off flame of backfire or flashback upstream from the blow-pipe passing through the flashback arrestor into the equipment connected.

Max flow: Oxygen: 7000Lt. / H Acetylene: 2600Lt. / H

Specifications:

Model	Application Gas	For	Max. Flow Lt/H	Max. Inlet Pressure (bar)	Inlet	Outlet
188-R	Oxygen	Torch	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
188-L	Fuel Gas		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
188-R	Oxygen	Torch	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
188-L	Fuel Gas		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.
188-R	Oxygen	Torch	7000	10	5/8"x18 R.H.	5/18"x18 R.H.
188-L	Fuel Gas		2600	1.5	5/8"x18 L.H.	5/8"x18 L.H.
188-R	Oxygen	Torch	7000	10	BSP 1/4" R.H.	BSP 1/4" R.H.
188-L	Fuel Gas		2600	1.5	BSP 1/4" L.H.	BSP 1/4" L.H.



Flashback Arrestor

288 Regulator Flashback Arrestor

Features:

Flame arrestor: Non-return valve
 Filter protect the flash back arrestor from dirty particles
 Prevent the transmission off flame of backfire or flashback upstream from the blow-pipe passing through the flashback arrestor into the equipment connected.
 Max flow: Oxygen: 7000Lt. / H Acetylene: 2600Lt. / H

Specifications:

Model	Application Gas	For	Max. FlowLt/H	Max. Inlet Pressure (bar)	Inlet	Outlet
288-R	Oxygen	Regulator	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
288-L	Fuel Gas		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
288-R	Oxygen	Regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
288-L	Fuel Gas		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.
288-R	Oxygen	Regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
288-L	Fuel Gas		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



588 Torch Flashback Arrestor

- * Prevents reverse flow of gases with built-in check-valves.
- * Extinguishes flashback fire with stainless steel sintered element
- * 5/16"(8mm) hose connection.
- * 9/16"-18 thread connection and BSP 3/8" thread connection, according to your request.

Specifications:

Model	Application Gas	For	Max. Flow Lt/H	Max. Inlet Pressure (bar)	Inlet
588-R	Oxygen	Regulator	7000	10	9/16"x18 R.H.
588-L	Fuel Gas		2600	1.5	9/16"x18 L.H.



688 Cartridge type Hose Flashback Arrestor

Specifications:

Model	Application Gas	For	Max. Flow Lt/H	Max. Inlet Pressure (bar)	Inlet	Outlet
688-R	Oxygen	Hose	7000	10	φ8mm hose	φ8mm hose
688-L	Fuel Gas		2600	1.5	φ8mm hose	φ8mm hose



Flashback Arrestor

390 Regulator Flashback Arrestor

Specifications:

Model	Gas	For	Max Flow Lt./H	Max Inlet Pressure (bar)	Inlet	Outlet
390	Oxygen	regulator	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
	Fuel Gas		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
	Oxygen	regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
	Fuel Gas		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



384 Torch Flashback Arrestor

Specifications:

Model	Gas	For	Max Flow Lt./H	Max Inlet Pressure(bar)	Inlet	Outlet
384	Oxygen	Torch	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
	Fuel Gas		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
	Oxygen	Torch	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
	Fuel Gas		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



FB 11 Torch Flashback Arrestor

Features:

1. For Gas Regulator
2. Input Oxygen Max pressure: 15BAR/210Psi
Input Acetylene Max pressure: 1.5Bar/21Psi
3. Full and Good Brass
4. Built-In Reverse Flow Check Valves
5. Designed to Prevent Flashback from Hose to Regulator
6. For Use with MOST Oxy-Fuel Welding & Cutting Regulators
7. Greater Flow than Competitive Models

Model	Gas	For	connection
FB 11-R	Oxygen	torch	9/16"x18 R.H.
FB 11-L	Fuel Gas		9/16"x18 L.H.



88 Check Valve

Specifications:

Model	Gas	For	Inlet	outlet
88-3 R	Oxygen	Torch	9/16"x18 R.H.	9/16"x18 R.H.
88-3 L	Fuel Gas		9/16"x18 L.H.	9/16"x18 L.H.



Gas Regulators



GR355



GR25Ar Argon Flow meter Gas Regulator



GR258 Electric Heated CO₂ Regulator



GR191Ar Argon Flowmeter Gas Regulator

Model	Gas	Rated Input Pressure P1	Rated Output Pressure P2	Outlet Flow Q	Connection Thread	
		MPa		M3/h	Inlet	Outlet
GR355	Ar	20	0.6	2	G5/8, G1/4	M16x1.5
GR25Ar	Ar	-	0.25	0-25	G5/8	M12x1
GR258	CO ₂	-	0.35	0-25	G5/8	M12x1
GR100	CO ₂	-	0.35	0-25	G5/8	M12x1
GR191	Ar/CO ₂	14.7	0.25	0-25	G5/8-14	M12x1

Oxy-fuel Cutting Tips



Compatible with BOC (ANME, PNME, ANM, PNM), SAF (G1-A, G1-P, H01-3), HARRIS (6290, 6290-D, 6290VVC, 6290NX, 6290NFF, 6290-AC), VICTOR (1-101, 3-101, GPN), CIGWELD (41, 44), GLOOR (81021, 81021-P), TANAKA (3040G, 3080H, 3080), YAMATO (ACE-M, L.P.G-M, ACE-A, L.P.G-A), ZINSER, MESSER/ESAB, SMITH, ASNM, AGNM, AFN, Equal-pressure High-speed tip (Acetylene, Propane), Heating Nozzles (Acetylene, Propane) and Welding Tips etc.

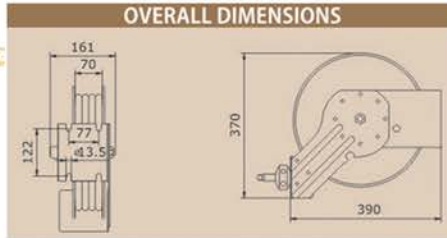
*Note: Other specifications can be available as per customers' requirement.

Aland Welding is no way affiliated with the original equipment manufacturers (OEM) mentioned. All trademark listed herein are not of OEM's origin. References to the OEM's part numbers are for your convenience ONLY.

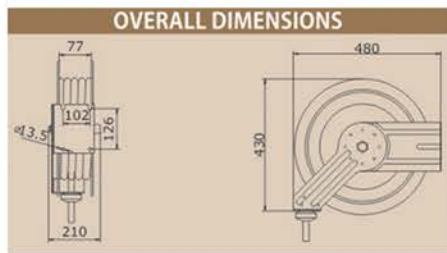
Welding Twin Hose Reel



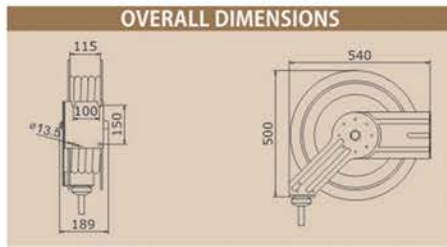
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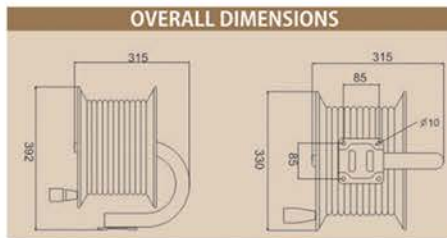
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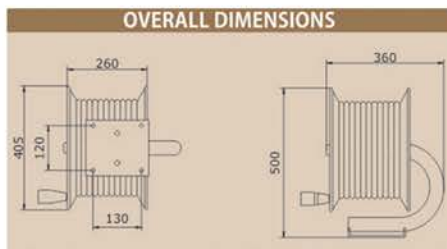
TR3300



TR2100



TR2200



Length	8m/10m
I.D.	1/4"
Material	Twin Rubber Hose
W.P.	300PSI / 20Bar
Connection	Inlet: F1/4"G Outlet: M1/4"G
Length	15m
I.D.	1/4"
Material	Twin Rubber Hose
W.P.	300PSI / 20Bar
Connection	Inlet: F1/4"G Outlet: M1/4"G
Length	20/25/30m
I.D.	1/4"
Material	Twin Rubber Hose
W.P.	300PSI / 20Bar
Connection	Inlet: F1/4"G Outlet: M1/4"G
Length	15m
I.D.	1/4"
Material	Twin Rubber Hose
W.P.	300PSI / 20Bar
Connection	Inlet: F1/4"G Outlet: M1/4"G
Length	30m
I.D.	1/4"
Material	Twin Rubber Hose
W.P.	300PSI / 20Bar
Connection	Inlet: F1/4"G Outlet: M1/4"G

- 1/4", 5/16", 3/8" (6mm, 8mm, 10mm)
- Surface is mill finish
- Interior Lining, strengthen lining, exterior lining
- Strengthen lining is high strength weaving fiber
- Double color (Red/Green), (Red/Blue), as required
- Temperature: -25°C~ 70°C

Applications: For gas soldering of Oxygen, Acetylene, Argon, Propane etc



Twin Hose

Auto-Darkening Welding Helmet



WH3535-9000Plus



WH3515-9000



WH1615-8610



WH1516-8600(M)



Technical Data:

Parameters	WH3535-9000Plus	WH3515-9000	WH1615-8610	WH1516-8600(M)
Optical Level	EN379 1/1/1/2			
Filter Dimension	114x133x10mm (4.49"x5.24"x0.39")		110x90x9mm (4.33"x3.54"x0.35")	
Field of Vision	98x88mm (3.86"x3.46")	100x62mm (3.94"x2.44")	98x45mm (3.86"x1.77")	
Dark State Level	Variable Shade, DIN5-9/ DIN9-13	Variable Shade, DIN9-13	Variable Shade, DIN5-9/ DIN9-13	Variable Shade, DIN9-13
Clear State Level	DIN4			
Sensitivity Control	"Low" to "High" Stepless Adjustment			
Delay Time	Adjustable from 0.2S (Fast) to 1.0S (Slow)			
Switching Time	≤1/30000S (From Clear to Dark)			
Grinding Function	Yes			
ADF Self-Check	Yes			
Low Battery Indicator	Yes			
Power on/off	Full Automatic			
UV/IR Protection	Up to Shade DIN16 at all time			
Impact Resist Level	DIN EN175F			
Arc Sensors	4	4	4	2
Power Supply	Solar Cells + Replaceable Lithium Battery			
Shell Material	Special Nylon (High-impact Resistant Polyamide)			
Operating Temperature	-10°C to +60 °C(14°F~140 °F)			
Store Temperature	-20°C to +70 °C(-4°F~158 °F)			
N.W.	490±5g			
Warranty	2Years			
Approved	CE, ANSI Z87.1, CSAZ94.3, AS/NZS			



WH0822-8600(S)



WH0701-8600



WH0601-8600



WH0501-860



WH1336-8600



WH1215-8000E2X



WH1036-8000E1



WH0903-5000SG

Technical Data:



Parameters	WH0822-8600(S)	WH0701-8600	WH0601-8600	WH0501-8600
Optical Level	EN379 1/1/1/2	EN379 1/1/1/2	EN379 1/1/1/2	EN379 1/2/1/3
Filter Dimension	110x90x9mm (4.33"x3.54"x0.35")			
Field of Vision	98x40mm (3.86"x1.57")	92x42mm (3.62"x1.65")	94x37mm (3.70"x1.46")	
Dark State Level	Variable Shade, DIN9-13			
Clear State Level	DIN4			
Sensitivity Control	"Low" to "High" Stepless Adjustment			
Delay Time	Adjustable from 0.2S (Fast) to 1.0S (Slow)			
Switching Time	≤1/30000S (From Clear to Dark)	≤1/30000S (From Clear to Dark)	≤1/25000S (From Clear to Dark)	
Grinding Function	Yes	No	Yes	
ADF Self-Check	Yes	No	No	
Low Battery Indicator	Yes	No	No	
Power on/off	Full Automatic	Full Automatic	Full Automatic	
UV/IR Protection	Up to Shade DIN16 at all time	Up to Shade DIN16 at all time	Up to Shade DIN16 at all time	
Impact Resist Level	DIN EN175F	DIN EN175F	DIN EN175F	
Arc Sensors	2	2	2	
Power Supply	Solar Cells + Replaceable Lithium Battery	Solar Cells, No Battery Change Required	Solar Cells + Replaceable AAA Battery	
Operating Temperature	-10°C to +60 °C(14°F~140 °F)			
Store Temperature	-20°C to +70 °C(-4°F~158 °F)			
N.W.	490±5g	470±5g	455±5g	490±5g
Warranty	2Years			
Approved	CE, ANSI Z87.1, CSAZ94.3, AS/NZS			

Technical Data:



Parameters	WH1336-8600	WH1215-8000E2X	WH1036-8000E1	WH0903-5000SG
Optical Level	EN379 1/1/1/2			
Filter Dimension	110x90x9mm (4.33"x3.54"x0.35")			
Field of Vision	98x45mm (3.86"x1.77")	92x42mm (3.62"x1.65")	98x45mm (3.86"x1.77")	92x42mm (3.62"x1.65")
Dark State Level	Variable Shade, DIN9-13			
Clear State Level	DIN4			
Sensitivity Control	"Low" to "High" Stepless Adjustment			
Delay Time	Adjustable from 0.2S (Fast) to 1.0S (Slow)			
Switching Time	≤1/30000S (From Clear to Dark)			
Grinding Function	Yes			
ADF Self-Check	Yes			
Low Battery Indicator	Yes			
Power on/off	Full Automatic			
UV/IR Protection	Up to Shade DIN16 at all time			
Impact Resist Level	DIN EN175F			
Arc Sensors	2			
Power Supply	Solar Cells + Replaceable Lithium Battery	Solar Cells + Replaceable Lithium Battery	Solar Cells + Replaceable Lithium Battery	Solar Cells, No Battery Change Required
Operating Temperature	-10°C to +60 °C(14°F~140 °F)			
Store Temperature	-20°C to +70 °C(-4°F~158 °F)			
N.W.		490±5g	465±5g	490±5g
Warranty	2Years			
Approved	CE, ANSI Z87.1, CSAZ94.3, AS/NZS			



WH0301-2000



WH0101-2000L1



WH777B



WH2001-100F



Technical Data:

Parameters	WH0301-2000	WH0101-2000L1	WH777B	WH2001-100F
Optical Level	EN379 1/2/1/3	EN379 1/1/1/2	EN379 1/2/1/1	EN379 1/2/1/3
Filter Dimension	110x90x9mm (4.33"x3.54"x0.35")			
Field of Vision	92x42mm (3.62"x1.65")	92x42mm (3.62"x1.65")	98x43mm (3.86"x1.69")	94x37mm (3.7"x1.46")
Dark State Level	Variable Shade, DIN9-13	Variable Shade, DIN8/10/12	Variable Shade, DIN9-13	Fixed Shade, DIN11
Clear State Level	DIN4	DIN4	DIN4	DIN3
Sensitivity Control	Automatic	"Low" or "High" can be selected	"Low" to "High" stepless adjustment	Automatic
Delay Time	Automatic, 0.2S-0.5S	Automatic, 0.2S-0.5S	0.25S-0.8S (Adjustable)	Automatic, 0.2S-0.5S
Switching Time	≤1/25000S (From Clear to Dark)	≤1/25000S (From Clear to Dark)	0.033ms	≤1/25000S (From Clear to Dark)
Grinding Function	No	No	Yes	No
ADF Self-Check	No	No	Yes	No
Low Battery Indicator	No	No	Yes	No
Power on/off	Full Automatic			
UV/IR Protection	Up to Shade DIN16 at all time			
Impact Resist Level	DIN EN175F			
Arc Sensors	2		4	2
Power Supply	Solar Cells, No Battery Change Required	Solar Cells, No Battery Change Required		Solar Cells, No Battery Change Required
Operating Temperature	-10°C to +60 °C(14°F~140 °F)		-5°C to +55 °C(23°F~131 °F)	
Store Temperature	-20°C to +70 °C(-4°F~158 °F)			
N.W.	460±5g	450±5g	450±5g	450±5g
Warranty	2Years			
Approved	CE, ANSI Z87.1, CSAZ94.3, AS/NZS			

Package & Accessories



Welding Gloves

Leather Welding Gloves

■ Royal Blue welding gloves
1.3mm B grade shoulder split cowhide
Dupont KEVLAR sewn Wing thumb Cotton
Lining 35cm long.
Product No: WG160



■ Rust orange welding gloves
1.3mm B grade shoulder split cowhide
Wing thumb Cotton lining 35cm long
Product No: WG2102



■ Golden patched palm welding gloves
1.3mm B grade shoulder split cowhide
Reinforced Leather Palm.
Dupont KEVLAR sewn
Wing thumb Cotton lining 35cm long.
Product No: WG2008



■ Golden welding gloves
1.3mm B grade shoulder split cowhide Reinforced Leather Palm.
Dupont KEVLAR sewn
Product No: WG1210



Mechanic's Gloves

■ Golden mechanic's gloves
Made of split cowhide
No lining
Fashionable golden color
Elastic back ensures a snug, comfortable fit
Product No: WG1303



■ Coffee welding gloves
Straight thumb
Patched palm and cuff with 3-ply stitched seam
35cm long
Product No: WG2900



■ Charcoal-brown mechanic's gloves
Made of split cowhide
No lining
Dark color to increase dirt-resistant
Elastic back ensures a snug, comfortable fit
Product No: WG1301



■ Coffee welding gloves
35cm long
With thumb
Product No: WG0808



Welding Gloves

Deluxe Leather Welding Gloves

- Rust orange welding gloves
Straight thumb and reinforced thumb crotch for excellent durability

Product No: WG0328



- Charcoal-brown welding gloves
With thumb
35cm long

Product No: WG0707



Leather Sleeves

- Charcoal-brown Leather Sleeves
0.9-1.1cm side split cowhide leather
Dupont KEVLAR Sewn
Elastic upper arm and cuff
Product No: AW-9101



- Golden leather sleeves
0.9-1.1cm side split cowhide leather
Dupont KEVLAR Sewn
Elastic upper arm and cuff
Product No: AW-9116



- Golden Lengthen leather sleeves.
0.9-1.1cm side split cowhide leather
Dupont KEVLAR Sewn
Hook & loop upper arm and elastic cuff
Product No: AW-9119



Leather Palm Jean Back Gloves

- Golden full palm working gloves
1.3mm AB grade shoulder split cowhide palm and knuckle strap
Cotton lining Elastic cuff Jean back
Product No: WG1505



- Charcoal-brown patched palm working gloves
1.2mm select side split cowhide palm and kuckle strap
Cotton lining Elastic cuff Jean back
Product No: WG1503



Leggings and Spats

- Golden Short Leggings & Gray Spats
2mm special split cowhide hard shoulder leather cover
Hook & loop closure design
With elastic bank on the base
1.2-1.3mm side split cowhide leather of leg sleeves.



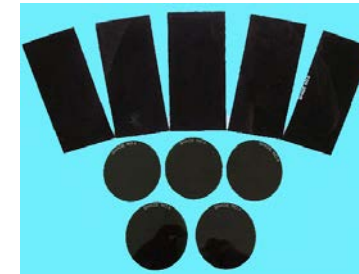
Product No: AW-9100

- Gray Long Leggings and Spats
2mm special split cowhide hard shoulder leather cover
Hook & loop closure design
With elastic bank on the base
1.4mm split cowhide hard shoulder leather cover
Front/1.2-1.3mm side split cowhide leather of leg sleeves
back
Product No: AW-9200



Welding Glass

Welding Glass & Lens & Magnifier



Welding Glass



CR39 lens



Gold Plated welding glass



Clear glass protection lens



PC welding Magnifier



Glass welding magnifier

Products List

Name	Size (mm)	Name	Size (mm)	Name	Size (mm)
Welding glass	50*100	Gold /silver Plated welding glass	50*105	Clear glass protection lens	50*100
	50*105		50*108		50*105
	50*108		75*98		50*108
	50*110		90*110		50*110
	55*110		114*133		55*110
	60*110	CR39 lens	51*108		60*110
	75*98		50*105		75*98
	80*110		50*110		80*110
	83*108		60*110		83*108
	90*110		83*108		90*110
	114*133		90*110		114*133
	Ø50mm		114*133		Ø50mm
PC welding Magnifier	51*108mm		Ø50mm	Glass welding magnifier	51*108mm

*Note: 1. Thickness: Welding glass: 2.8-3.2mm (normally 3mm); Clear glass: 1.8-2.0mm; CR-39: 1.2-1.4mm. As per required.
2. Package: 1pc/plastic bag, 100pcs/cardborad box, 500pcs/carton
3. Edging or without edging. As per required. 4. CE

Selection of Industrial protcdtive Helmet

Shade Number	Electric Arc Welding and Cutting Work	Application	Shade Number	Electric ArcWelding and Cutting Work	Application
3-4	Auxiliary workers	Rollers,workers of blast furnace,heating furnace and stokers.	9-11	Electric arc Welding of 75A-200A	
5-6	Electric arc Welding below 30A	Workers of gas welding and cutting,air weldingand electric furnace.	12-13	Electric arc Welding of 200A-400A	
7-8	Electric arc Welding of 30A-75A	Used for argon ion welding and special welding.	14	Electric arc Welding above 400A	

Cutting & Grinding Discs



Type 41: Cut-off wheel, flat

Abrasive	Grit Size	Hardness	Velocity	Dia.(mm)	Thickness(mm)	Hole (mm)
A, WA, ZA, SA, C, fibre reinforced	24#, 30#, 36#, 46#, 60#	M, N, O, P, Q, R, S	80mm/S	100	2.5, 3.0, 3.2	16
				115		22.2
				125		22.2
				150		22.2
				180		22.2
				230		22.2

Abrasive	Grit Size	Hardness	Velocity	Dia.(mm)	Thickness(mm)	Hole (mm)
A, WA, ZA, SA, C, fibre reinforced	24#, 30#, 36#, 46#, 60#	M, N, O, P, Q, R, S	80mm/S 100mm/S	75	1.0,1.6,2.0,2.5,3.0	9.53
				100	1.0,1.2,1.6,2.0	16
				115	1.0,1.2,1.6	22.2
				125	1.0,1.2,1.6,2.0	22.2
				180	2.0	22.2
				230	2.0	22.2
				250	2.6,3.0,3.2	25.4
				300	2.6,3.0,3.2,3.54	20, 22.2, 25.4,32
				350	2.6,3.0,3.2,3.54,4.7	20, 22.2, 25.4,32
				400	3.2,3.5,4.0,4.7	25.4, 32
455	4.0,4.5,5.0	25.4, 32				
508	5.0,6.0	25.4, 40, 50.8				

Abrasive	Grit Size	Hardness	Velocity	Dia.(mm)	Thickness(mm)	Hole (mm)
A, fibre reinforced	90#,120#	M, N, O, P, Q, R, S	50M/S(regular) 80m/s (fibre reinforced)	22	0.6	2
				23.8	0.6	1.7
				25	0.7	2
				32	1	1.8, 2
				35	0.7, 1.0	2
				37.5	0.7, 1.0	2
				40	1	2

Type 42: Cut-off wheel, depressed

Abrasive	Grit Size	Hardness	Velocity	Dia.(mm)	Thickness(mm)	Hole (mm)
A, ZA, C, fibre reinforced	24#, 30#, 36#	M, N, O, P, Q, R, S	80mm/S 100mm/S	100	4.0, 6.0, (6.4)	16
				115	4.0, 6.0, (6.4), 8.0	22.2
				125	4.0, 6.0, (6.4), 8.0	22.2
				150	4.0, 6.0, (6.4), 8.0	22.2
				180	4.0, 6.0, (6.4), 8.0	22.2
				230	4.0, 6.0, (6.4), 8.0	22.2

Type 27: Grinding wheel, depressed

Abrasive	Grit Size	Hardness	Velocity	Dia.(mm)	Thickness(mm)	Hole (mm)
A, WA, ZA, SA, C, fibre reinforced	24#, 30#, 36#, 46#, 60#	M, N, O, P, Q, R, S	80mm/S	100	2.5, 3.0, 3.2,	16
				115		22.2
				125		22.2
				150		22.2
				180		22.2
				230		22.2



Welding Goggle



welding helmet



tungsten carbide burrs