



PTS

*Welding & Industrial
Supplies c.c.*



Sole Importers of
**UNRIVALLED
QUALITY
PRODUCTS**

for Welding Machines,
Gas Equipment &
Consumables



PRODUCT CATALOGUE



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for manifolds, tapping points and single cylinders

Flashback arrestors provide protection against: Flashbacks, passage of gas in the direction opposite to flow and burnbacks.

FLAME ARRESTOR

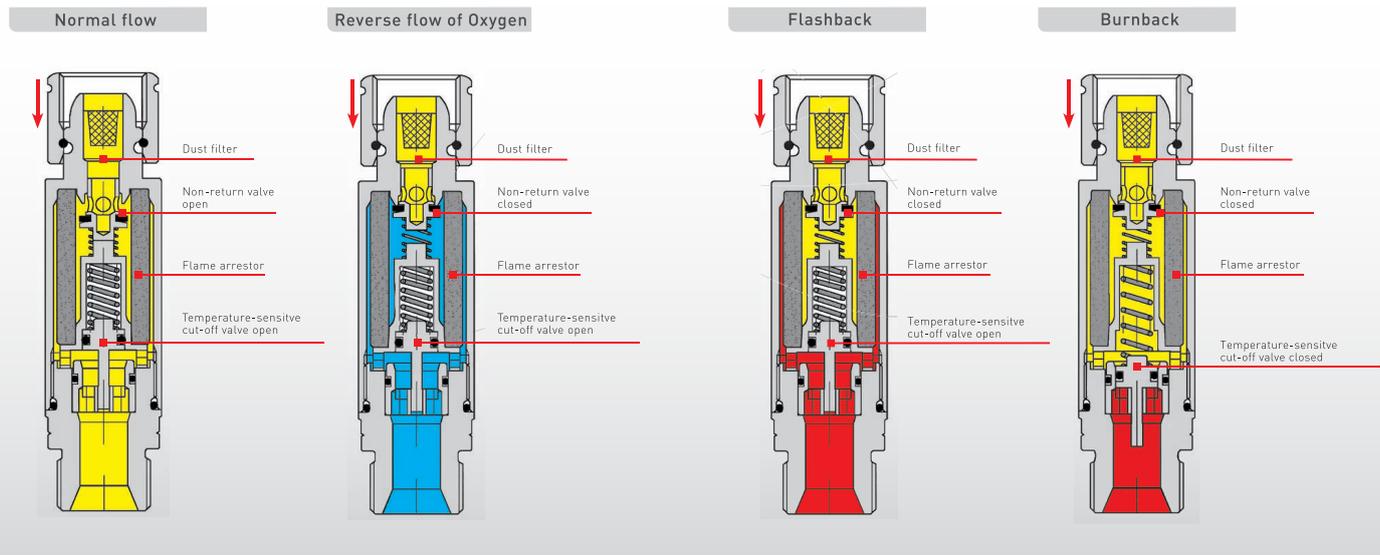
A stainless steel sintered element stops any flashback from the gas outlet side. The flame is cooled below the specific gases ignition temperature, so that the fuel gases on the inlet side cannot be ignited, thus quenching the flashback.

GAS NON-RETURN VALVE

Valve is held open by energy in gas stream and closes when downstream pressure is approximately equal to or greater than that in normal direction of flow.

TEMPERATURE-SENSITIVE CUT-OFF VALVE

A spring loaded valve is held open by a fusible alloy that is activated by reaching a specific temperature range, once activated this shuts off the gas flow.



CERTIFIED SAFETY



Regulator Mount Flashback Arrestors Screw On Type

DGN

The standard safety device for industries and small enterprises. The type DGN covers the most applications and can be used on tapping points as well as on single cylinders.

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-2684	DGN-A	Fuel Gas	¼"-LH-NUT	¼"-LH-THREAD
3001-6221	DGN-S	Oxygen	¼"-RH-NUT	¼"-RH-THREAD
3001-5767	DGN-A	Fuel Gas	9/16"-LH-NUT	9/16"-LH-THREAD
3001-5768	DGN-S	Oxygen	9/16"-RH-NUT	9/16"-RH-THREAD
3001-5762	DGN-A	Fuel Gas	3/8"-LH-NUT	3/8"-LH-THREAD
3001-5766	DGN-S	Oxygen	3/8"-RH-NUT	3/8"-RH-THREAD

Safety device to EN 730-1, ISO 5175



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA
- Thermal cut-off valve TV

Dust filter promotes long life

High Volume

DG91N

Model DG91 N for protection of single cylinder and tapping points

The Safety device DG91 N according to EN 730-1, ISO 5175:

- Avoids dangerous gas mixtures by a gas non-return valve (NV)
- Stops flashback through flame arrestor (FA)
- A temperature-sensitive cut-off valve stops the gas flow when a predetermined temperature is exceeded (TV)
- A dust filter protects the gas non-return valve against contamination
- Every safety device is 100 % tested

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-5928	DG91N-A	Fuel Gas	9/16"-LH-NUT	9/16"-LH-THREAD
3001-5929	DG91N-S	Oxygen	9/16"-RH-NUT	9/16"-RH-THREAD
3001-5926	DG91N-A	Fuel Gas	3/8"-LH-NUT	3/8"-LH-THREAD
3001-5927	DG91N-S	Oxygen	3/8"-RH-NUT	3/8"-RH-THREAD

Safety Device according to EN730-1, ISO 5175, AS 4603, TRAC 207



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA
- Temperature-sensitive cut-off valve TV

Dust filter promotes long life

Regulator Mount Flashback Arrestors Quick Coupling Type

DGNK

For connecting at Cylinder-Regulators and Tapping Points.

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-5753	DGNK-A	Fuel Gas	9/16"-LH-NUT	8mm Tail
3001-5754	DGNK-S	Oxygen	9/16"-RH-NUT	8mm Tail
3001-5751	DGNK-A	Fuel Gas	3/8"-LH-NUT	8mm Tail
3001-5752	DGNK-S	Oxygen	3/8"-RH-NUT	8mm Tail

Safety Device according to EN 730-1, ISO 5175

With Coupling according to EN 561, ISO 7289



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA
- Gas shut-off TV

Dust filter promotes long life

Torch Mount Flashback Arrestors Screw On Type

GG / GT

Short and light by design, GT offers highest possible safety and comfort for the user. The new tail piece design guarantees safe connection and hose protection.

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-7376	GG-A	Fuel Gas	9/16"-LH-NUT	9/16"-LH-THREAD
3001-7375	GG-S	Oxygen	9/16"-RH-NUT	9/16"-RH-THREAD
3001-2650	GG-A	Fuel Gas	3/8"-LH-NUT	3/8"-LH-THREAD
3001-2649	GG-S	Oxygen	3/8"-RH-NUT	3/8"-RH-THREAD
3001-6010	GT-A	Fuel Gas	6.3mm Tail	1/4"-LH-NUT
3001-6008	GT-S	Oxygen	6.3mm Tail	1/4"-RH-NUT
3001-5771	GT-A	Fuel Gas	8mm Tail	9/16"-LH-NUT
3001-5772	GT-S	Oxygen	8mm Tail	9/16"-RH-NUT
3001-5769	GT-A	Fuel Gas	8mm Tail	3/8"-LH-NUT
3001-5770	GT-S	Oxygen	8mm Tail	3/8"-RH-NUT



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA

Dust filter promotes long life

Safety device to EN 730-1, ISO 5175

High Volume

DG91UA

Type DG91UA for torch side protection

The safety device DG91UA according to DIN EN ISO 5175-1:

- avoids dangerous gas mixtures by a gas non-return valve (NV)
- stops flashback through flame arrestor (FA)
- a dust filter protects the gas non-return valve against contamination
- every safety device is 100% tested
- all metal components in brass 2.0401 / spring 1.4310

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-5922	DG91UA-A	Fuel Gas	9/16"-LH-NUT	9/16"-LH-THREAD
3001-5923	DG91UA-S	Oxygen	9/16"-RH-NUT	9/16"-RH-THREAD
3001-5924	DG91UA-A	Fuel Gas	3/8"-LH-NUT	3/8"-LH-THREAD
3001-5925	DG91UA-S	Oxygen	3/8"-RH-NUT	3/8"-RH-THREAD



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA

Dust filter promotes long life

Safety Device according to DIN EN ISO 5175-1

Torch Mount Flashback Arrestors Quick Coupling Type

NKST

For In-Hose or Torch Side connection

An ideal combination for torch side protection. The integrated coupling enables a quick and safe change of work place and tools.

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
3001-5754	NKST-A	Fuel Gas	8mm Tail	9/16" / 3/8"-LH-THREAD
3001-5756	NKST-S	Oxygen	8mm Tail	9/16" / 3/8"-RH-THREAD



Safety elements:

- Gas non-return valve NV
- Flame arrestor FA
- Gas shut-off TV

Dust filter promotes long life

Safety Device according to EN 730-1, ISO 5175

With Coupling according to EN 561, ISO 7289



Regulator Mount Coupling Pins

Part #	Product	Gas Type	Connection
0069-0149	N2-A x 8mm C-Pin	Fuel Gas	8mm Tail
0069-0152	N2-S x 8mm C-Pin	Oxygen	8mm Tail

Torch Mount Coupling Pins



Part #	Product	Gas Type	Connection
0069-0138	N1-A C-Pin & Nut	Fuel Gas	9/16"-LH-NUT
0069-0144	N1-S C-Pin & Nut	Oxygen	9/16"-RH-NUT
0069-0136	N1-A C-Pin & Nut	Fuel Gas	3/8"-LH-NUT
0069-0142	N1-S C-Pin & Nut	Oxygen	3/8"-RH-NUT

Quick Couplers



Part #	Product	Gas Type	Connection
3001-6255	NKD-A	Fuel Gas	9/16"-LH-NUT
3001-6254	NKD-S	Oxygen	9/16"-RH-NUT
3001-6581	NKD-A	Fuel Gas	3/8"-LH-NUT
3001-5842	NKD-S	Oxygen	3/8"-RH-NUT
3001-6194	NKT-A	Fuel Gas	8mm Tail
3001-5833	NKT-S	Oxygen	8mm Tail

Types	Types						
	DGN	DGNK	DG91N	GT	GG	NKST	DG91UA
Application							
Welding 0,5-14 mm	■	■	■	●	●	●	●
Welding 0,5-30 mm	■	■	■	●	●	●	●
Heating 0,5-14 mm	■	■	■	●	●	●	●
Heating 0,5-30 mm	■	■	■	●	●	●	●
Heating 30-100 mm			■				●
Heating → 100 mm							●
Flame cutting up to 60mm	■	■	■	●	●	●	●
Flame cutting 3-200 mm	■	■	■	●	●	●	●
Flame cutting 50-700 mm			■				●
Flame cutting → 700mm							●
Flame scarfing 50-200 mm	■	■	■				●
Flame scarfing 200-500 mm			■				●
Flame scarfing - 5 Flames			■				●
Brazing consumption 4000 l/h	■	■	■				●
Brazing consumption 12000 l/h			■				●
Brazing consumption → 12000 l/h							●
Flame spraying			■				●

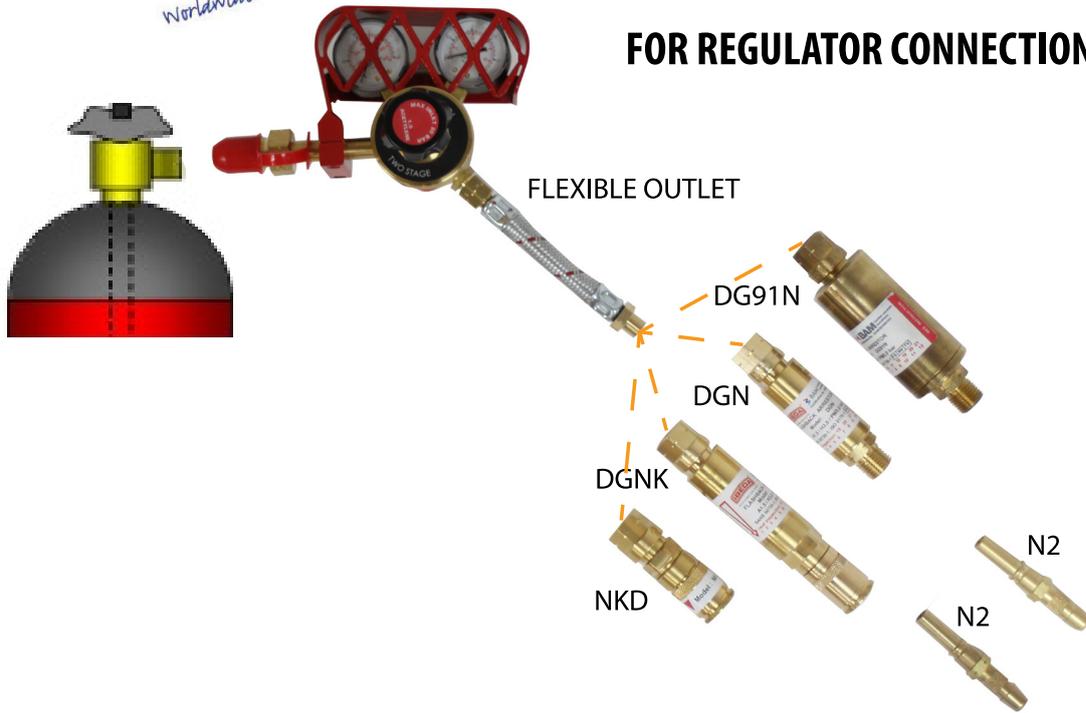
■ For cylinder regulators or tapping points

● For torches/cutting machines

**WE OFFER,
THROUGH
FAULTLESS
CUSTOMER
SERVICE, ONLY
THE BEST
WELDING
EQUIPMENT
AND
CONSUMABLES**

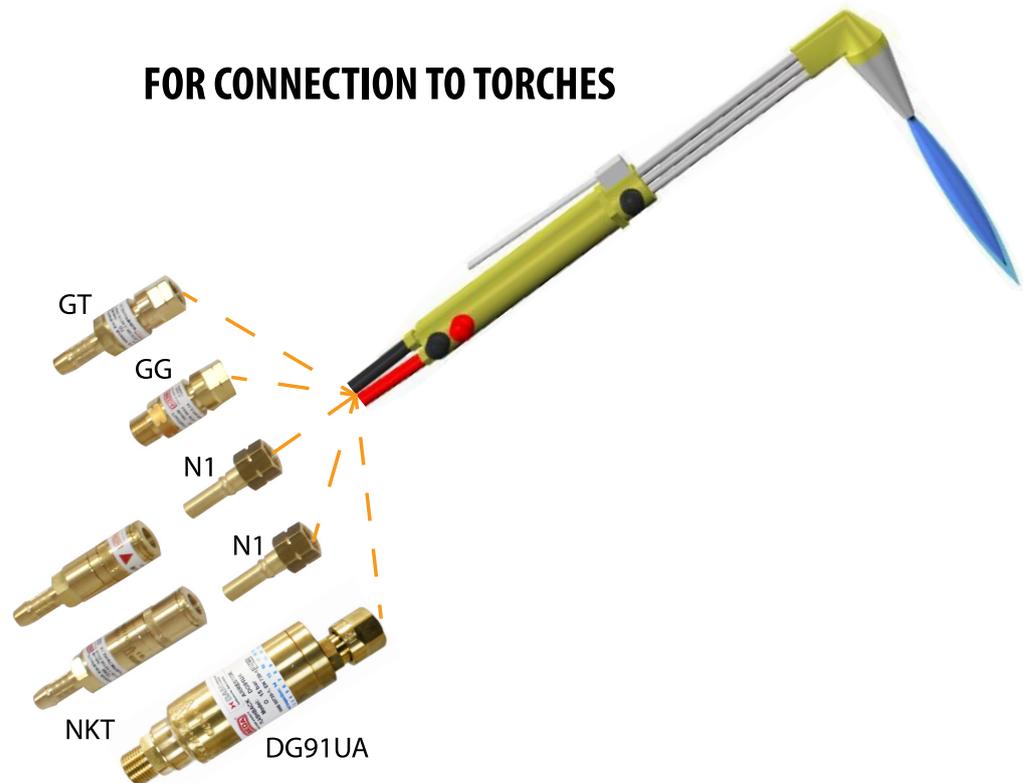


FOR REGULATOR CONNECTION



For extending hoses use N2 combined with NKT

FOR CONNECTION TO TORCHES





Safety devices have to be tested every year as detailed below. Without changing of position flow rate comparison checks can be made. Additionally the function of the pressure sensitive valve can be checked.

This equipment allows flow rates to be measured as well as testing the function of the pressure sensitive valve.

				Next Test:				
Quarter				Year				
1	2	3	4	2019	2020	2021	2022	2023

Equipment:

Connection adaptors for all common threads.
 Connection adaptors for DIN- and IBEDA-Couplings

Options:

Test Certificates
 Test labels
 Connection adaptors for special types (i.e.: asymmetric Inlet - and Outlet stud)

Tests:

Through flow tests, according to prescribed volumes.
 Function pressure testing of sensitive gas cut-off valve (DS1000 & DS2000).
 Test for gas return.
 Preparations for annual and/or specific test requirements, can be simply made on site.

**WE ALSO OFFER AS OFFICIAL
 OEM REPRESENTATIVES THE
 TESTING AND CERTIFICATION
 OF FLASHBACK ARRESTORS
 ON SITE**

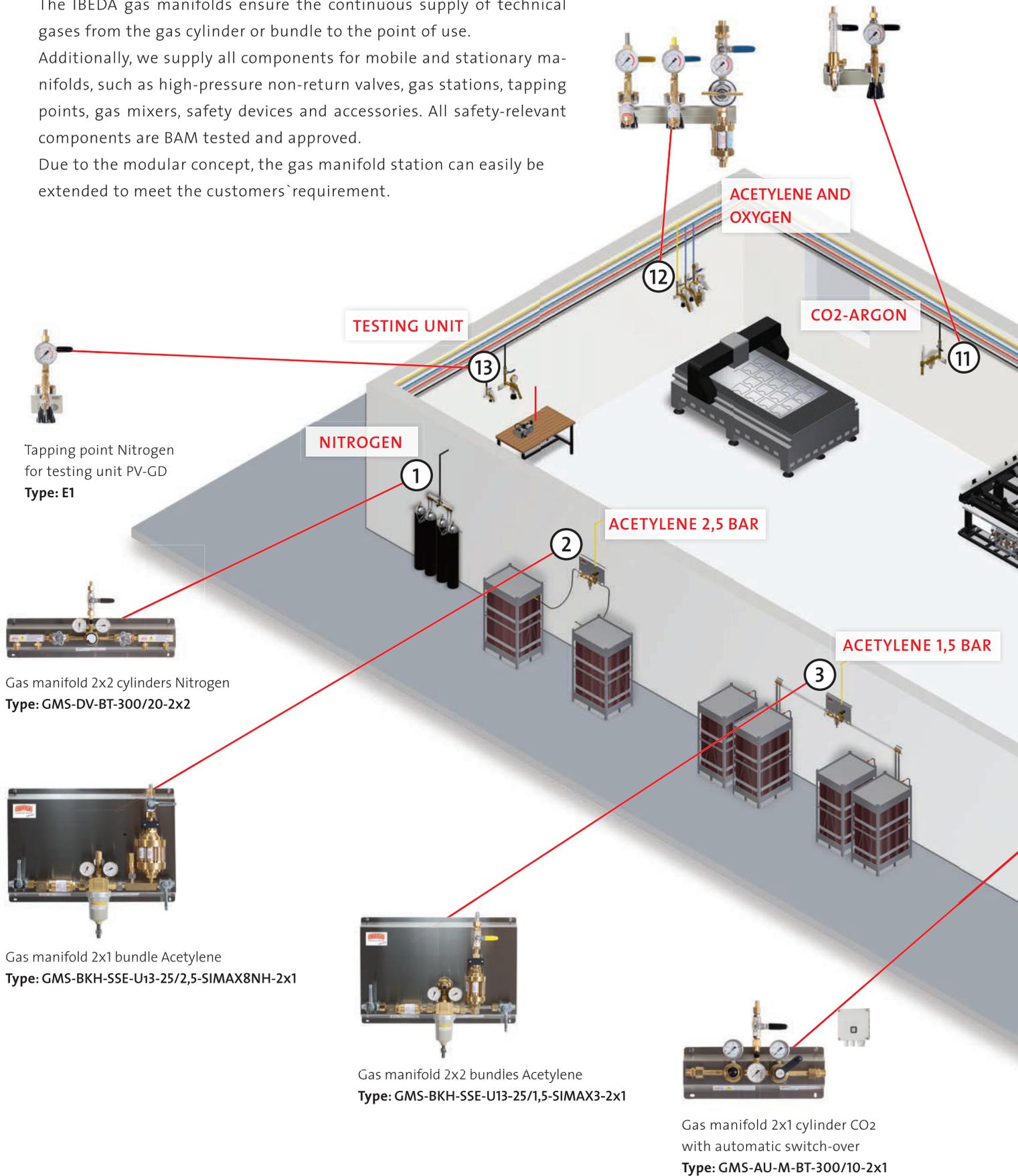
CENTRAL GAS SUPPLY

AND MANIFOLD SYSTEMS FOR ALL POINTS OF USE

The IBEDA gas manifolds ensure the continuous supply of technical gases from the gas cylinder or bundle to the point of use. Additionally, we supply all components for mobile and stationary manifolds, such as high-pressure non-return valves, gas stations, tapping points, gas mixers, safety devices and accessories. All safety-relevant components are BAM tested and approved. Due to the modular concept, the gas manifold station can easily be extended to meet the customers' requirement.

Tapping points for cutting machines
Type: E1 and E10

Tapping points for welding machines
Type: E1



Tapping point for heating burners
 Type: E10



Tapping point for flame spraying cabinets
 Type: E1-AL



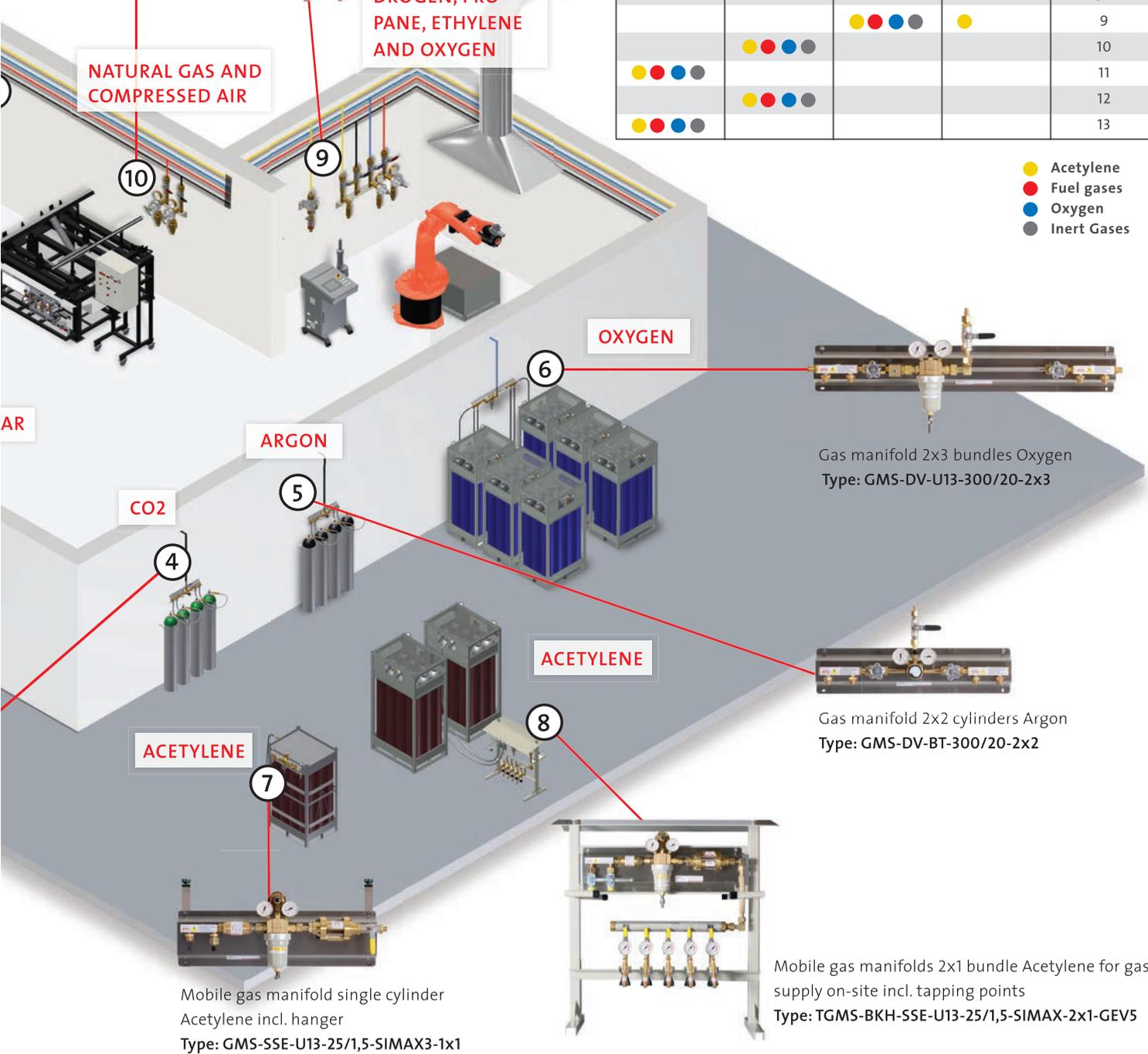
ACETYLENE, HYDROGEN, PROPANE, ETHYLENE AND OXYGEN

NATURAL GAS AND COMPRESSED AIR

GAS MANIFOLDS					Figure
stationary				mobile	
manual	mechanically controlled auto-change	pneumatically controlled auto-change	electrically controlled auto-change		
● ● ● ●	● ● ● ●	● ● ●	● ● ● ●		1
●					2
●	●		●		3
● ● ● ●	● ● ● ●	● ● ●	● ● ● ●		4
● ● ● ●	● ● ● ●	● ● ●	● ● ● ●		5
● ● ● ●	● ● ● ●	● ● ●	● ● ● ●		6
				●	7
				● ● ● ●	8

Tapping points					Figure
E1	E10	E1-AL	E1-HD		
		● ● ● ●	●		9
	● ● ● ●				10
● ● ● ●					11
	● ● ● ●				12
● ● ● ●					13

- Acetylene
- Fuel gases
- Oxygen
- Inert Gases



Gas manifold 2x3 bundles Oxygen
 Type: GMS-DV-U13-300/20-2x3

Gas manifold 2x2 cylinders Argon
 Type: GMS-DV-BT-300/20-2x2

Mobile gas manifold single cylinder Acetylene incl. hanger
 Type: GMS-SSE-U13-25/1,5-SIMAX3-1x1

Mobile gas manifolds 2x1 bundle Acetylene for gas supply on-site incl. tapping points
 Type: TGMS-BKH-SSE-U13-25/1,5-SIMAX-2x1-GEV5

Wescol Cutting Torches



Heavy Duty Cutting

- Cutting Capacity 300mm
- Precision valves for precise feathering.
- Brass and Stainless Steel Construction
- Nozzle Mix for flashback resistance
- Progressive Press-to-Cut to assist piercing.
- Balanced to reduce operator fatigue



Part #	Product	Gas Types	Inlet Connection	Length	Head Angle
0220-001	NM250 Murex Universal Cutting Torch	Oxygen & Acetylene OR Oxygen & Propane (LPG)	3/8"	500mm	90°
MT28	HCM28 Cutting Torch	Oxygen & Acetylene	9/16"	500mm	90°

Conforming to BS EN ISO 5172:2015

Smith Cutting Torches



Gas Axe™ extra-heavy-duty torches are ideal for scrap and demolition cutting. Safety engineered; designed for severe applications. Excellent for use with propane or natural gas but works well with all gases including propane/propylene-based fuels, natural gas and acetylene. Extra-high-capacity cuts up to 24 inches (610 mm) with acetylene. Cuts up to 20 inches (508 mm) with propane.



Part #	Product	Gas Types	Inlet Connection	Length	Head Angle
SC929	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	530mm	90°
SC920	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	530mm	180°
SC939	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	914mm	90°
SC930	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	914mm	180°
SC949	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	1200mm	90°
SC940	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	1200mm	180°
SC969	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	1800mm	90°
SC960	Gas Axe Cutting Torch	Oxygen & Acetylene or Oxygen & Propane (LPG)	9/16"	1800mm	180°

With UL Approval



Single Stage Regulators With Gauges

Wescol regulators are world renowned for quality and reliability in the field. Available to suit almost every application in an almost infinite variety of configurations.



Part #	Product	Gas Type	Inlet Connection	Outlet Connection
RE0034	300 Series Single Stage Regulator	Acetylene	5/8" LH	1/4" Or 9/16" Or 3/8"
RE0081	300 Series Single Stage Regulator	Oxygen	5/8" RH	1/4" Or 9/16" Or 3/8"
RE0091	300 Series Single Stage Regulator	Propane (LPG)	5/8" LH	9/16" Or 3/8"

Conforming to BS EN ISO 2503:2009; SANS 2503:2007 & APRAGAZ Approved

GAUGE GUARDS

We also stock a variety of regulator gauge guards.



BULL NOSE STEM DUST CAP FLEXIBLE HOSES



Items can be sold separately



Multi Stage Regulators With Gauges



Part #	Product	Gas Type	Inlet Connection	Outlet Connection
0103-021	700 Series Multi Stage Regulator	Acetylene	5/8" LH	9/16" Or 3/8"
0103-005	700 Series Multi Stage Regulator	Oxygen	5/8" RH	9/16" Or 3/8"
0103-063	700 Series Multi Stage Regulator	Nitrogen	3/4" RH	9/16" Or 3/8"

Conforming to BS EN ISO 2503:2009; SANS 2503:2007 & APRAGAZ Approved



Multi Stage Gaugeless Regulators



Part #	Product	Gas Type	Inlet Connection	Outlet Connection
0103-026	700 Series Multi Stage Regulator	Acetylene	5/8" LH	9/16" Or 3/8"
0103-011	700 Series Multi Stage Regulator	Oxygen	5/8" RH	9/16" Or 3/8"

Conforming to BS EN ISO 2503:2009; SANS 2503:2007 & APRAGAZ Approved



High Volume Regulator With Gauges



Part #	Product	Gas Type	Inlet Connection	Outlet Connection
0109-102	WE750 Series Single Stage Regulator	Nitrogen	3/4" RH	3/8"

Conforming to BS EN ISO 2503:2009; SANS 2503:2007 & APRAGAZ Approved

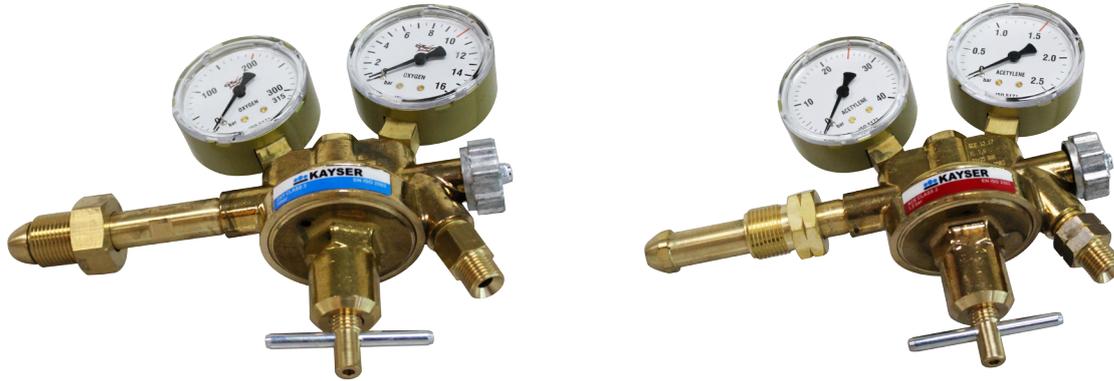


Flowmeters With Tube

Part #	Product	Gas Type	Inlet Connection	Outlet Connection
RE0376	Flowmeter With Single Tube	Inert	5/8" RH	3/8"
RE0375	Purge Flowmeter With Double Tube	Inert	5/8" RH	3/8"



Single Stage Regulators With Gauges



Part #	Product	Gas Type	Inlet Connection	Outlet Connection
714110SA	Kayser K10 Acetylene Single Stage Regulator	Acetylene	5/8" LH	9/16"
714090SA	Kayser K10 Oxygen Single Stage Regulator	Oxygen	5/8" RH	9/16"

Conforming to BS EN ISO 2503:2009 & BAM Approved

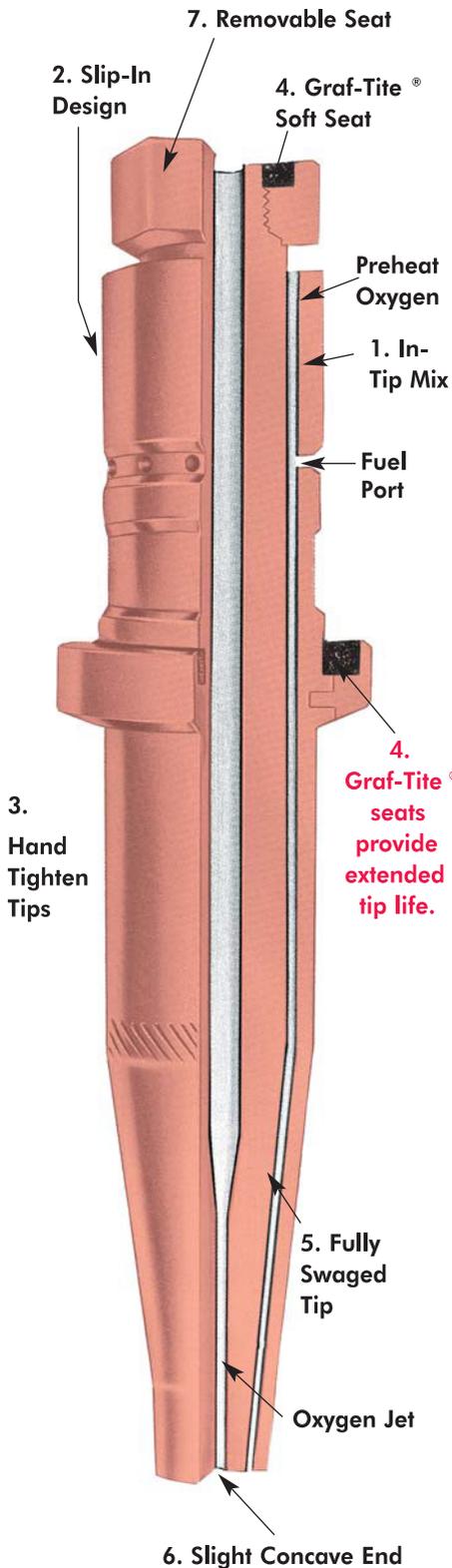
Advantages of Kayser regulators

- Valve face electro polished
- Vulcanized valve seat with a special coat. This guarantees an exact type of control.
- The special pen nozzle which is exact adjusted with the resilient bent in the manometer guarantees an exact outlet pressure shown on the manometer.
- The irregularity coefficient is 0,1. acc. EN ISO 2503 – tolerance of 0,3 is allowed. That means the K10 regulator must be readjusted less than other regulators.
- We use a stronger membrane as most competitors. This membrane is specially produced for KAYSER. Inside with a special fabric inlay.
- Particle filter in the inlet stem to avoid contamination.
- Each regulator is developed and produced with a shut off valve. Regulator system is closeable on the shut of valve.
- Safety valve is from brass not plastic
- Shut off valve is from aluminum not plastic
- We use a catch instead a hand wheel. In case of outside use a catch ensure that the adjustment spindle will not corrode. In this case adjusting is difficult or after longer time not possible any longer. Regulator must be scrapped.
- We decided to produce all our regulators from brass and we do not use any metal alloying. Old regulators can be recycled.
- We produce the regulators with two relief wells to secure 100 % in case of an membrane brake that the gas can flow off. (we had never such a claim but we produce on highest safety measure).

Gauge Guards



Part #	Product
188120	Gauge Guard Acetylene - Red
18110	Gauge Guard Oxygen - Blue



LONGEST LASTING TIPS YOU CAN BUY

Whatever your application, whatever your fuel gas, there's a Smith Slicer™ tip to provide fast, economical and quality cutting. Soft seats are not prone to damage like metal-to-metal seats, providing consistent seating and much longer life than metal to metal seats.

Authentic Smith tips must be used and accompany Smith torches to qualify for warranty repair. Aftermarket tips are often the cause of poor performance or malfunction.

Wide Variety of Fuel Gases

Select from quality tips for dependable performance with: acetylene, propane, propane base gases, propylene, natural gas and many more.

Wide Range of Tip Styles & Sizes

Select the tip to match the job. It's faster, gives a cleaner cut, saves on cleanup and machining, saves gas and cuts expensive labor time.

These tips are for: hand cutting, machine cutting, heavy cutting - up to 24" (610mm), gouging, bulkhead cutting, bevel cutting, heating, rivet cutting, piercing, thin plate cutting, flue cutting, rivet washing, rivet blowing, welding and riser cutting. Several different sizes cover the complete range from thin sheet metal (less than 1/8" - 3mm) up to 24" (610mm) thick steel.

FEATURE BENEFITS

- 1 In-Tip Mix Provides Added Resistance to Flashback**
Each tip is a precision engineered mixer for combining preheat oxygen and fuel gas to attain maximum efficiency.
- 2 Slip-In Design Saves Time and Money**
Quick, easy tip change encourages use of right tip for the job.
- 3 Hand Tighten Tips - No Wrench Needed!**
After the first tightening with a wrench, all that's needed to seat the tip snugly is hand-tightening. No need to search for a wrench to change tips; threads on tip nut won't be stripped by over-tightening.
- 4 Soft Graf-Tite® Flexible Seats End Reseating Repairs**
Compressible soft seats are practically indestructible and they withstand very high temperatures, resulting in longer tip life.
- 5 Fully Swaged Tip Minimizes Gas Turbulence**
Mirror smooth gas passages deliver stable gas flows for high heat transfer, fast starts and clean cuts, also, minimizes slag build-up, and reduces clean-up time.
- 6 Concave Shaped Tip End**
Reduces backfire and resists flameout when making accidental contact with base metal during cutting operations.
- 7 Removable High Pressure Seat**
Allows cleaning from back of tip.

100% FLAME TESTED AND INSPECTED

SC12 / SC50 Series Cutting Nozzles



Part #	Metal Thickness	Gas Type
SC12-0	0-10 mm	Oxygen & Acetylene
SC12-1	10-18 mm	Oxygen & Acetylene
SC12-2	18-36 mm	Oxygen & Acetylene
SC12-3	38-60 mm	Oxygen & Acetylene
SC12-4	60-100 mm	Oxygen & Acetylene
SC12-4x9	60-100 mm	Oxygen & Acetylene
SC12-5	100-200 mm	Oxygen & Acetylene
SC12-6	200-305 mm	Oxygen & Acetylene

Used with Smith cutting torches



Part #	Metal Thickness	Gas Type
SC50-0	0-10 mm	Oxygen & Propane (LPG)
SC50-1	10-18 mm	Oxygen & Propane (LPG)
SC50-2	18-36 mm	Oxygen & Propane (LPG)
SC50-3	36-60 mm	Oxygen & Propane (LPG)
SC50-4	60-100 mm	Oxygen & Propane (LPG)
SC50-5	100-200 mm	Oxygen & Propane (LPG)
SC50-6	200-300 mm	Oxygen & Propane (LPG)
SC50-7	300-360 mm	Oxygen & Propane (LPG)
SC50-8	360-450 mm	Oxygen & Propane (LPG)
SC50-9	450-500 mm	Oxygen & Propane (LPG)

Used with Smith cutting torches



Gouging
SC13-3

Gouging Tip SC13-3 & SC13-5

For edge preparation, removal of welds or gouging cracked metals.



Rivet/Riser Cutting
SC14-3

Rivet/Riser Cutting - SC14-3

Cuts heads of bolts and rivets. It can also be used in 180° head cutting torch to cut out boiler tubes. Works equally for cutting risers and bulk heads.



Rivet Blowing & Metal Washing
SC15-2

Rivet Blowing and Metal Washing - SC15-2

Quickly removes large quantities of metal. Heavy preheat primarily used as a rivet blowing tip, but can be used for stud removal, metal washing, gouging, veeing and groove cutting.



Plate Cutting
SC17-0

Plate Cutting - SC17-0

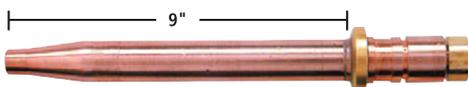
"Drag" style step tip cuts thin sheet metal with absolute minimum burn over and plate warpage.



Heating
SC83

Heating - SC83

Delivers large volume of heat quickly for bending, straightening, shrinking, forming and other heating applications. It allows heating with a one piece cutting torch. (For use with hand cutting torches only, not recommended for use with combination torch cutting attachments.)



Extra Long Cutting Tip
SC12-4X9

Extra Long Cutting Tip - SC12-4X9

Tip for hard to reach areas. Size 4.

ANM & ANME Cutting Nozzles



Part #	Product	Gas Type	Metal Thickness
ANM001	ANM 0.8 Cutting Nozzle	Oxygen & Acetylene	0-6 mm
ANM002	ANM 1.2 Cutting Nozzle	Oxygen & Acetylene	6-12 mm
ANM003	ANM 1.6 Cutting Nozzle	Oxygen & Acetylene	12-75 mm
ANM004	ANM 2.0 Cutting Nozzle	Oxygen & Acetylene	75-150 mm
ANM005	ANM 2.4 Cutting Nozzle	Oxygen & Acetylene	150-200 mm
ANM006	ANM 3.2 Cutting Nozzle	Oxygen & Acetylene	200-300 mm
ANME001	ANME 0.8 Cutting Nozzle	Oxygen & Acetylene	0-6 mm
ANME001	ANME 1.2 Cutting Nozzle	Oxygen & Acetylene	6-12 mm
ANME001	ANME 1.6 Cutting Nozzle	Oxygen & Acetylene	12-75 mm
ANME001	ANME 2.0 Cutting Nozzle	Oxygen & Acetylene	75-150 mm
ANME001	ANME 2.4 Cutting Nozzle	Oxygen & Acetylene	150-200 mm
ANME001	ANME 3.2 Cutting Nozzle	Oxygen & Acetylene	200-300 mm

Used With Wescol NM 250 Cutting Torch

PNM & PNME Cutting Nozzles



Part #	Product	Gas Type	Metal Thickness
PNM001	PNM 0.8 Cutting Nozzle	Oxygen & Propane (LPG)	0-6 mm
PNM002	PNM 1.2 Cutting Nozzle	Oxygen & Propane (LPG)	6-12 mm
PNM003	PNM 1.6 Cutting Nozzle	Oxygen & Propane (LPG)	12-75 mm
PNM004	PNM 2.0 Cutting Nozzle	Oxygen & Propane (LPG)	75-150 mm
PNM005	PNM 2.4 Cutting Nozzle	Oxygen & Propane (LPG)	150-200 mm
PNM006	PNM 3.2 Cutting Nozzle	Oxygen & Propane (LPG)	200-300 mm
PNME001	PNME 0.8 Cutting Nozzle	Oxygen & Propane (LPG)	0-6 mm
PNME001	PNME 1.2 Cutting Nozzle	Oxygen & Propane (LPG)	6-12 mm
PNME001	PNME 1.6 Cutting Nozzle	Oxygen & Propane (LPG)	12-75 mm
PNME001	PNME 2.0 Cutting Nozzle	Oxygen & Propane (LPG)	75-150 mm
PNME001	PNME 2.4 Cutting Nozzle	Oxygen & Propane (LPG)	150-200 mm
PNME001	PNME 3.2 Cutting Nozzle	Oxygen & Propane (LPG)	200-300 mm

Used With Wescol NM 250 Cutting Torch

F Series 2890-F Cutting Nozzles



Part #	Product	Gas Type	Metal Thickness
2890-0F	0F Cutting Nozzle	Oxygen & Acetylene	3-6 mm
2890-1F	1F Cutting Nozzle	Oxygen & Acetylene	6-19 mm
2890-2F	2F Cutting Nozzle	Oxygen & Acetylene	19-40 mm
2890-3F	3F Cutting Nozzle	Oxygen & Acetylene	40-100 mm
2890-4F	4F Cutting Nozzle	Oxygen & Acetylene	100-125 mm
2890-5F	5F Cutting Nozzle	Oxygen & Acetylene	125-150 mm
2890-6F	6F Cutting Nozzle	Oxygen & Acetylene	150-200 mm

Used With HCM28 Cutting Torch

H Series Heating Nozzles



Part #	Product	Gas Type
HN001	1H - Heating Nozzle	Oxygen & Propane (LPG)
HN002	2H - Heating Nozzle	Oxygen & Propane (LPG)
HN003	3H - Heating Nozzle	Oxygen & Propane (LPG)
HN004	4H - Heating Nozzle	Oxygen & Propane (LPG)
HN005	5H - Heating Nozzle	Oxygen & Propane (LPG)

Used With Wescol Model C3 Shank and Mixer

Swaged Welding Nozzles

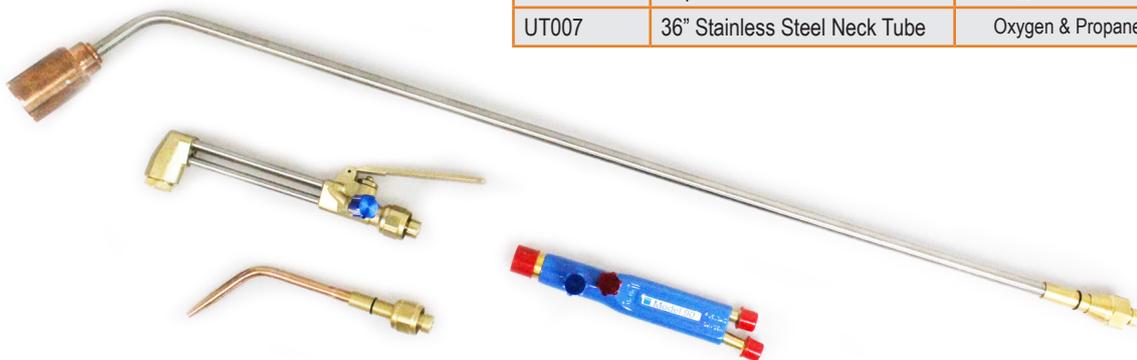


Part #	Product	Gas Type
SN001	Swaged Nozzle Size 1	Oxygen & Acetylene
SN002	Swaged Nozzle Size 2	Oxygen & Acetylene
SN003	Swaged Nozzle Size 3	Oxygen & Acetylene
SN004	Swaged Nozzle Size 5	Oxygen & Acetylene
SN005	Swaged Nozzle Size 7	Oxygen & Acetylene
SN006	Swaged Nozzle Size 10	Oxygen & Acetylene
SN007	Swaged Nozzle Size 13	Oxygen & Acetylene

Used With Wescol Model C3 Shank and Mixer

Wescol C3 Combination

Part #	Product	Gas Type
0117-001	Model C3 Shank	Oxygen & Acetylene Or Oxygen & Propane (LPG)
0117-002	Welding Mixer	Oxygen & Acetylene
0117-003	Model C3 Cutting Attachment	Oxygen & Acetylene Or Oxygen & Propane (LPG)
0117-004	Super Heat Mixer	Oxygen & Propane (LPG)
UT007	36" Stainless Steel Neck Tube	Oxygen & Propane (LPG)



Conforming to BS EN ISO 5172:1998

Set Consisting Of: Shank, 600mm Neck Tube, 50mm Burner Head, 5M LPG Hose, Gaugless Mini Pressure regulator with check valve

Complete LPG Set

Part #	Product
41611	Small Scale LPG Professional Heating Set



Propane Shank

Part #	Product	Gas Type	Inlet Connection
41000	Propane Shank with Shut-off Valve complete With Economiser	Propane (LPG)	3/8" LH

Brazing Attachment



Part #	Product
41061	Brazing Attachment 12mm
41062	Brazing Attachment 18mm

Neck Tube



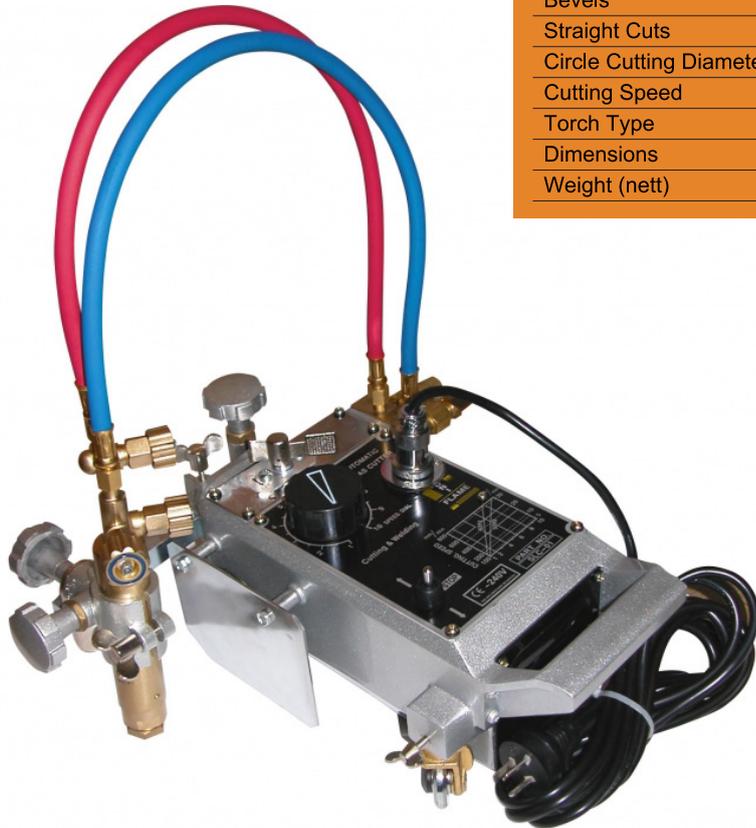
Part #	Product
41820	Neck Tube 220mm
41835	Neck Tube 350mm
41875	Neck Tube 750mm

Propane Burner Head



Part #	Product
41730	Burner Head 30mm
41740	Burner Head 40mm
41750	Burner Head 50mm

CG 30 Straightline Cutter



ORDER CODE	PTSK8440
Model	PCG-30
Cutting Capacity	5 - 60mm
Bevels	0 - 45°
Straight Cuts	1.8m & multiples
Circle Cutting Diameter	30 - 2400mm
Cutting Speed	180 - 800mm/min
Torch Type	Acetylene / LPG
Dimensions	350 x 140 x 175mm
Weight (nett)	10kg

Description

The CG-30 is an affordable portable Oxy fuel cutting machine. It is known around the world as one of the best portable cutting machines in the industry.

Features

- Performs high quality straight, circle and bevel cuts
- Step-less Drive System - Maintains constant travel speed even with high temperatures ensuring stable, trouble-free cutting
- Multiple Use Oxy Fuel Machine - Performs straight line & optional circle Oxy fuel cutting
- Light Weight - 9.5kg, easy to carry & use yet rugged enough to be a true workhorse
- Use on Radiagraph Track - Possible replacement for discontinued Radiagraph; user can use existing track
- Extendable 1800mm Track Sections - Cut longer parts. 2 more pieces 1800mm tracks are recommended per set machine.
- High Quality Tips - Superior design torch tips are included to ensure fast, smooth cuts
- Includes 1 torch and 3 tips & 1800mm rail
- Optional Snap Valve - One-touch on/off gas valve

Gas Accessories - Fittings

Union Nuts



Part #	Product
UN001	Union Nut 1/4" Right Hand
UN002	Union Nut 1/4" Left Hand
UN003	Union Nut 9/16" Right Hand
UN004	Union Nut 9/16" Left Hand
UN005	Union Nut 3/8" Right Hand
UN006	Union Nut 3/8" Left Hand
UN007	Union Nut 1/2" Right Hand
UN008	Union Nut 1/2" Left Hand
UN009	Union Nut 3/4" Right Hand
UN010	Union Nut 3/4" Left Hand

Tail Pieces



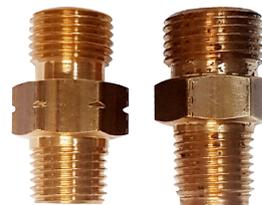
Part #	Product
TP001	Tail Piece 1/4" x 6mm
TP002	Tail Piece 9/16" x 8mm
TP003	Tail Piece 3/8" x 5mm
TP004	Tail Piece 3/8" x 8mm
TP005	Tail Piece 3/8" x 10mm
TP006	Tail Piece 9/16" Threaded RH x 8mm
TP007	Tail Piece 9/16" Threaded LH x 8mm
TP008	Tail Piece 3/8" Threaded RH x 8mm
TP009	Tail Piece 3/8" Threaded LH x 8mm
TP010	Tail Piece 1/2" x 8mm
TP011	Tail Piece 1/2" x 10mm
TP012	Tail Piece 1/2" x 13mm
TP013	Tail Piece 1/2" Threaded RH x 9mm
TP014	Tail Piece 3/4" x 11mm
TP015	Tail Piece 3/4" x 13mm

Double Nipples



Part #	Product
DN001	Double Nipple 1/8" x 1/8" RH
DN002	Double Nipple 1/8" x 1/4" RH
DN003	Double Nipple 1/4" x 1/4" RH
DN004	Double Nipple 1/4" x 1/4" LH
DN005	Double Nipple 1/4" LH x 1/4" RH
DN006	Double Nipple 9/16" x 9/16" RH
DN007	Double Nipple 9/16" x 9/16" LH
DN008	Double Nipple 3/8" x 3/8" RH
DN009	Double Nipple 3/8" x 3/8" LH
DN010	Double Nipple 1/2" x 1/2" RH
DN011	Double Nipple 1/2" LH x 1/2" RH
DN012	Double Nipple 3/4" x 3/4" RH
DN013	Double Nipple 3/4" x 1" RH

Regulator Outlet Nipples



Part #	Product
RON001	Regulator Outlet Nipple 1/4" x 3/8" RH
RON002	Regulator Outlet Nipple 1/4" x 3/8" LH
RON003	Regulator Outlet Nipple 1/4" x 9/16" RH
RON004	Regulator Outlet Nipple 1/4" x 9/16" LH
RON005	Regulator Outlet Nipple 1/4" x 1/4" RH
RON006	Regulator Outlet Nipple 1/4" x 1/4" LH

Gas Accessories

Tanjant Gas Cutting Torch Radius Kits

Part #	Product
TAN001	Tanjant GP3001SC Radius Guide Kit For Smith SC Cutting Torches
TAN002	Tanjant GP3001H28 Radius Guide Kit For Wescol HCM28 Cutting Torches
TAN003	Tanjant GP3001U Radius Guide Kit For Wescol NM250 Cutting Torches

Optional: Tungsten Bevel Pin & Spare Tungsten Pin



- Suits all Type of Gas Torches
- Includes industry leading Roller Guide
- Cuts circles 25mm to 1050mm in diameter
- Optimum tip height at all times
- Unique rotating bush allows circles to be cut from one position by turning guide frame
- Magnet Pivot for increased stability and efficiency
- Bevel edging attachment for weld preparation
- Stabilizer for rock steady circle cutting
- CNC machined quality parts, brass forgings, stainless rails and axles

Regulator Bull Nose Nuts



Part #	Product
OBN001	Bull Nose Nut Oxygen 5/8" RH
ABN001	Bull Nose Nut Fuel Gas 5/8" LH
NN001	Bull Nose Nut Nitrogen 3/4" RH
BRC001	Bull Nose Nut Plastic Protection Cap

Regulator Bull Nose Stems



Part #	Product
1000-179	Bull Nose Stem With Filter – 83mm Long
1000-482	Bull Nose Stem With Filter – 100mm Long
1000-429	Bull Nose Stem With Filter – 120mm Long

All Bull Nose Stems are fitted with filter

Hose Joiners



Part #	Product
HC001	Hose Joiner 4mm x 4mm
HC002	Hose Joiner 6mm x 6mm
HC003	Hose Joiner 8mm x 8mm
HC004	Hose Joiner 10mm x 10mm
HC005	Hose Joiner 12mm x 12mm
HC006	Hose Joiner 8mm x 5mm

Gas Hose & Clamps



Part #	Product
Gas Hose	
Hose001	Gas Hose Oxygen 8mm – Blue
Hose002	Gas Hose Acetylene 8mm – Red
Hose003	Gas Hose Propane (LPG) 8mm – Orange
Parallel Hose Holders	
HH001	Black Plastic Parallel Hose Holder
HH002	Steel Parallel Hose Holder
Two Ear Clamps	
2EC001	Two Ear Clamp 7-9mm
2EC002	Two Ear Clamp 9-11mm
2EC003	Two Ear Clamp 11-13mm
2EC004	Two Ear Clamp 13-15mm
2EC005	Two Ear Clamp 15-18mm
Rex-Hutbinder	
000161	Rex-Hutbinder Hose Clamp



Hose Confirming To EN ISO 3821

Gas Accessories



Part #	Product
MS001	Multi Purpose Spanner



Part #	Product
TFL001	Triple Flint Lighter
8913	Flint Renewal
8951	Nozzle Cleaner - Long
PCP001	Pincer Plier



Laco Sure-Check

Part #	Product
SC001	Sure-Check - Gas leak Detector 473ml



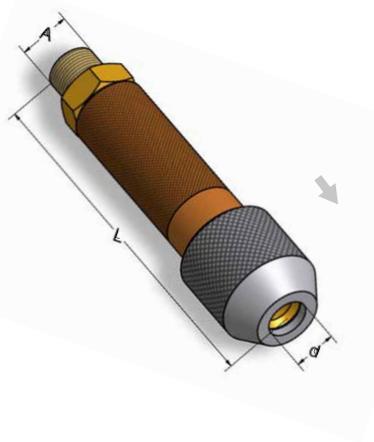
- All-temperature formula: -55°F to 200°F (-48°C to 93°C)
- Ultra-sensitive; long-lasting bubbles
- Fluorescent for improved visibility
- Available in handy spray bottle
- Non-corrosive, non-toxic

Contessi Lancing



Oxygen Lancing Equipment

OXYGEN LANCE HOLDER						
Lance Diameter d (external)		Coupling	Dimensions			Part #
Nominal ϕ	Range of tolerance	A ⁽²⁾	ϕ max	L		
BSP	mm	mm ⁽¹⁾	BSP/GAS	mm	mm	
--	6	4,8-6,3	3/4"	40	135	0645-270061
--	8	6,4-8,3	3/4"	40	135	0645-270081
1/8"	10	9,1-10,2	3/4"	40	135	0645-270101
1/4"	13	12-13,7	3/4"	40	135	0645-270141
3/8"	17	16-17,2	3/4"	55	175	0645-270171
1/2"	21	20-21,5	3/4"	55	175	0645-270211
3/4"	27	26-27,3	1"	60	190	0645-270271



Lance Holder

FEATURES

All materials in contact with Oxygen are bronze or brass. Seals manufactured out of self-extinguishing abrasion-resistant rubber. This ensures the safety of the inserted lance by the combination of clamp and rubber sleeve. Quick lance locking by rotating nut. Suitable for operations of ladle/tundish opening and unloading.

All Contessi Lance connection points utilise copper compression seals

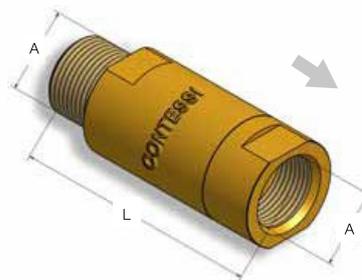
Contessi Lancing



Valvola Safety Valve

FEATURES

Fitted with a non-return valve and a thermal device to shut off oxygen in case of backfire or slag return. If the thermal device operates the unit must be dismantled for repair. Inlet connection: BSP thread male. Outlet connection: BSP thread female



5250			
Coupling	Dimensions		Part #
A	ϕ max	L	
BSP/GAS	mm	mm	
3/4"	36	90	0646-331601

- NON-RETURN VALVE
- THERMAL CUT-OFF VALVE
- SLAG ARRESTOR
- PROTECTION AGAINST INCORRECT LANCE INSERTION

All Contessi Lance connection points utilise copper compression seals

Contessi Lancing



500mm Extension Tube

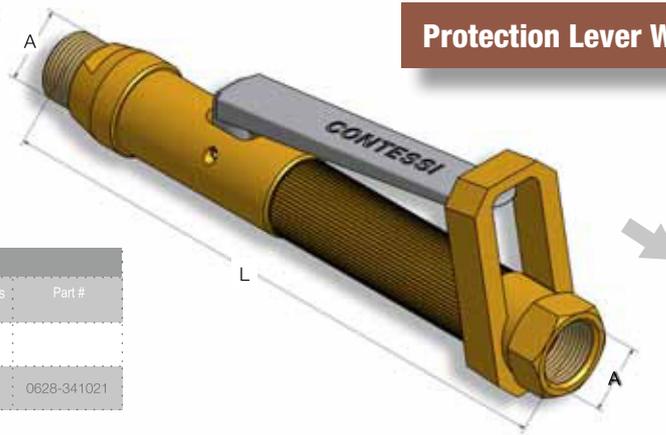
STRAIGHT			
Coupling	Dimensions		Part #
A (BSP/GAS)	D	L	
3/4"	32	500	0610-220201

COMES WITH DEFLECTOR SHIELD

Contessi Lancing



Oxygen Lancing Equipment



Protection Lever With Deadman Fail Safe Valve

5246			
Model	Coupling	Dimensions	Part #
	A (BSP/GAS)	L mm	
Protected lever	3/4"	260	0628-341021

FEATURES

Valve offering maximum operator safety. The flow of oxygen is regulated by the gradual pressure exercised by the operator on the lever. Release of the lever interrupts the oxygen flow.
 Inlet connection: BSP thread male
 Outlet connection: BSP thread female

Contessi Lancing

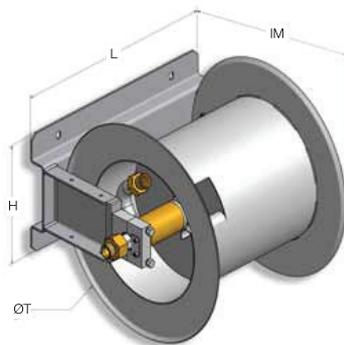


15M Self-Extinguishing Flexible Metal Braided Hose

FEATURES

Our flexible hoses are particularly recommended for oxygen. Resistant to ozone and abrasion, their surface in contact with the gas is particularly smooth. Manufactured out of self-extinguishing rubber (ASTM-C542) and according to EN-ISO 3821 (replacing UNI EN 559). Operating pressure 25 bar (40 bar on request). Brass running nut connections at both ends with spherical seat attachment.

Contessi Lancing



Take-Up Reel Complete With Dome Hood & Roller Guide



Protection dome and hose roller guide

FEATURES

Take-up reel for one flexible hose under pressure, with automatic drum stop (except for the 191 series) and hose pay-off device. Galvanized plate construction. Pressure-tight rotary seals. By using the take-up attachment, the hoses are not left lying on the factory floor where they could become damaged when heavy objects are shifted around, thus ensuring complete safety for the operators. Can be used not only for non-corrosive process gases, but also for water, air, oil and other fluids (provided they are non-corrosive). The pivot bracket (supplied on request) allows the take-up reel to be rotated in order to fix it in the most suitable working position.

TAKE-UP REEL FOR ONE FLEXIBLE HOSE								
Series	Coupling inlet/ outlet (BSP)	Max ø of hose	Max hose length	Dimensions				Part #
				H	L	T	IM	
116*	3/4" Dx	23	15	500	300	350	480	0650-261169

Oxygen Lancing Equipment



PP21

PRESSURE REDUCING BOXES FOR WORKING PLACES

Series	Type of gas	Operating pressure	Flow range	Part #
		bar	Nm³/h	
PPO/21	Oxygen	1,5÷15	40÷110	0640-105811
PPG/21	Fuel gas	0,8÷8	20÷40	0640-105803
PPO/23	Oxygen	1,5÷15	40÷300	0640-105831
PPG/23	Fuel gas	1,5÷15	40÷250	0640-105823

Pressure Reducing Box

FEATURES

The pressure reducing boxes can be connected to the gas line at each point where oxygen, combustible and inert gasses are being used. Pressure can be regulated for all purpose gas-welding, oxy-cutting, heating and electric welding with protected atmosphere. The protecting boxes are made entirely of stainless steel, with fixing holes and contain opening-closing valve, reducing valve with gauge, safety valve, for oxygen and combustible gases.



THE ULTIMATE DEVICE IN WELDERS SAFETY

Do you want to reduce or eliminate the risk of electrocution whilst welding?

THE ONLY DEVICE THAT OFFERS A 0 Volt OCV WHILST WELDER IS NOT WELDING OR CHANGING ELECTRODE

Conforms to International Standard: IEC 60974-1:2012 & South African Standard: SANS 60974-9:2011
 ICASA Certified – Certification Number: TA-2016/2718

Z-RID Safety Device

0 Volts Remote Isolation Device

Part #	Product
R2-001	Z-RID On/Off Switch Remote Isolation Device
R3-001	Z-RID Inline Power Box Remote Isolation Device
R4-001	Z-RID Inline 400A 0 Volts Remote Isolation Device Secondary Unit
R4-002	Z-RID Inline 500A 0 Volts Remote Isolation Device Secondary Unit – Mobile Carry Box
R4-003	Z-RID Inline 800A 0 Volts Remote Isolation Device Secondary Unit
R5-001	Z-RID 0 Volts Remote Isolation Device



ZRID
a Revolution in
elding Safety
and Control

**Z-RID Safety Device is the only
Device to Offer 0 (ZERO) Volts OCV
(Open Circuit Voltage)**



R4 - 400 amp Inline



R8 - Repeater



R4 - 800 amp Inline



Z-RID Transmitter & Transmitter Holders Also Available Separately



Transmitter transmits to a range of 50 metres.
R8 - Repeater can repeat and boost range for
multiple operators in a single area.
I.e. Working in steel vessel/chutes.

Why INVEST in ZRID?

The trigger is the most successful control device in history for human hand control. The ZRID Smart Wireless Trigger provides the Power, Control and Safety to initiate on action.

ZRID is a self testing/confirmation device every time the arc is broken.

ZRID switches OFF power to the welding cable when not welding therefore eliminating accidental arc ray flashes and electric shocks. ZRID is not a self start device and does not reset/restart automatically.

ZRID can be installed on all AC/DC welding machines such as Stick Mig, Tig HF, Plasma. ZRID reduces maintenance costs on mechanical switches, control cables, plugs and sockets and increases productivity.

ZRID reduces the risk of R.S.I. (Repetitive (Management Time Injury) and reduce insurance claims.

when changing electrodes.

ZRID is a lockout device with its own patented technology.

Synergic Pro² Range



Whether you want to

- Weld steel, stainless steel or aluminium,
- Process thick or thin materials,
- MIG Solder galvanised or aluminium sheets,

The precise working of the high-quality performance components in our units leads to convincing welding characteristics and, at the same time, high melting performance.

Part #	Product
1031705	REHM Synergic Pro ² 170-2
1031905	REHM Synergic Pro ² 190-2
1032302	REHM Synergic Pro ² 230-2 AM
1032304	REHM Synergic Pro ² 230-4 Quattro
1032802	REHM Synergic Pro ² 280-2
1032804	REHM Synergic Pro ² 280-4
1033105	REHM Synergic Pro ² 310-4
1122505	REHM Synergic Pro ² 250-4
1123005	REHM Synergic Pro ² 300-4
1123006	REHM Synergic Pro ² 300-4 S
1123600	REHM Synergic Pro ² 350-4
1123601	REHM Synergic Pro ² 350-4 S
1123610	REHM Synergic Pro ² 350-4 W
1123611	REHM Synergic Pro ² 350-4 WS
1124600	REHM Synergic Pro ² 450-4
1124601	REHM Synergic Pro ² 450-4 S
1124610	REHM Synergic Pro ² 450-4 W
1124611	REHM Synergic Pro ² 450-4 WS

Mig Torch, Return Cable & Flowmeter Not Included

All Units Carry the CE and S Mark & Meet the EN 60974-1 Standard

TECHNICAL DATA FOR SYNERGIC.PRO² 170-2 – 310-4

Type		170-2	190-2		230-2 AM	230-4 QUATTRO MIG	280-2	280-4	310-4
Setting range	[A]	30-170	30-140	50-190	15-230	15-230	35-280	35-280	35-300
Duty cycle I _{max} 40 °C	[%]	30	50	30	40	40	40	40	40
Welding current*	[A]	80	100	105	150	150	180	180	210
Open circuit voltage	[V]	22-37	22-33	23-40	15-37	15-37	17-37	17-37	17-41
Switching levels		6	6		10	10	10	10	12
Wire feed		2 rollers	2 rollers		2 rollers	4 rollers	2 rollers	4 rollers	4 rollers
Power supply	[V]	1x230	1x230	2x400	3x400	3x400	3x400	3x400	3x400
Fuse (time lag)	[A]	20	20	16	16	16	16	16	16
Torch cooling type		Gas	Gas		Gas	Gas	Gas	Gas	Gas
Protection grade		IP 21	IP 21		IP 21	IP 21	IP 21	IP 21	IP 21
Weight	[kg]	54	60		68	68	72	72	78



Mega.Arc² Range



The quick and reliable route to greater quality and efficiency
With the MEGA.ARC² you can operate beyond the usual limits of a MIG-MAG arc.

Your work becomes simpler and easier than ever before.
Without having to sacrifice your priorities. Welding as you've never experienced it before.

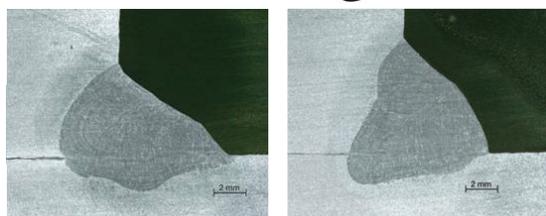
The MEGA.ARC² series units are particularly robust and well thought through, and are therefore specially designed for tough industrial use welding thin or thick plates of steel, stainless steel or aluminium.

FOCUS.ARC –

Welding in a new dimension

FOCUS.ARC one again substantially extends the area of applications for the welder:

- Reliable root formation
- Exceptionally deep penetration
- Reduced heat transfer
- Reliable edge formation
- Reduced undercutting
- Less weld preparation
- Welding in confined spaces with a short, powerful arc
- The highly focused arc alters penetration substantially, decreasing the seam opening angle and enabling the production of new seam geometries.
- FOCUS.ARC is ideal for applications that depend on deep penetration and reliable root formation.



Without FOCUS.ARC

With FOCUS.ARC

Mig Torch, Return Cable & Flowmeter Not Included

All Units Carry the CE and S Mark & Meet the EN 60974-1 Standard

Part #	Product
1330260	REHM Mega.Arc ² 250-4
1330310	REHM Mega.Arc ² 300-4
1330361	REHM Mega.Arc ² 350-4 S
1330360	REHM Mega.Arc ² 350-4 WS
1330460	REHM Mega.Arc ² 450-4 WS

TECHNICAL DATA MEGA.ARC²

Type		MEGA.ARC ² 250-4	MEGA.ARC ² 300-4	MEGA.ARC ² 350-4 S	MEGA.ARC ² 350-4 WS	MEGA.ARC ² 450-4 WS
Setting range	[A]	25 – 250	25 – 300	25 – 350	25 – 350	25 – 450
Duty cycle at 40 °C and I _{max} ambient temperature	[%]	50	50	50	50	50
Welding current at 100% duty cycle (40 °C)	[A]	180	220	250	250	320
Open circuit voltage	[V]	68	68	68	68	68
Power supply	[V]	3 x 400	3 x 400	3 x 400	3 x 400	3 x 400
Continuous power at 100% duty	[kVA]	5,8	7,6	9,2	9,2	13,4
Fuse (slow)	[A]	16	32	32	32	32
Power factor	[cos phi]	0,98	0,98	0,98	0,98	0,98
Insulation class		H	H	H	H	H
Cooling type		AF	AF	AF	AF	AF
Torch cooling		gas	gas	gas	water	water
Protection Rating		IP 23	IP 23	IP 23	IP 23	IP 23
Weight (with case)	[kg]	120	124	170	173	176
Dimensions LxWxH (with case)	[mm]	1030 x 605 x 845		1030 x 605 x 845 (1030 x 605 x 1410)		
				1330361	1330360	1330460

Barracuda RTC Range

Part #	Product
1422835	REHM Barracuda RTC 60 Plasma Cutter
1424535	REHM Barracuda RTC 100 Plasma Cutter
1424535	REHM Barracuda RTC 150 Plasma Cutter

DUAL INPUT VOLTAGE
380/525 Volt

UNINTERRUPTED CUTTING OF PERFORATED SHEETS
Thanks to material orientated high speed pilot and cutting current control



Comes complete with 6M Air Cooled Hand Torch, Return Cable & Air Mist Separator

All Units Carry the CE and S Mark & Meet the EN 60974-1 Standard

TECHNICAL DATA BARRACUDA RTC				
Type		RTC 60	RTC 100	RTC 150
Setting range, continuous	[A]	10-60	15-100	25-150
Duty cycle at 1 max (10 min)	[%]	60	60	60
Cutting capacity max.	[kw]	5,7	11,5	21
Current / voltage at 100 % duty cycle	[A/V]	50/90	80/105	130/130
Power supply voltage	[V]	3x 400 / 50 Hz		
Power consumption max.		7,5	13,5	24,5
Fuses (delayed action)	[A]	16	20	35
Power factor	[cos phi]	0,97	0,97	0,97
Degree of protection		IP 23	IP 23	IP 23
Dimensions (LxWxH)	[mm]	345x460x885	655x375x885	
Weight	[kg]	54	95	129
Max. quality cut with REHM power torch		15 mm	30 mm	40 mm
Max. separating cut, manual cut with ST 37/ 52		22 mm	40 mm	50 mm

Maximum efficiency and first-class cutting quality are the particular features of REHM plasma arc cutting units. The Barracudas are equipped with the fully proven and patented REHM transistor heavy-duty circuit breaker. Amply dimensioned power components and 100%-checked quality are a guarantee for the dependability of the Barracudas in tough applications for industry and professionals.

- Universal applicably for steel, stainless steel, aluminium non-ferrous metals and other electrically conducting metals, even with painted surfaces.
- Optimum cutting quality thanks to
 - precisely regulated and stepless adjustable cutting current
 - high performance reserves even at the critical end of the cut
 - exact control with voltage compensation
- Maximum economic efficiency from high cutting speed with simultaneously long service life and optimum cutting quality
- Reliable ignition using REHM Zetronik is possible both for contact and distant cutting with hose assembly up to 20m
- Long service life thanks to shutdown of the controlled pilot current during cutting, soft start function, and micro-controlled cutting current with patented transistor module

REHM TIG UNITS



TIGER Digital Range



THE LIGHTEST
TIG-DEVICE IN
THE REHM - CLASS
from **7,1 kg**
TIGER
Setting the pace in Tig

The ULTRA version includes two additional options; the 17.5 kHz HYPER.PULS technology and the DUAL WAVE technology. The ULTRA version also has over 99 memory locations for recurring welding programs and an extended scope for individually setting different welding parameters.

Part #	Product
1503526	REHM Tiger 180 AC/DC Ultra
1503566	REHM Tiger 230 AC/DC Ultra

TIGER® digital		180 AC/DC ULTRA	230 AC/DC ULTRA
Setting range TIG	[A]	4-180	4-230
Duty cycle (ED) at I _{max} . (10 min.) at 40 °C TIG	[%]	40	35
Mains connection	[V]	1 x 230	1 x 230
Mains frequency	[Hz]	50/60	50/60
Fuse (slow-blow)	[A]	16	16
Torch cooling		Gas/water*	Gas/water*
Protection type		IP 23 S	IP 23 S
Power factor	[cos phi]	0.98	0.99
Power consumption at I _{max} .	[kVA]	6.1	5.8
Insulation class		F	F
Control socket	[pin]	19	19
Welding cable socket	[mm]	13	13
Weight	[kg]	7.3 / 15.8**	7.9 / 16.4**
Dimensions (LxWxH)	[mm]	480 x 160 x 320	480 x 160 x 320

**SINGLE DIGITAL
MULTI-FUNCTION
SELECTOR FOR
NAVIGATION TO
ALL APPLICATIONS**

Comes complete with 4M Gas Cooled Tig Torch, Return Cable & Flowmeter in a Carry Case

Foot Control Optional

All Units Carry the CE and S Mark & Meet the EN 60974-1 Standard

The mobile solution for all welding tasks that trades encounter every working day. Regardless of whether the task involves the processing of stainless steel, aluminium, steel, copper or titanium in different material thicknesses. **The TIGER® can do it all!**

The TIGER® with its 8 process variants masters any application with the correct arc.

**ENCAPSULATED TUNNEL COOLING SYSTEM
avoids dirt contamination**

Dropping without failure...

The unit can be dropped from 90cm without failure!



and from a height of up to 90 cm. The TIGER® housing is designed so that the impacts that occur from being dropped from this height do not cause damage to the electronics.

Invertig.Pro Digital Compact

Part #	Product
1422835	REHM Invertig.Pro 280 AC/DC Digital Water-cooled Compact
1424535	REHM Invertig.Pro 450 AC/DC Digital Water-cooled Compact

- Comes complete with 4M Gas Cooled Tig Torch, Return Cable & Flowmeter
- Foot Control Optional
- All Units Carry the CE and S Mark & Meet the EN 60974-1 Standard



TECHNISCHE DATEN INVERTIG.PRO COMPACT

Type			280 AC/DC digital	450 AC/DC digital
Welding current at 100 % (ED)	TIG Electrode	[A]	280 280	450 360
Duty cycle (DC) at I max (10 min/40 °C)	TIG Electrode	[%]	100 60	100 100
Supply voltage		[V]	3 x 400 V 50 Hz	3 x 400 V 50 Hz
Fuse		[A]	16	32
Torch cooling			water	water
Weight	DC AC/DC	[kg]	76 78	81 82
Dimensions L x W x H		[mm]	855 x 600 x 900	855 x 600 x 900
Article number	DC AC/DC		1422830 1422835	1424535

INVERTIG.PRO COMPACT

Flexibility with integrated water cooling
The water-cooled INVERTIG.PRO COMPACT series is the right solution for a wide range of tasks. The compact combination units offer the user complete flexibility, whilst at the same time meeting the highest standards of performance and consistent quality levels.

The INVERTIG.PRO COMPACT combines the finest welding technology with being easy to use. A unique synergy of the best Bi-Power inverters with precise, digital welding process control, giving welding properties never before achieved until now.

maximum ease of use – even with gloves

The large, clear control panel is self-explanatory. The area that most matters to the user, the welding parameters, can be accessed quickly and safely using the centrally positioned push and turn knob, the R-pilot. Via the QUICK CHOICE shortcut keys P1 and P2, two current settings for a welding job can be saved and retrieved quickly and easily.

The easy way to zero-defects

Perform a wide range of tasks with one unit
Spot and interval welding The spot and interval programs allow welding times from 0.01 seconds upwards.

You benefit from:

The welding current can be significantly increased by dosing accurately when tacking. This results in less component distortion, less discolouration and a consistent quality in all tack welds. Thereby reducing rework and costs.

Dual Wave:

aluminum welding made easy and reliable
Dual Wave reduces the excess AC component in the arc to the level required for optimal welding results minimum. The controllability of the weld pool is significantly improved due to reduced heat input. The longer outgassing time reduces pores in the melt.

You benefit from:

Safer production with higher quality.

AC waveforms and automatic AC waveforms

The right AC waveform for your welding job – choose from sine, triangle or rectangle.

You benefit from:

For every application, the perfectly modulated AC arc. For AC digital devices in the INVERTIG.PRO range, the waveform that matches the welding job is set automatically by the welder using the REHM aC-matic.

Technology that thinks!

Merkle MIG UNIT



OptiMig 451 DW

Part #	Product
115.222	MERKLE OptiMig 451 DW 380/525 Volts

The features are:

Simple, self explanatory control panel with extra large function knobs.
 Integrated water cooling system as a standard.
 Precise setting of the welding current due to max. 42 steps.
 Synergic wire feed automatic as a standard: only turn the step selector to the required position and the wire feed speed will be adapted automatically.



DUAL INPUT VOLTAGE 380/525 Volt

Technical data:

OptiMIG 451 DW

Primary:	
Supply voltage	3 x 400/525 V
Frequency	50 Hz (60 Hz)
Continuous power	14.5 kVA
Continuous current	21 A
Max. current	36 A
Secondary:	
Open circuit voltage	17 - 52 V
Welding voltage	15 - 36,5 V
Welding current	25 - 450 A
Duty cycle 40 % (10 min.)	450 A (40 °C)
Duty cycle 60 % (10 min.)	420 A (40 °C)
Duty cycle 100 %	340 A (40 °C)
Protection class	IP 23
Isolation class	H
Cooling	AF
Voltage setting	42 steps
Wire feed	automatic control / synergic wire feed
Operation mode	2-stroke/4-stroke/stitch/spot welding
Welding/intermission time	stepless control
Wire burn back	stepless control
Wire soft start	dynamic soft start automatic
Choke	2 stage 100 % and 60 % (optional)
Torch cooling	water cooled
Cooling system	integrated water cooler with efficient water pump
Torch connector	Euro connector
Wire feed system	4-roller drive DV-26 (0,5-25 m/min.) option DW: high performance wire feeder DV-31 (0,5-30 m/min.) with wire straightener
Fan control	automatic
Display	digital for current/voltage/wire feed speed/material thickness with pre-display and hold function
Push Pull torch (option)	DW version: socket
Remote control (option)	DW version: wire feed speed
Norm	EN 60974-1 "S" / CE
Gas bottle holder	for 10 l, 20 l or 50 l cylinders
Weight	KW: 200 kg, DW: 220 kg
Dimensions l x w x h	KW: 990 x 510 x 845 DW: 990 x 510 x 1135

Setting and display of the wire trim by means of the TEDAC® torch. Storage of changed values: in each step the individual value trimmed by the TEDAC® torch is stored. Adjustable creep start and wire burn back. Selector: 2-stroke/4-stroke/stitch/spot welding. Safety cut-off in 4-stroke operation. High speed wire insertion automatic. 4-roller drive wire feeder as a standard. Automatic switching of fan and water pump. 2-stage choke for reduced spatters. (option) Digital read-out of the welding current, welding voltage, wire feed speed and material thickness, with pre-display and HOLD function. Integrated water cooling system with efficient water pump. Lowered galvanized gas bottle holder (10 l, 20 l or 50 l cylinders) assures a safe positioning of the cylinders. Approved for operation in confined areas, S-symbol. Easy handling of the unit due to big and robust swivel and carrier wheels. Connection for push pull torch or remote control in version DW (option).

UNITS WITH SEPARATE WIRE FEEDER:

All units version DW are built with a separate wire feeder. The connection cable is clampable and pluggable at the machine and at the wire feeder. A maximum length of up to 30 m is available. The wire feeder can be mounted on a rotary device, in vertical or horizontal position or on wheels.

Using the slide switch mounted on the top of the TEDAC® torch handle, the arc trim can be manually adjusted during the welding process. Using a visually good, multicolour LED indicator any arc trim modifications will be shown directly on the TEDAC® torch. The colours will change in a stepless sequence from green (the lowest setting) through yellow (low setting) through orange (medium setting) up to red (maximum setting). The TEDAC® lends itself very well for any work in hard to reach positions due to the fact that the operator can control the welding process from the TEDAC® system and does not need to return to the power source to change settings. Thanks to the standard EURO torch connector no added control wires are required.

Comes complete with 4M TEDAC SBT504W Water Cooled Torch, Return Cable, Rotatable Device, 5M Interconnecting Cable & Flowmeter

Complete With Closed Loop Liquid Cooling System, CE and S Mark & Meets the EN 60974-1 Standard

Merkle Pulse MIG UNIT



MERKLE HighPuls 354K



New multifunctional control panel for maximum comfort and convincing safety

Easy to use, even with gloves. Great visibility in dark surroundings through bright LEDs

Innovative welding torch TEDAC® DIGITAL with unique digital display at the torch

All welding processes like DeepARC, ColdMIG, HighUP & ProSWITCH included as a standard

Part #	Product
SET118.546	MERKLE HighPuls 354K

Comes complete with 4M TEDAC SBT504W Water Cooled Torch, Return Cable, TW112 Trolley With Draw & Flowmeter

Complete With Closed Loop Liquid Cooling System, CE and S Mark & Meets the EN 60974-1 Standard

Technical Data HighPULSE 354 K

Primary:	
Power supply	
Frequency	
Continuous power	12.5 kVA
Continuous current	18 A
Max. current	25 A
cos phi	
Secondary:	
Open circuit voltage	57 V
Welding voltage	15-31.5 V
Welding current	25-350 A
Duty cycle 35 % (10 min.)	-
Duty cycle 40 % (10 min.)	350 A (40 °C)
Duty cycle 50 % (10 min.)	-
Duty cycle 60 % (10 min.)	330 A (20 °C) 280 A (40 °C)
Duty cycle 100%	280 A (20 °C) 250 A (40 °C)
Protection class	IP 23
Cooling	AF
Arc length	automatic energy control
Programs	MIG/MAG, PulseARC, MMA/stick electrode, MIG brazing, Interpulse, ColdMIG, DeepARC, HighUP, ProSWITCH
TIG (DC) welding	with LiftTIG ignition
Program selection	material, wire diameter and gas at the display
Wire feed	synergic wire feed control
Operation modes	2-stroke, 4-stroke, interval, stitch
energy control	control at the machine, TEDAC®torch, job mode
Adjustable parameters	choke inductance, pulse shape
Power source	inverter
Digital display	current, voltage, wire feed speed and material thickness with pre-display and hold function
Wire feeder unit	4-roller-drive DV-26 integrated
Torch cooling	option: separate water cooler WK 300
Norm	EN 60974-1"S"/CE
Gas bottle holder	optional with trolley TW 112 10 - 20 l cylinders
Weight	36,5 kg
Dimensions L x W x H:	600 x 300 x 565

The Merkle HighPULSE comes with a new design of the operation panel, it offers a number of firstclass advantages.

New multifunctional control panel for maximum comfort and convincing safety

Easy to use, even with gloves

Large and bright LEDs with great visibility even in dark surroundings

Large LED display for all important functions

Clear arrangement of all functions

New rotary switches for comfortable operation

 DeepARC

 ColdMIG

 HighUP

 ProSWITCH

Merkle Tig UNIT



Insquare W 421 AC/DC

Part #	Product
SET122.628	MERKLE Insquare W 421 AC/DC



- Comes complete with 4M TH451W Water Cooled Tig Torch, Return Cable & Flowmeter
- Foot Control Optional
- Complete With Closed Loop Liquid Cooling System, CE and S Mark & Meets the EN 60974-1 Standard

- IGBT inverter power sources.
- 3-phase inverter with low primary current.
- Stable arc in AC over the full range due to square wave or noise reduced wave.
- Continuous setting of the welding frequency in AC.
- MMA/stick electrode welding.
- Perfectly smoothed DC gives outstanding welding characteristics in TIG and electrode welding.
- DC high frequency pulse for concentrated arc.
- Perfect arc ignition over the whole range due to separate ignition circuit.
- A minimum of radiation caused by the HF-ignition unit.
- Efficient cleaning in AC.
- Special filters mounted to avoid radiation.

Technical data.

W 421 AC/DC

Power supply	3 x 400 V
Frequency	50 (60) Hz
Continuous power	14.5 kVA
Continuous current	21 A
cos phi	0.95

Secondary:

Operation mode	AC and DC
No load voltage	80 V
Welding voltage	10 - 26.8 V
Welding range	5 - 420 A
Duty cycle 50 % (10 min)	420 A (20 °C)
Duty cycle 60 % (10 min)	360 A (40 °C)
Duty cycle 80 % (10 min)	
Duty cycle 100 %	310 A (40 °C)

MMA/Electrode Welding:

No load voltage	80 V
Welding voltage	20 - 36.8 V
Welding range	5 - 420 A

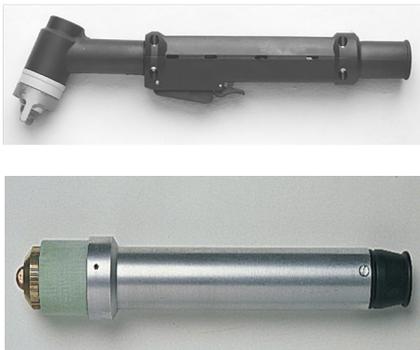
AirCUT 120 W

Part #	Product
114.470	MERKLE AirCUT 120 W 380/525 Volts

DUAL INPUT VOLTAGE
380/525 Volt

Only requires
Continues 4.5 Bar Air Pressure

- Comes complete with 8M Water Cooled Hand Torch, Return Cable & Air Mist Separator
- 8M Water Cooled Machine (Profile) Torch
- Complete With Closed Loop Liquid Cooling System, CE and S Mark & Meets the EN 60974-1 Standard



Plasma cutting with compressed air or other inexpensive gases is being used more every day as an alternative to acetylene.

All conductive metals, hardened or non-hardened steels, alloys, aluminium and its alloys, copper, brass, cast iron and titanium can be easily cut with plasma.

Plasma cutters are used in various branches as steel construction, assembly works, repairs, automobile repairs etc.

The success of plasma cutting is simply the plasma beam, an electric arc, which produces an extremely narrow and intensive arc, with limited heat.

The arc temperature is approximately 13000°C. Under this intensive heat the work piece heats so quickly that lateral heat transfer is limited to a minimum. This heat concentration, combined with an applied energy of 106 W/cm² provides rapid cutting and a small cut.

Narrow cut width with high linear cutting speeds positively effects:

- raw material
- energy costs
- material distorsion.
- wages
- logistic requirement

Technical Data:

AirCUT 120 W

	120 A step		80 A step		40 A step	
	without	with 300	without	with 300	without	with 300
Compensation						
Power supply	3 x 400 V					
Frequency	50 (60) Hz					
Continuous current	48 A	37 A	34 A	26 A	20 A	13 A
cos phi	0,5	0,7	0,7	0,8	0,8	0,85
Dauerleistung						
Dauerstrom	13,8 kVA					
Secondary:						
Open circuit voltage	280 V					
Cutting voltage	100 V					
Cutting current	120 A		80 V		40 A	
Duty cycle 35 % ED (10 min.)						
Duty cycle 60 % ED (10 min.)	120 A					
Duty cycle 80 % ED	80 A					
Duty cycle 100 % ED	40 A					
Performance	max. 50 mm					
Energy control	3 steps					
Perforated sheets cutting	-					
Cutting gas	compressed air					
Pressure indicator	pressure gauge					
Pilot current	timer controlled					
Air post flow time	adjustable					
Torch cooling	integrated water cooling system					
Plasma connection	plasma central connector					
Power source	Transformater					
Protection	IP 23					
Norm	EN 60974-1 "S" / CE					
Weight	240 kg					
Dimensions L x W x H	730 x 520 x 905					

OZEN MIG UNITS



GDC Mig Unit Range

CE

Part #	Product
GDC250	OZEN GDC 250A 380Volt Gas Cooled Mig Unit - Compact
GDC360	OZEN GDC 350A 380Volt Gas Cooled Mig Unit - Compact
GDC360V	OZEN GDC 350A 380Volt Gas Cooled Mig Unit – Separate Feeder
GDC400V	OZEN GDC 400A 380Volt Gas Cooled Mig Unit – Separate Feeder



Comes complete with Mig Torch, Return Cable, Rotatable Device, & Flowmeter

5M Interconnecting Cable Included For Units With Separate Wire Feeder Units

Technical Specifications	GDC250	GDC360 & 360V	GDC400V
SUPPLY VOLTAGE	3 * 380 V / 50-60 Hz	3 * 380 V / 50-60 Hz	3 * 380 V / 50-60 Hz
MAX. CT PRIMARY	15	23,5	29
MAX. INPUT POWER	10.5 KVA	15.5 KVA	19.5 KVA
OPEN CIRCUIT VOLTAGE	15-40 V	17-44 V	18-47 V
Current Range	30 to 250 A	35-350 A	40-400 A
Welding current 60% DUTY CYCLE (40°C)	250	350	400
WELDING CURRENT 100% DUTY CYCLE (40°C)	180	250	300
FUSE	20	32A	40
INSULATION CLASS	H	H	H
PROTECTION CLASS	IP21	IP21	IP21
TORCH COOLING	Air	Air / Air	Air / Air
STEEL AND STAINLESS STEEL FOR	0.8 to 1.0 mm	0.8 to 1.0 mm	1.0 to 1.2 mm
ALUMINUM	0.8 to 1.0 mm	1.0 to 1.2 mm	1.0 to 1.2 - 1.6 mm
WEIGHT	98 KG	119.5 KG	178 KG
DIMENSIONS (LxWxH)	395x830x820 mm	445x850x870 mm	495x960x1280 mm

- Suitable to weld all materials including flux cord and aluminium wires.
- Equipped with additional 220V supply for Co2 gas heater.
- Solid four wheel drive feet system.
- Equipped standard with digital volt and amp display indicators.
- 21 Position selection switches offers a wide current range with precise control increments.
- Units equipped standard with 2 stroke, 4 stroke and spot welding functions

Supreme Arc MMA / TIG Units

D200E - Economy



D200 – Digital



400 – Digital



Part #	Product
PSA200E	Supreme Arc D200E 200A 220V Digital Inverter
PSA200	Supreme Arc D200 200A 220V Digital Inverter
PSA400	Supreme Arc 400 400A 380/525V Digital Inverter

Comes Complete with Cable Set

All MMA Units Are Available with Standard OCV, VRD (Reduced OCV) and with Z-Rid Remote Device with 0Volts (Confirming To SANS 60974-9:2011)

- Fully Digital Machine
- Intelligent One Touch Control Function
- Robust Design
- Extremely High Duty Cycle
- Anti-Stick Function
- Ignition Current Control
- Arc Force Control
- Excellent Gouging Capabilities

CE

Technical Specifications	D200E	D200	D400
Input Voltage Frequency	220V	160 to 260 Volts	320 to 603 Volts
Electric Phase	1Phase	1Phase	3Phase
Actual Output Current	20-200A	20A-200A	20A-400A
100% Duty Cycle (40°C)	160A	180A	360A
Insulation Class	F	F	F
Suitable Electrode	Rutile,Alkaline,S.S,Copper,Iron,etc.	Rutile,Alkaline,S.S,Copper,Iron,etc.	Rutile,Alkaline,S.S,Copper,Iron,etc.
STD OCV	60V	85V	90V
VRD OCV	13.5V	13.5V	13.5V
Z-RID OCV	0V	0V	0V
Suitable Electrode (mm)	2.6-4.0mm	2.6-4.0mm	2.6-5.0mm
Protection Class	IP21	IP23	IP23
Net Weight	4.1Kg	3.1Kg	9.8kg
Dimension (mm3)	310*125*245	247*148*229	340*188*333
Functions	Hot start/Arc Force/Current/	One Knob Control/Hot start/Arc Force/Current/Anti-stick function	One Knob Control/Hot start/Arc Force/Current/Anti-stick function

Supreme Cut Plasma Unit 30-P

- Single-phase, portable, fan-cooled with 12mm cutting capacity.
- Adopted with advanced IGBT inverter technology, light weight compliant with EMC standard.
- Compressed air plasma cutting, suitable for high-speed curve cutting.
- Supreme Cut 30P has a build-in air compressor for easy operation and no external compressed air required.

With Built In Compressor

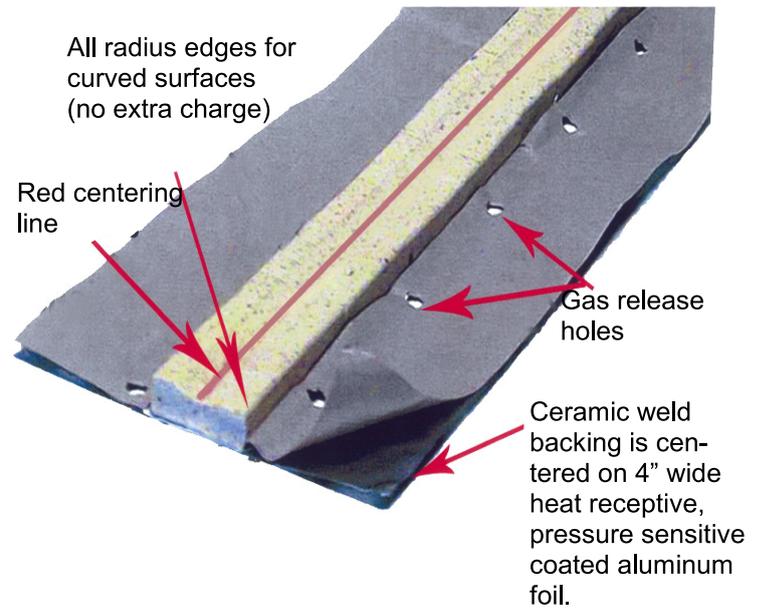
Part #	Product
PSC001	Supreme Cut P-30 Plasma Cutter 220V With Built In Compressor

Comes Complete With Plasma Torch & Return Cable



Ceramic Backing Tape

Part #	Product
Round - Ceramic Baking Tape	
1G6-RD	GULLCO Ceramic Backing Tape
1G9-RD	GULLCO Ceramic Backing Tape
1G13-RD	GULLCO Ceramic Backing Tape
Triangular - Ceramic Baking Tape	
1G33-60	GULLCO Ceramic Backing Tape
Flux Core Mig Wire - Ceramic Baking Tape	
1G41-R	GULLCO Ceramic Backing Tape
1G42-R	GULLCO Ceramic Backing Tape
1G42-Rx14	GULLCO Ceramic Backing Tape
Flat - Ceramic Baking Tape	
1G42-FR	GULLCO Ceramic Backing Tape
1G42-FRx1/4	GULLCO Ceramic Backing Tape
Solid Mig Wire - Ceramic Baking Tape	
1G43-R	GULLCO Ceramic Backing Tape
1G43-Rx1/4	GULLCO Ceramic Backing Tape



MODEL	SPECIFICATION/TYPICAL APPLICATION	SPECS. inches / (mm)																		
1G6-RD (12m - 40lb / box) 1G9-RD (12m - 40lb / box)	This is a 6mm round tile suitable for X preps, K preps and single bevel, single v butt joints (similar to fillet welds) on thin plates up to 10mm thick. Suitable for welding with M.I.G./M.A.G. solid, flux cored or metal cored wires. 1G9-RD is for use on thicker plates.	<table border="1"> <tr> <td colspan="2">1G6-RD</td> </tr> <tr> <td>A</td> <td>1/4" 6.3</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> <tr> <td colspan="2">1G9-RD</td> </tr> <tr> <td>A</td> <td>3/8" 9.5</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> </table>	1G6-RD		A	1/4" 6.3	B	1 25.4	1G9-RD		A	3/8" 9.5	B	1 25.4						
1G6-RD																				
A	1/4" 6.3																			
B	1 25.4																			
1G9-RD																				
A	3/8" 9.5																			
B	1 25.4																			
1G13-RD (12m - 40lb / box)	These tiles are for similar uses as the 1G6-RD but for thicker plates up to 15mm thick. Suitable for welding with M.I.G./M.A.G. solid, flux cored or metal cored wires. <i>can be used as shown</i>	<table border="1"> <tr> <td colspan="2">1G13-RD</td> </tr> <tr> <td>A</td> <td>1/2" 12.7</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> <tr> <td colspan="2">1G15-RD</td> </tr> <tr> <td>A</td> <td>5/8" 15.9</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> </table>	1G13-RD		A	1/2" 12.7	B	1 25.4	1G15-RD		A	5/8" 15.9	B	1 25.4						
1G13-RD																				
A	1/2" 12.7																			
B	1 25.4																			
1G15-RD																				
A	5/8" 15.9																			
B	1 25.4																			
1G33-60 (12m - 40lb / box)	All 1G33 tiles are suitable for K or X preps where the bevel angles are 45, 60 or 90 degrees. Also suitable for welding with M.I.G./M.A.G. solid wire, metal cored or flux cored wires. They are a substitute for round tiles where the benefit of the 1G33 range of tiles is a "full-face" contact with the joint preparation... reducing the risk of burn-through as may occur with the round tiles where you have a single point contact of the tile with the work piece. 1G33-90 also used when reverse side of a single bevel, single V butt joint where the reverse angle will always be 90°.	<table border="1"> <tr> <td>A</td> <td>9/16 14.3</td> </tr> <tr> <td>B</td> <td>5/8 15.9</td> </tr> <tr> <td>C</td> <td>1 25.4</td> </tr> <tr> <td>D</td> <td>40° 40</td> </tr> <tr> <td>E</td> <td>55 55</td> </tr> <tr> <td>F</td> <td>65 65</td> </tr> <tr> <td>G</td> <td>1/8 3.2</td> </tr> <tr> <td>H</td> <td>7/64 2.87</td> </tr> <tr> <td>I</td> <td>3/32 2.4</td> </tr> </table>	A	9/16 14.3	B	5/8 15.9	C	1 25.4	D	40° 40	E	55 55	F	65 65	G	1/8 3.2	H	7/64 2.87	I	3/32 2.4
A	9/16 14.3																			
B	5/8 15.9																			
C	1 25.4																			
D	40° 40																			
E	55 55																			
F	65 65																			
G	1/8 3.2																			
H	7/64 2.87																			
I	3/32 2.4																			
1G41-R (12m - 40lb / box)	This is similar to the 1G42-R but has a slightly smaller groove where more penetration is required than with the 1G42-R. Each tile is radiused to form a strip around a cylinder. ✓	<table border="1"> <tr> <td>A</td> <td>1/4 6.3</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> <tr> <td>C</td> <td>1 25.4</td> </tr> <tr> <td>D</td> <td>5/16 7.9</td> </tr> <tr> <td>E</td> <td>3/8 9.5</td> </tr> <tr> <td>F</td> <td>1/32 1</td> </tr> <tr> <td>G</td> <td>3/16 4.8</td> </tr> </table>	A	1/4 6.3	B	1 25.4	C	1 25.4	D	5/16 7.9	E	3/8 9.5	F	1/32 1	G	3/16 4.8				
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D	5/16 7.9																			
E	3/8 9.5																			
F	1/32 1																			
G	3/16 4.8																			
1G42-R (12m - 40lb / box)	This tile is useful for M.I.G. welding with solid wires and metal cored wires. It is also useful for T.I.G. welding. Cored wires can also be used with this tile but smaller root reinforcement will be produced. Each tile is radiused to form the strip around a cylinder. ✓	<table border="1"> <tr> <td>A</td> <td>1/4 6.3</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> <tr> <td>C</td> <td>1 25.4</td> </tr> <tr> <td>D</td> <td>9/32 7.2</td> </tr> <tr> <td>E</td> <td>7/16 11.1</td> </tr> <tr> <td>F</td> <td>1/16 1.6</td> </tr> <tr> <td>G</td> <td>3/16 4.8</td> </tr> </table>	A	1/4 6.3	B	1 25.4	C	1 25.4	D	9/32 7.2	E	7/16 11.1	F	1/16 1.6	G	3/16 4.8				
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D	9/32 7.2																			
E	7/16 11.1																			
F	1/16 1.6																			
G	3/16 4.8																			
1G43-R (12m - 40lb / box)	This tile is for similar applications as the 1G42-R but where a narrower root bead is required. Each tile is radiused to form a strip around a cylinder. ✓	<table border="1"> <tr> <td>A</td> <td>1/4 6.3</td> </tr> <tr> <td>B</td> <td>1 25.4</td> </tr> <tr> <td>C</td> <td>1 25.4</td> </tr> <tr> <td>D</td> <td>3/8 9.5</td> </tr> <tr> <td>E</td> <td>1/4 6.3</td> </tr> <tr> <td>F</td> <td>1/16 1.6</td> </tr> <tr> <td>G</td> <td>3/16 4.8</td> </tr> </table>	A	1/4 6.3	B	1 25.4	C	1 25.4	D	3/8 9.5	E	1/4 6.3	F	1/16 1.6	G	3/16 4.8				
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C	1 25.4																			
D	3/8 9.5																			
E	1/4 6.3																			
F	1/16 1.6																			
G	3/16 4.8																			

Gullco Pipe Roller

GULLCO

Kamel Rolls



Part #	Product
KR-200-M	GULLCO Power Roll With Foot Switch
KR-750	GULLCO Idler Roll

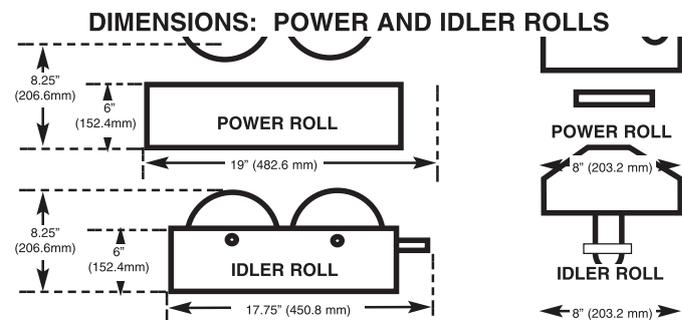
POWER ROLLS	
Model KR-200-M	
TURNING CAPACITY	1500 lbs (680kg)
LOAD CAPACITY/ROLL	750 LBS (340 kg)
PIPE DIA. RANGE	2"-16" (51-406mm)
SPEED RANGE	2.2-70.8 ipm (5.6-180 cm./min.)
WEIGHT	48 lbs (21.8 kg)
IDLER ROLLS Model KR-750	
LOAD CAPACITY	750 lbs (340 kg)
PIPE DIA. RANGE	2" - 16" (51-406 mm)
WEIGHT	21 lbs (9.5 kg)

Long life, 6" (15.24 cm) diameter roller bearing wheels with rubber tires provide friction drive and uniformly smooth pipe rotation.

Electronic controls are immune to damage from high frequency and electromagnetic interference.

Portable: total weight of power and idler roll is 69 lbs. (31.3 kg). Use anywhere that 42, 115 or 220-240 volts* 50/60 cycle single phase power supply is available.

Protected on/off foot switch on 7.5 ft. (2.3m) cable provides maximum convenience and freedom for operator.



Gullco Torch Stands

GULLCO

Free Standing Torch Supports & Torch / Gun Holders

Part #	Product
KR-1000-CBS	GULLCO Torch Support For Gas Torch
KR-1000-WSB	GULLCO Torch Support For Mig & Plasma Torch

MODEL KR-1000 WSB TORCH SUPPORT

1 1/8" (28.6 mm) square rack arm providing 22" (866mm) of vertical adjustment and 10 1/2" (266.7mm) of horizontal adjustment.
Weight: 25 lbs. (11.34kg)



MODEL KR-1000 CSB TORCH SUPPORT

1 1/8" (28.6mm) square rack arms providing 22" (866 mm) of vertical adjustment and 10 1/2" (266.7 mm) of horizontal adjustment.
Weight: 25 lbs (11.34 kg)



Automatic Rotary Weld Positioners



Gullco's new microprocessor control not only provides improved speed regulation to Gullco's proven "GP" range of positioners. It also allows the positioner to be expanded into a fully automated welding cell. The control uses a tach feedback system to ensure smooth and accurate rotation of the workpiece and has the ability to activate pneumatic welding gun holder and wire-feed/arc activation signals, based on an operator defined welding cycle. The programmable microprocessor also provides adjustable positioning timing cycles, amount of weld rotation and weld on/off through 360°.

Part #	Product
GP-200-M	GULLCO Standard Welding Positioner
KR-250-M	GULLCO Programmable Welding Positioner
KR-300-M	GULLCO Standard Welding Positioner With Through Hole
KR-350-M	GULLCO Programmable Welding Positioner With Through Hole

Model	Gas Purge	Programmable	Rotational Speed	Vertical Table Loading @ 3" C of G	Horizontal Table Loading
GP-300-M			0.27 - 4.63 RPM	150 lbs. (68 kg.)	300 lbs. (132 kg.)
GPP-200-M	■				
GP-250 & 350-M		■			

Gullco Welding Positioners are positive drive rotary turn tables complete with mounting flange, drive and tilt mechanisms and microprocessor based pulse width modulation motor controls. Standard and Programmable models are available. They are driven by a low voltage permanent magnet motor and gear head power unit assembly. The microprocessor motor control enables operator interface of start, stop, clockwise rotation and infinitely variable control of the speed, within the range of the model. Rotation speed is electronically controlled using an optical tachometer located on the back of the gear-motor. Speeds within the range of the model are infinitely variable in both clockwise and counter-clockwise directions through a rotary speed adjustment potentiometer located on the remote control. Table tilt is manually set at any desired angle, from 0° through 90°, quickly and easily. Safety is greatly enhanced with Gullco low voltage (24 V) control and power supply system.

Model GP-300/350 "Through Hole" Positioners

These positioner models are designed with a 2.5 inch (63 mm) "through hole" so the workpiece can be passed through the unit... making production on long pieces easier and faster.



GP/GPP 200 SERIES POSITIONERS ARE AVAILABLE IN STANDARD OR PROGRAMMABLE MODELS WHICH ARE EQUIPPED WITH CORRESPONDING REMOTE CONTROLS

STANDARD

The Standard Remote Control provides

- infinitely variable rotation speed within the model's speed range,
- forward/neutral/reverse switch,
- run/stop switch
- speed potentiometer



PROGRAMMABLE

The Programmable Remote Control with LED readout provides

- infinitely variable rotation speed within the model's speed range,
- forward/neutral/reverse switch,
- run/stop switch
- **programmable microprocessor** providing adjustable positioning timing cycles, amount of weld rotation, weld on/weld off through 360° and a signal to activate a pneumatically operated weld gun holder and wire feed arc activation.



Gullco Plate Edge Bevelers

GULLCO

KBM-18 & KBM-28 Heavy Duty Plate Bevelers

Part #	Product
KBM-18-100	GULLCO Portable Plate Edge Beveling Machine
KBM-18U-100	GULLCO Inverted Portable Plate Edge Beveling Machine
KBM-28-100	GULLCO Portable Plate Edge Beveling Machine
KBM-28U-100	GULLCO Inverted Portable Plate Edge Beveling Machine



Gullco's KBM-18® & KBM-18U® Portable, Self-Propelled Plate Edge Bevelers produce clean machined bevels with no thermal distortion on mild steel, stainless steel and aluminum plate from 1/4" (6.0 mm) to 1 1/2" (38.1 mm) thick. Thinner material can be bevelled... consult factory for details. The KBM-18U® bevels the underside of plate eliminating the need to flip the work piece...**reducing time and cost.** Savings are further enhanced when both units are used in applications where both sides of the material require beveling.

Adjustable Undercarriage...For Easy Height Adjustment

The KBM-18® can be purchased with an adjustable height, self-aligning, spring-loaded caster wheel assembly for self-propelled beveling along any length of plate maintaining a uniform bevel and consistent root face. Undercarriage sold separate.

Angle Bevel Pins...Enable Bevel Angle Adjustment

KBM-18® units are supplied with angle bevel pins for 22 1/2°, 30°, 37 1/2°, 45° and 55° bevels. Pins for other bevel angles are available upon request.

KBM18

Maximum Bevel Width:	0.71" (18.00 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Maximum Bevel Depth:	0.61" (15.6 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Min. Plate Thickness:	1/4" (6.0mm) Thinner material can be bevelled...consult factory for details
Max. Plate Thickness:	1 1/2" (38.1 mm)
Bevel Speed:	120 in. (304.8 cm) per minute*
Motor:	2HP, 3 phase, available for 230, 460 and 575V~ at 60Hz and also 380 and 400/415V~ at 50Hz supply
Weight:	340 lbs. (154Kg.) including undercarriage assembly
Complies With:	C.S.A./N.R.T.L. (File # LR 35006-6) and C.E. Regulations

KBM-28® & KBM-28U® Heavy Duty Portable, Self-Propelled Plate

Edge Bevelers produce clean machined bevels with no thermal distortion on mild steel, stainless steel and aluminum plate from 5/16" (8.0 mm) to 2" (50.0 mm) thick. The KBM-28U® bevels the underside of plate eliminating the need to flip the workpiece...reducing time and cost. Savings are further enhanced when both units are used in applications where both sides of the material require beveling.

Adjustable Undercarriage...For Easy Height Adjustment

The KBM-28® units can be purchased with Gullco's exclusive adjustable height self-aligning spring-loaded caster wheel assembly for self-propelled beveling along any length of plate maintaining a uniform bevel and consistent root face. Sold separate

Angle Bevel Pins...Enable Bevel Angle Adjustment

KBM-28® units are supplied with angle bevel pins for 22 1/2°, 30°, 37 1/2°, 45° and 55° bevels. Pins for other bevel angles are available upon request.



KBM28

Maximum Bevel Width:	-1.10" (28.00 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Maximum Bevel Depth:	-0.95" (24.2 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Min. Plate Thickness:	-5/16" (8.0 mm)
Max. Plate Thickness:	-2" (50.0 mm)
Bevel Speed:	-78.7" (200 cm) per minute*
Motor:	-3 HP, 3 phase, available for 230, 460 and 575V~ at 60Hz and also 380 and 400/415V~ at 50Hz supply
Weight:	-890 lbs. (404Kg.) including undercarriage assembly
Complies With:	-C.S.A./N.R.T.L. (File # LR 35006-6) and C.E. Regulations

Portable Trackless Fillet Welding Travel Carriage Systems



The Gullco Moggy friction drive travel carriage is designed to perform Horizontal Fillet Welding, Lap Welding and Butt Welding. It can be fitted with a Gullco Compact Oscillator to perform multi-pass welding. These operations can be performed on horizontal fillets with a minimum radius of 39 in. (1 meter) and up to a 30° incline.

Following is a brief description of the Moggy and components that make up the system.

It is a lightweight, portable, four wheel friction drive travel carriage that can be used with or without track to automate welding operations. A speed potentiometer provides infinite speed selection within the 6 to 115 in/min (15.2 to 292.2 cm/min) range. The unit comes complete with adjustable guide rolls, travel limit switch assembly, vertical and horizontal slides providing 1 3/4" (44.4mm) adjustment and a semi-automatic gun holder. It is designed to run on a horizontal path against a vertical surface (Magnetic Moggy) to perform a fillet weld.

Part #	Product
GM-03-100	GULLCO MOGGY Carriage for Stitch Welding or Continuous Travel
GM-03-200	GULLCO MOGGY Dual Torch Carriage for Stitch Welding or Continuous Travel
GM-03-300	GULLCO MOGGY Carriage With Magnetic Base for Stitch Welding or Continuous Travel
GM-03-400	GULLCO MOGGY Dual Torch Carriage With Magnetic Base for Stitch Welding or Continuous Travel

The Gullco Moggy is a highly reliable, versatile heavy duty travel carriage which is ideal for a wide range of applications

The Moggy can be adapted to automate and reduce welding and set-up costs in a broad range of applications. Some typical configurations are shown below

Lap Joint Welding



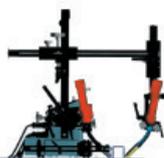
The Moggy is performing a lap joint weld. It is guided by Industry Standard 6" (152.4mm) "V" Groove Track running parallel to the joint.

Fillet Joint Welding



The Moggy performing a fillet weld using a template, guide or fence positioned parallel to the work piece. The actual workpiece is often used as the guide.

Dual Gun Welding



Dual gun holder assembly mounted on the Moggy enables positioning of 2 guns and simultaneous activation of two wire feed signals. Moggy is guided by the workpiece.

Butt Joint Welding



The Moggy is ideal for butt joint welding. Here the Moggy is using a fence to guide it accurately along the desired path. Standard "V" groove track can also be used.

Joint Tracking



Adjustable height guide roller assemblies are available to track joints with a vertical member higher or lower than the set height of guide roller wheels.

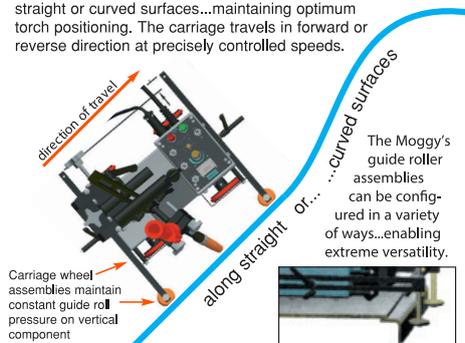
Radial Oscillation



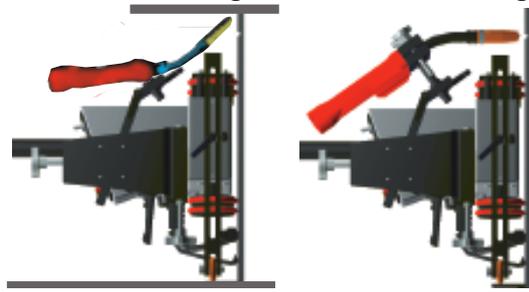
Replaces the standard gun holder assembly in order to weave the gun across the joint while the Moggy provides the weld travel motion.

Precise Torch Alignment To The Seam

Adjustable guide rolls mounted on the front or back of the carriage monitor the slightest seam variations following straight or curved surfaces...maintaining optimum torch positioning. The carriage travels in forward or reverse direction at precisely controlled speeds.



Fillet Joint Welding Butt Joint Welding



Efficient...Effective..Versatile

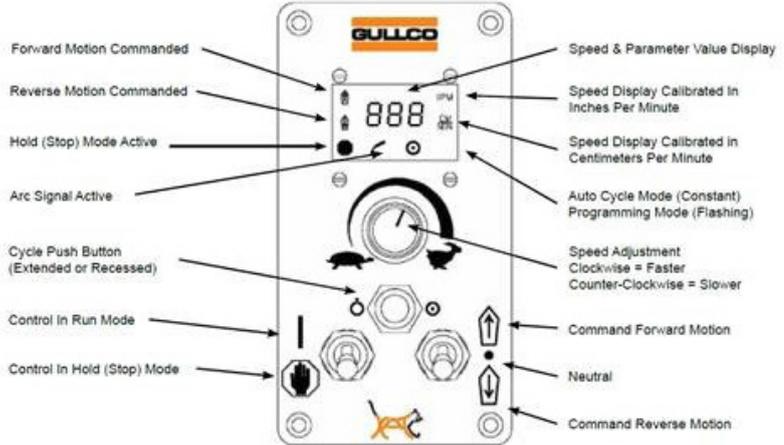
The Gullco Magnetic Moggy is highly versatile and is ideally suited to a wide variety of welding applications...particularly in "Tee" fillet welding where there is not enough room for the carriage to run on the horizontal plate.

KAT Welding & Cutting Carriages

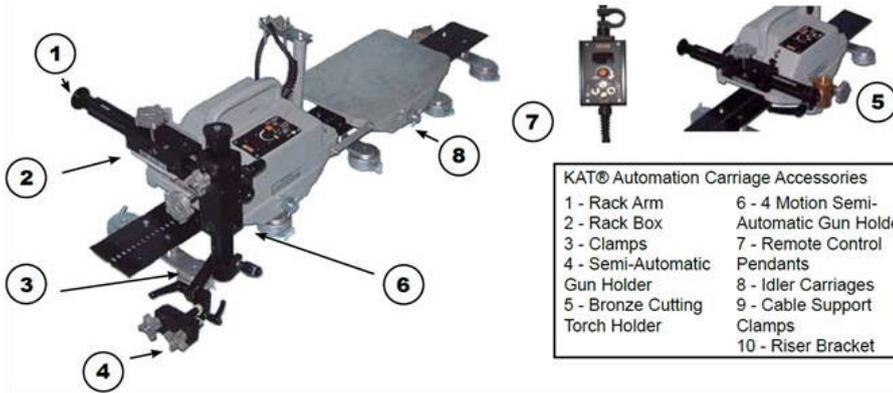
The Gullco "Kat" carriage is essentially a motorized platform for welding guns and cutting torches that travels along a special track. Its purpose is to automate welding/cutting operations by moving the activated gun or torch along the desired work path at the exact required speed. Result: manual error and fatigue problems are eliminated... specified quality and productivity targets are repeatedly achieved.

As illustrated at right, the electrically powered "Kat" has a pinion drive gear that engages the rack on the special Kat track, driving it forward or reverse at selected speeds. A wheel guide system grips each side of the track enabling the Kat to travel in any position... even upside down. An advanced micro-processor-based control provides precise forward/reverse speed settings for optimum automated weld or cut results.

The Gullco Standard Platform range of controls have switching for forward / neutral / reverse, run / stop. Manual / Auto & program variable increment/decrement (where applicable) and a rotary encoder for speed control. This microprocessor based, 24 volt DC motor control can be supplied to provide a variety of "optional" functions such as indexing, weld oscillation and auto-weld. The selected "option" function and carriage travel speed/ direction are directed by a single GSP control. This ensures high levels of accuracy, quality and reliability.



Part #	Product
GK-200-RM	GULLCO KAT Welding and Cutting Automation Carriage - Rigid Track
GK-200-RM-L	GULLCO KAT Linear Weld Oscillation Automation Carriage - Rigid Track
GK-200-RM-R	GULLCO KAT Radial Weld Oscillation Automation Carriage - Rigid Track
GK-200-FM	GULLCO KAT Welding and Cutting Automation Carriage - Flexible Track
GK-200-FM-L	GULLCO KAT Linear Weld Oscillation Automation Carriage - Flexible Track
GK-200-FM-R	GULLCO KAT Radial Weld Oscillation Automation Carriage - Flexible Track



- KAT® Automation Carriage Accessories**
- 1 - Rack Arm
 - 2 - Rack Box
 - 3 - Clamps
 - 4 - Semi-Automatic Gun Holder
 - 5 - Bronze Cutting Torch Holder
 - 6 - 4 Motion Semi-Automatic Gun Holder
 - 7 - Remote Control
 - 8 - Idler Carriages
 - 9 - Cable Support Clamps
 - 10 - Riser Bracket

OSCILLATION



Ideal for heavy fabrication industries such as: Shipbuilding, Tank Welding, Pipeline and Bridge Construction

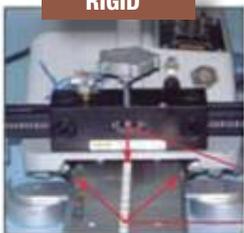
Motorized weld center line adjustment

Motorized stroke width adjustment

Precise oscillation speed control

Stores up to 10 different weld programs for quick recall of frequently used processes

RIGID



Unique Drive System and Wheel Assemblies Enable Travel in All Positions Including Overhead



Positive drive rack and pinion system



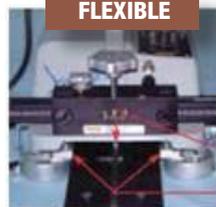
Self-aligning wheel assemblies run on both top and bottom of track... enabling operation on any plane.



Available in Linear or Radial Oscillation

Adjustable Angular or Stepped Oscillation

FLEXIBLE



Unique Drive System and Wheel Assemblies Enable Travel in All Positions Including Overhead



Ball studded drive sprocket engages apertures in the track

Self-aligning wheel assemblies run on both top and bottom of the track... enabling operation on any plane.

Electrode Stabilizing Ovens & Hot Box

Part #	Product
10B-20-220	GULLCO Portable Hot Box 20lb With Thermostat
125-220	GULLCO Welding Rod Oven 125lb With Thermostat
350-H-C	GULLCO Welding Rod Oven 350lb With Thermostat
1000	GULLCO Welding Rod Oven 1000lb With Thermostat

Operates from any 220 volt, source. Is equipped with rod lifter, pilot light and has 1" high false bottom to prevent moisture damage to electric connections. Oven temperature, not controlled by thermostat, averages 275° F. Provides absolute electrode stability when used in conjunction with temperature-controlled ovens



	PORTABLE OVEN	COMPACT IN-SHOP MODELS		
	10 B-20	125	350A	1000
Capacity	10 to 20 lbs	125 to 175 lbs.	350 to 400 lbs.	Sixteen 12" Spools/1000 lbs.
Outside Dimensions	7" dia. x 23" high	16"h x 16" w x 24 1/2"d	22"h x 22"w x 24 1/2" d	39 3/4"h x 30 1/4"w x 30 3/4"d
Inside Dimensions	3" dia. x 19" high	8 1/4"h x 9 3/4"w x 19"d	14"h x 16"w x 19"d	24"h x 21 3/4"w x 24"d
Unit Weight (approx.)	14 lbs.	58 lbs	105 lbs.	330 lbs.
Electrode Size	up to 18"	up to 18"	up to 18"	up to 24"
Line Cord	3 wire - 8 ft.	3 wire - 8 ft.	None	None
Element	125W-115Volt	1000 W - 115 V	1500 W-220/440 V	3000 W - 220/440 V- 1 Phase
Thermostat	Yes	Yes	Yes	Yes
Pilot Light	Yes	Yes	Yes	Yes
Temp. Range	100° - 400° F	100° - 550° F	100° - 550° F	100° - 550° F
Door Latch	Lift Lid	Push/Pull	Push/Pull	Push/Pull
Stacking	No	Yes	Yes	Yes

Eliminate the risk of costly rework and rejects.

Ensure consistent physical properties and X-ray quality w

Protect Low Hydrogen quality in electrodes and flux-cored wire.

Protect coatings on Aluminum, Bronze, Cast Iron, Stainless and other electrodes....prevent electrode wastage.

....and compact, in-shop models



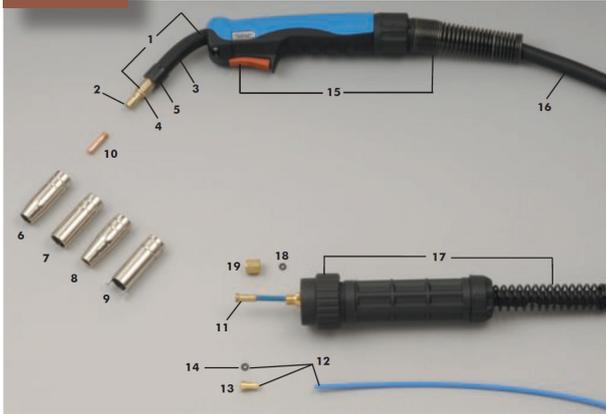
These Gullco Stabilizing Ovens have gained international recognition and acceptance based on a variety of quality and performance features including....

- compact, modular design with controls recessed for protection.
- shelves easily removed to accommodate large size loads.
- oven fully insulated to prevent heat loss....pilot light indicates oven operation.
- thermostat control, incorporating on/off switch, maintains oven temperature in 100° - 550° F range.
- models 125 and 350 feature nesting feet and sockets for safe, easy stacking.

Starparts Mig Torch Range



SP150

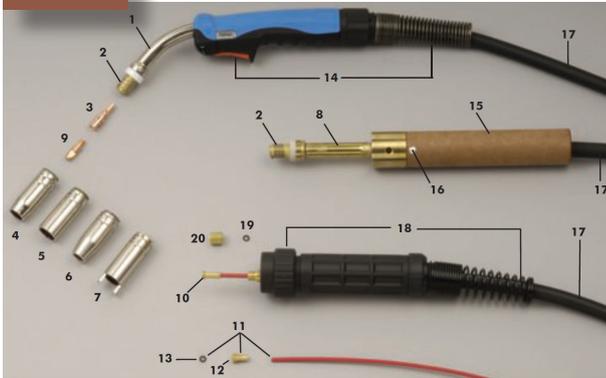


MAIN CONSUMABLES			
Part No	Part No	Description	Pack Qty
1	SP1554	Swan Neck Complete	1
2	SP1507	Tip Adaptor-Right Hand	5
3	SP1555	Insulation Sleeve	5
4	SP1557	Shroud Spring	10
5	SP1556	Insulator	5
6	SP1570	Nozzle Conical	5
7	SP1571	Nozzle Cylindrical	5
8	SP1572	Nozzle Tapered	5
9	SP1574	Spot Welding Nozzle	5
CONTACT TIPS (ECU M6 x 25mm)			
10	SP1506	0.6mm Steel Wire	25
	SP1508	0.8mm Steel / 0.6mm Alum Wire	25
	SP1509	0.9mm Steel Wire	25
	SP1510	1.0mm Steel / 0.8mm Alum Wire	25
	SP1512	1.2mm Steel / 1.0mm Alum Wire	25
LINERS (Steel Plastic Coated)			
11	SP1539	0.6-0.9mm x 3mt - P.C Blue	1
	SP1549	0.6-0.9mm x 4mt - P.C Blue	1
	SP1559	0.6-0.9mm x 5mt - P.C Blue	1
	SP2432	1.0-1.2mm x 3mt - P.C Red	1
	SP2442	1.0-1.2mm x 4mt - P.C Red	1
	SP2452	1.0-1.2mm x 5mt - P.C Red	1

LINERS Continued (PTFE)			
Part No	Part No	Description	Pack Qty
12	SP1538T	0.6-0.8mm x 3mt - Blue	1
	SP1548T	0.6-0.8mm x 4mt - Blue	1
	SP1558T	0.6-0.8mm x 5mt - Blue	1
	SP2432T	1.0-1.2mm x 3mt - Red	1
	SP2442T	1.0-1.2mm x 4mt - Red	1
	SP2452T	1.0-1.2mm x 5mt - Red	1
13	SP1511	PTFE Liner Collet	5
14	SP1517	PTFE Liner 'O' Ring	10

TORCH PACKAGES			
Part No	Length	Fitting	Switching
SP150-3ER	3mt	Euro	Microswitch
SP150-4ER	4mt	Euro	Microswitch
SP150-5ER	4mt	Euro	Microswitch

SP250

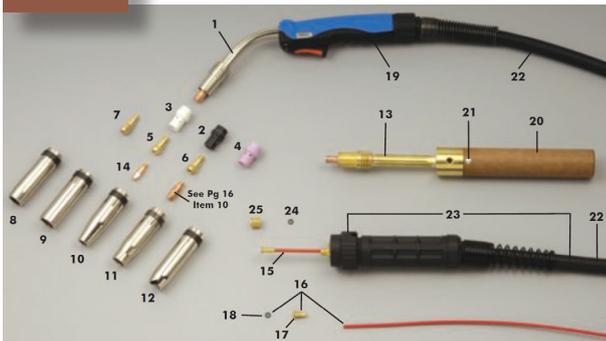


MAIN CONSUMABLES			
Item No	Part No	Description	Pack Qty
1	SP2554	Swan Neck Complete	1
2	SP2557	Shroud Spring	10
3	SP2581	Tip Adaptor M6 Tips	5
	SP2582	Tip Adaptor M8 Tips	5
4	SP2570	Nozzle Conical	5
5	SP2571	Nozzle Cylindrical	5
6	SP2572	Nozzle Tapered	5
7	SP2574	Spot Welding Nozzle	5
8	SP2551	Straight Neck Auto Torch	1
CONTACT TIPS (ECU M6x25mm)			
9	SP2406	0.6mm Steel Wire	25
	SP2408	0.8mm Steel / 0.6mm Alum Wire	25
	SP2409	0.9mm Steel Wire	25
	SP2410	1.0mm Steel / 0.8mm Alum Wire	25
	SP2412	1.2mm Steel / 1.0mm Alum Wire	25
	SP2414	1.2mm Alum Wire	25
CONTACT TIPS (CuCrZr M6x25mm)			
9	SP2508	0.8mm Steel / 0.6mm Alum Wire	25
	SP2509	0.9mm Steel Wire	25
	SP2510	1.0mm Steel / 0.8mm Alum Wire	25
	SP2512	1.2mm Steel / 1.0mm Alum Wire	25

LINERS (Steel Plastic Coated)			
Item No	Part No	Description	Pack Qty
10	SP1539	0.6-0.9mm x 3mt - P.C Blue	1
	SP1549	0.6-0.9mm x 4mt - P.C Blue	1
	SP1559	0.6-0.9mm x 5mt - P.C Blue	1
	SP2432	1.0-1.2mm x 3mt - P.C Red	1
	SP2442	1.0-1.2mm x 4mt - P.C Red	1
	SP2452	1.0-1.2mm x 5mt - P.C Red	1
LINERS (PTFE)			
11	SP1538T	0.6-0.8mm x 3mt - Blue	1
	SP1548T	0.6-0.8mm x 4mt - Blue	1
	SP1558T	0.6-0.8mm x 5mt - Blue	1
	SP2432T	1.0-1.2mm x 3mt - Red	1
	SP2442T	1.0-1.2mm x 4mt - Red	1
	SP2452T	1.0-1.2mm x 5mt - Red	1
12	SP1511	PTFE Liner Collet	5
13	SP1517	PTFE Liner 'O' Ring	10

TORCH PACKAGES			
Item No	Length	Fitting	Switching
SP250-3ER	3mt	Euro	Microswitch
SP250-4ER	4mt	Euro	Microswitch
SP250-5ER	5mt	Euro	Microswitch

SP360



MAIN CONSUMABLES			
Item No	Part No	Description	Pack Qty
1	SP3654	Swan Neck Complete	1
2	SP3658	Diffuser Black	5
3	SP3658W	Diffuser White	5
4	SP3658C	Diffuser Ceramic	5
5	SP3681	Tip Adaptor Short M6 Tips	5
	SP3683	Tip Adaptor Short M8 Tips	5
	SP3682	Tip Adaptor Long M6 Tips	5
	SP3684	Tip Adaptor Long M8 Tips	5
8	SP3670	Nozzle Conical	5
9	SP3671	Nozzle Cylindrical	5
10	SP3672	Nozzle Tapered	5
11	SP3673	Nozzle Bottle	5
12	SP3674	Spot Welding Nozzle	5
13	SP2651	Straight Neck for Automatic Torch	1
	SP2651-45	45° Neck for Automatic Torch	5
CONTACT TIPS (ECU M6x25mm)			
14	SP2406	0.6mm Steel Wire	25
	SP2408	0.8mm Steel / 0.6mm Alum Wire	25
	SP2409	0.9mm Steel Wire	25
	SP2410	1.0mm Steel / 0.8mm Alum Wire	25
	SP2412	1.2mm Steel / 1.0mm Alum Wire	25
	SP2414	1.2mm Alum Wire	25
	SP2416	1.6mm Steel Wire	25
CONTACT TIPS (CuCrZr M6x25mm)			
14	SP2508	0.8mm Steel / 0.6mm Alum Wire	25
	SP2509	0.9mm Steel Wire	25
	SP2510	1.0mm Steel / 0.8mm Alum Wire	25
	SP2512	1.2mm Steel / 1.0mm Alum Wire	25
	SP2516	1.6mm Steel Wire	25

LINERS (Steel Plastic Coated)			
Item No	Part No	Description	Pack Qty
15	SP1539	0.6-0.9mm x 3mt - P.C Blue	1
	SP1549	0.6-0.9mm x 4mt - P.C Blue	1
	SP1559	0.6-0.9mm x 5mt - P.C Blue	1
	SP2432	1.0-1.2mm x 3mt - P.C Red	1
	SP2442	1.0-1.2mm x 4mt - P.C Red	1
	SP2452	1.0-1.2mm x 5mt - P.C Red	1
	SP2436	1.6mm x 3mt - P.C Yellow	1
	SP2446	1.6mm x 4mt - P.C Yellow	1
	SP2456	1.6mm x 5mt - P.C Yellow	1
LINERS (PTFE)			
16	SP1538T	0.6-0.8mm x 3mt - Blue	1
	SP1548T	0.6-0.8mm x 4mt - Blue	1
	SP1558T	0.6-0.8mm x 5mt - Blue	1
	SP2432T	1.0-1.2mm x 3mt - Red	1
	SP2442T	1.0-1.2mm x 4mt - Red	1
	SP2452T	1.0-1.2mm x 5mt - Red	1
	SP2436T	1.6mm x 3mt - Yellow	1
	SP2446T	1.6mm x 4mt - Yellow	1
	SP2456T	1.6mm x 5mt - Yellow	1
17	SP1511	PTFE Liner Collet 0.6-1.2mm	5
	SP1511-47	PTFE Liner Collet 1.6mm	5
18	SP1517	PTFE Liner 'O' Ring	10

TORCH PACKAGES			
Item No	Length	Fitting	Switching
SP360-3ER	3mt	Euro	Microswitch
SP360-4ER	4mt	Euro	Microswitch
SP360-5ER	5mt	Euro	Microswitch



SP2442CT - Carbon Teflon with End Load Spiral 1 to 1.2 x 4.5m

For aluminium, alloys and stainless welding.

TORCH PACKAGES

Part No	Length	Fitting	Switching
SP400-3B	3mt	Euro	Bladeswitch
SP400-4B	4mt	Euro	Bladeswitch
SP400-5B	5mt	Euro	Bladeswitch

MAIN CONSUMABLES

Item No	Part No	Description	Pack Qty
1	SP4002	Swan Neck	
2	SP4058	Diffuser Black	5
3	SP4005	Tip Adaptor	5
4	SP4070	Nozzle Conical	5
	SP4071	Nozzle Cylindrical	5
	SP4072	Nozzle Tapered	5

CONTACT TIPS

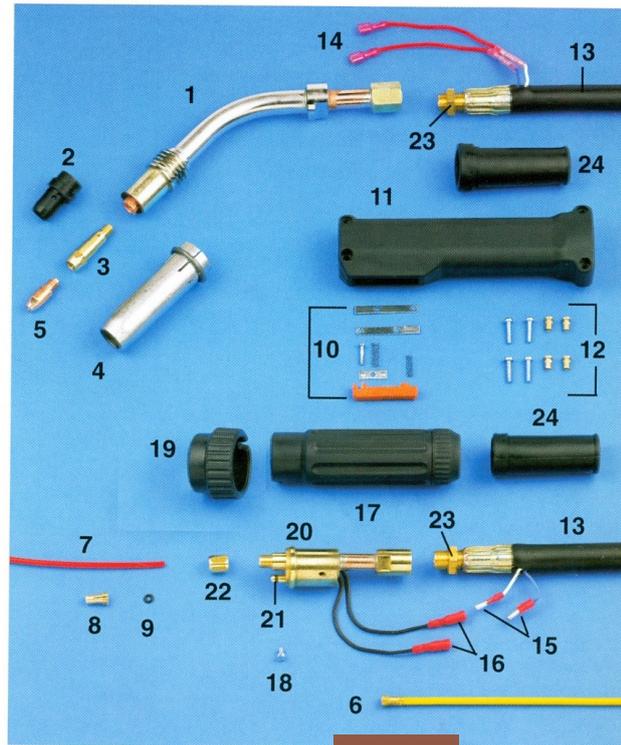
Standard & CuCrZr

5	SP3808	Std. 0.8mm / 0.6mm Alum.	25
	SP3809	Std. 0.9mm	25
	SP3810	Std. 1.0mm / 0.8mm Alum.	25
	SP3812	Std. 1.2mm / 1.0mm Alum.	25
	SP3814	Std. 1.4mm / 1.2mm Alum.	25
	SP3816	Std. 1.6mm	25
	SP3820	Std. 2.0mm	25
	SP3824	Std. 2.4mm	25
	SP4008	CuCrZr 0.8mm / 0.6mm Alum.	25
	SP4010	CuCrZr 1.0mm / 0.8mm Alum.	25
	SP4012	CuCrZr 1.2mm / 1.0mm Alum.	25
	SP4016	CuCrZr 1.6mm	25

LINERS

Steel & Teflon

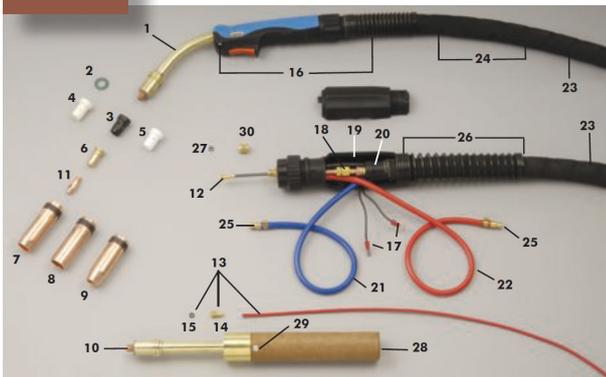
6	SP1539	Steel 0.6 - 0.9mm x 3mt	
	SP1549	Steel 0.6 - 0.9mm x 4mt	
	SP1559	Steel 0.6 - 0.9mm x 5mt	
	SP2432	Steel 1.0 - 1.2mm x 3mt	
	SP2442	Steel 1.0 - 1.2mm x 4mt	
	SP2452	Steel 1.0 - 1.2mm x 5mt	
	SP2436	Steel 1.6mm x 3mt	
	SP2446	Steel 1.6mm x 4mt	
	SP2456	Steel 1.6mm x 5mt	
	SP4034	Plain 2.0 - 2.4mm x 3mt	
	SP4044	Plain 2.0 - 2.4mm x 4mt	
	SP4045	Plain 2.0 - 2.4mm x 5mt	



SP40

7	SP1538T	Teflon 0.6 - 0.8mm x 3mt	
	SP1548T	Teflon 0.6 - 0.8mm x 4mt	
	SP1558T	Teflon 0.6 - 0.8mm x 5mt	
	SP2432T	Teflon 1.0 - 1.2mm x 3mt	
	SP2442T	Teflon 1.0 - 1.2mm x 4mt	
	SP2452T	Teflon 1.0 - 1.2mm x 5mt	
	SP2436T	Teflon 1.6mm x 3mt	
	SP2446T	Teflon 1.6mm x 4mt	
	SP2456T	Teflon 1.6mm x 5mt	
8	SP1511	Teflon Liner Collet 0.6-1.2mm	5
	SP1511-47	Teflon Liner Collet 1.6mm	5
9	SP1517	Teflon Liner 'O' Ring	10

SP501



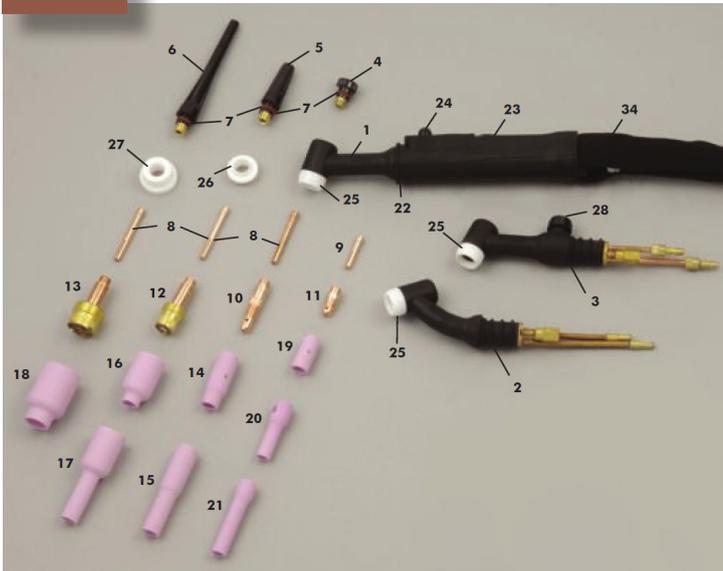
MAIN CONSUMABLES			
Item No	Part No	Description	Pack Qty
1	SP5054	Swan Neck	1
2	SP4055	Insulating Washer	10
3	SP3858	Diffuser Black	5
4	SP3858W	Diffuser White	5
5	SP3858C	Diffuser Ceramic	5
6	SP4081	Tip Adaptor Short M8 Tips	5
	SP4082	Tip Adaptor M6 Tips	5
	SP4083	Tip Adaptor Long M8 Tips	5
7	SP2670	Nozzle Conical	5
8	SP2671	Nozzle Cylindrical	5
9	SP2672	Nozzle Tapered	5
10	SP5051	Straight Neck Automatic	1
CONTACT TIPS (ECU M8x30mm)			
11	SP3808	0.8mm Steel / 0.6mm Alum Wire	25
	SP3809	0.9mm Steel Wire	25
	SP3810	1.0mm Steel / 0.8mm Alum Wire	25
	SP3812	1.2mm Steel / 1.0mm Alum Wire	25
	SP3814	1.2mm Alum Wire	25
	SP3816	1.6mm Steel Wire	25
	SP3820	2.0mm Steel Wire	25
	SP3824	2.4mm Steel Wire	25
11	SP4008	0.8mm Steel / 0.6mm Alum Wire	25
	SP4010	1.0mm Steel / 0.8mm Alum Wire	25
	SP4012	1.2mm Steel / 1.0mm Alum Wire	25
	SP4014	1.2mm Alum Wire	25
	SP4016	1.6mm Steel Wire	25

LINERS (Steel)			
Item No	Part No	Description	Pack Qty
12	SP3531	Steel 0.8-1.0mm x 3mt	1
	SP3541	Steel 0.8-1.0mm x 4mt	1
	SP3532	Steel 1.2mm x 3mt	1
	SP3542	Steel 1.2mm x 4mt	1
	SP3536	Steel 1.6mm x 3mt	1
	SP3546	Steel 1.6mm x 4mt	1
LINERS (PTFE)			
13	SP2432T	PTFE 1.0-1.2mm x 3mt	1
	SP2442T	PTFE 1.0-1.2mm x 4mt	1
	SP2436T	PTFE 1.6mm x 3mt	1
	SP2446T	PTFE 1.6mm x 4mt	1
14	SP1511	PTFE Liner Collet 0.6-1.2mm	5
	SP1511-47	PTFE Liner Collet 1.6mm	5
15	SP1517	PTFE Liner 'O' Ring	10

TORCH PACKAGES

Item No	Length	Fitting	Switching
SP501-3ER	3mt	Euro	Microswitch
SP501-4ER	4mt	Euro	Microswitch

WP18



WP26



MAIN CONSUMABLES

Item No	Part No	Description	Pack Qty
1	WP18	Rigid Torch Body	1
2	WP18F	Flexible Torch Body	1
3	WP18V	Torch Body c/w Argon Valve	1
4	57Y04	Short back Cap	1
5	300M	Medium Back Cap	1
6	57Y02	Long Back Cap	1
7	98W18	Back Cap 'O' Ring	10

COLLETS

8	10N21	Standard .020" (0.5mm)	5
	10N22	Standard .040" (1.0mm)	5
	10N23	Standard 1/16" (1.6mm)	5
	10N26	Standard 5/64" (2.0mm)	5
	10N24	Standard 3/32" (2.4mm)	5
	10N25	Standard 1/8" (3.2mm)	5
	54N20	Standard 5/32" (4.0mm)	5
9	10N21S	Stubby .020" (0.5mm)	5
	10N22S	Stubby .040" (1.0mm)	5
	10N23S	Stubby 1/16" (1.6mm)	5
	10N24S	Stubby 3/32" (2.4mm)	5
	10N25S	Stubby 1/8" (3.2mm)	5

COLLET BODIES

10	10N29	Standard .020" (0.5mm)	5
	10N30	Standard .040" (1.0mm)	5
	10N31	Standard 1/16" (1.6mm)	5
	10N32	Standard 3/32" (2.4mm)	5
	10N28	Standard 1/8" (3.2mm)	5
	406488	Standard 5/32" (4.0mm)	5
11	17CB20	Stubby .020" - 1/8" (0.5 - 3.2mm)	5

GAS LENS BODIES

12	45V29	Standard .020" (0.5mm)	1
	45V24	Standard .040" (1.0mm)	1
	45V25	Standard 1/16" (1.6mm)	1
	45V26	Standard 3/32" (2.4mm)	1
	45V27	Standard 1/8" (3.2mm)	1
	45V28	Standard 5/32" (4.0mm)	1
13	45V0204	Large Dia .020"-.040" (0.5 - 1.0mm)	1
	45V116	Large Dia 1/16" (1.6mm)	1
	45V64	Large Dia 3/32" (2.4mm)	1
	995795	Large Dia 1/8" (3.2mm)	1
	45V63	Large Dia 5/32" (4.0mm)	1

CERAMIC CUPS

14	10N50	Standard Cup 1/4" Bore	10
	10N49	Standard Cup 5/16" Bore	10
	10N48	Standard Cup 3/8" Bore	10
	10N47	Standard Cup 7/16" Bore	10
	10N46	Standard Cup 1/2" Bore	10
	10N45	Standard Cup 5/8" Bore	10
	10N44	Standard Cup 3/4" Bore	10
15	10N50L	Long Cup 1/4" Bore	10
	10N49L	Long Cup 5/16" Bore	10
	10N48L	Long Cup 3/8" Bore	10
	10N47L	Long Cup 7/16" Bore	10

GAS LENS CUPS

16	54N18	Standard Cup 1/4" Bore	10
	54N17	Standard Cup 5/16" Bore	10
	54N16	Standard Cup 3/8" Bore	10
	54N15	Standard Cup 7/16" Bore	10
	54N14	Standard Cup 1/2" Bore	10
	54N19	Standard Cup 11/16" Bore	10
17	54N17L	Long Cup 5/16" Bore	10
	54N16L	Long Cup 3/8" Bore	10
	54N15L	Long Cup 7/16" Bore	10
	54N14L	Long Cup 1/2" Bore	10
18	57N75	Large Dia Cup 3/8" Bore	5
	57N74	Large Dia Cup 1/2" Bore	5
	53N88	Large Dia Cup 5/8" Bore	5
	53N87	Large Dia Cup 3/4" Bore	5

CERAMIC CUPS FOR USE WITH ITEM 11

19	13N08	Standard Cup 1/4" Bore	10
	13N09	Standard Cup 5/16" Bore	10
	13N10	Standard Cup 3/8" Bore	10
	13N11	Standard Cup 7/16" Bore	10
	13N12	Standard Cup 1/2" Bore	10
	13N13	Standard Cup 5/8" Bore	10
20	796F70	Long Cup 3/16" Bore	10
	796F71	Long Cup 1/4" Bore	10
	796F72	Long Cup 5/16" Bore	10
	796F73	Long Cup 3/8" Bore	10
21	796F74	X - Long Cup 3/16" Bore	10
	796F75	X - Long Cup 1/4" Bore	10
	796F76	X - Long Cup 5/16" Bore	10
	796F77	X - Long Cup 3/8" Bore	10

MAIN CONSUMABLES

Item No	Part No	Description	Pack Qty
1	WP26	Rigid Torch Body	1
2	WP26F	Flexible Torch Body	1
3	WP26V	Flexible Torch Body c/w Argon Valve	1
4	WP26V	Torch Body c/w Argon Valve	1
5	57Y04	Short back Cap	1
6	300M	Medium Back Cap	1
7	57Y02	Long Back Cap	1
8	98W18	Back Cap 'O' Ring	10

COLLETS

9	10N21	Standard .020" (0.5mm)	5
	10N22	Standard .040" (1.0mm)	5
	10N23	Standard 1/16" (1.6mm)	5
	10N26	Standard 5/64" (2.0mm)	5
	10N24	Standard 3/32" (2.4mm)	5
	10N25	Standard 1/8" (3.2mm)	5
10	10N21S	Stubby .020" (0.5mm)	5
	10N22S	Stubby .040" (1.0mm)	5
	10N23S	Stubby 1/16" (1.6mm)	5
	10N24S	Stubby 3/32" (2.4mm)	5
	10N25S	Stubby 1/8" (3.2mm)	5

COLLET BODIES

11	10N29	Standard .020" (0.5mm)	5
	10N30	Standard .040" (1.0mm)	5
	10N31	Standard 1/16" (1.6mm)	5
	10N32	Standard 3/32" (2.4mm)	5
	10N28	Standard 1/8" (3.2mm)	5
12	17CB20	Stubby .020" - 1/8" (0.5 - 3.2mm)	5

GAS LENS BODIES

13	45V29	Standard .020" (0.5mm)	1
	45V24	Standard .040" (1.0mm)	1
	45V25	Standard 1/16" (1.6mm)	1
	45V26	Standard 3/32" (2.4mm)	1
	45V27	Standard 1/8" (3.2mm)	1
14	45V0204	Large Dia .020"-.040" (0.5 - 1.0mm)	1
	45V116	Large Dia 1/16" (1.6mm)	1
	45V64	Large Dia 3/32" (2.4mm)	1
	995795	Large Dia 1/8" (3.2mm)	1

CERAMIC CUPS

15	10N50	Standard Cup 1/4" Bore	10
	10N49	Standard Cup 5/16" Bore	10
	10N48	Standard Cup 3/8" Bore	10
	10N47	Standard Cup 7/16" Bore	10
	10N46	Standard Cup 1/2" Bore	10
	10N45	Standard Cup 5/8" Bore	10
	10N44	Standard Cup 3/4" Bore	10
16	10N50L	Long Cup 1/4" Bore	10
	10N49L	Long Cup 5/16" Bore	10
	10N48L	Long Cup 3/8" Bore	10
	10N47L	Long Cup 7/16" Bore	10

GAS LENS CUPS

Item No	Part No	Description	Pack Qty
17	54N18	Standard Cup 1/4" Bore	10
	54N17	Standard Cup 5/16" Bore	10
	54N16	Standard Cup 3/8" Bore	10
	54N15	Standard Cup 7/16" Bore	10
	54N14	Standard Cup 1/2" Bore	10
	54N19	Standard Cup 11/16" Bore	10
18	54N17L	Long Cup 5/16" Bore	10
	54N16L	Long Cup 3/8" Bore	10
	54N15L	Long Cup 7/16" Bore	10
	54N14L	Long Cup 1/2" Bore	10
19	57N75	Large Dia Cup 3/8" Bore	5
	57N74	Large Dia Cup 1/2" Bore	5
	53N88	Large Dia Cup 5/8" Bore	5
	53N87	Large Dia Cup 3/4" Bore	5

CERAMIC CUPS FOR USE WITH ITEM 12

20	13N08	Standard Cup 1/4" Bore	10
	13N09	Standard Cup 5/16" Bore	10
	13N10	Standard Cup 3/8" Bore	10
	13N11	Standard Cup 7/16" Bore	10
	13N12	Standard Cup 1/2" Bore	10
	13N13	Standard Cup 5/8" Bore	10
21	796F70	Long Cup 3/16" Bore	10
	796F71	Long Cup 1/4" Bore	10
	796F72	Long Cup 5/16" Bore	10
	796F73	Long Cup 3/8" Bore	10
22	796F74	X - Long Cup 3/16" Bore	10
	796F75	X - Long Cup 1/4" Bore	10
	796F76	X - Long Cup 5/16" Bore	10
	796F77	X - Long Cup 3/8" Bore	10

Parts Available for:

WP9, 9F, 9P & 9V
 WP17, 17F, 17FV & 17V
 WP18P Machine Torch
 WP18 Super Cooled
 WP20, 20F & 20P
 WP24, WP24W

Tungsten Electrodes



Part #	Product
2% Thoriated Red Tip Tungsten For Mild Steel & Stainless Steel	
TE001	Tungsten 2% Thoriated 1.6mm
TE002	Tungsten 2% Thoriated 2.4mm
TE003	Tungsten 2% Thoriated 3.2mm
Rare Earth Turquoise Tip Tungsten For Mild Steel, Stainless Steel & Aluminium	
TE001	Tungsten Rare Earth 2.4mm
Zirconiated White Tip Tungsten For Aluminium	
ZTE001	Zirconiated Tungsten 1.6mm
ZTE002	Zirconiated Tungsten 2.4mm
ZTE003	Zirconiated Tungsten 3.2mm

Dinse Tig Adaptors



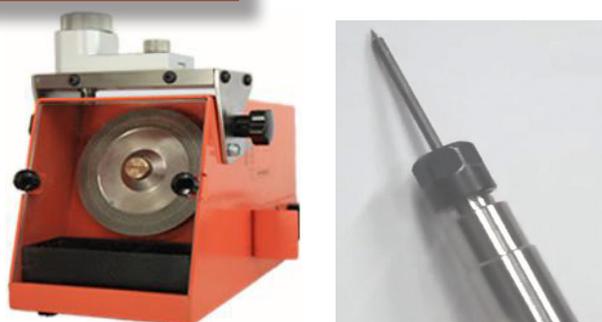
Part #	Product
D1625-1-1	Adaptor 10/25 – 3/8" RH
D3595-1	Adaptor 35/95 – 3/8" RH
0315012	A600 Lug Adaptor – 3/8" RH

Tig Fittings & Couplers



Part #	Product
11N22	Hose Tail 5/8" x 8mm
SP3526	Quick Coupler Nipple
SP3529	Panel Mount Quick Coupler
48N22	7/8" UNF Male Nut RH
10N18	7/8" UNF Male Nut LH
136Z08	5/8" UNF Male Nut RH
11N83	5/8" UNF Male Nut LH

Tungsten Grinder



Part #	Product
TG001	Tungsten Grinder 220V c/w 1.6, 2.4 & 3.2mm Collet
TGC001	Collet 1.6mm
TGC002	Collet 2.4mm
TGC003	Collet 3.2mm
TGC004	Collet 4.0mm
TGC005	Collet 5.0mm
TGW001	Diamond Wheel
TGCA001	Tungsten Grinder Chuck

Water Soluble Purging Product Range

Aquasol® Water Soluble Paper

Aquasol® Paper can be formed into any size purge dam when used in conjunction with water soluble tape. Position minimum of 6"-8" from root gap. Use heavyweight paper (ASW 60) for pipes having an inside diameter of 4" or greater.

Part No.	Type	English Size	Metric Size	Case Qty.
ASW-35/S-11	Sheet	8 1/2" x 11"	21.5 cm x 28 cm	500
ASW-35/S-14	Sheet	8 1/2" x 14"	21.5 cm x 35.5 cm	500
ASW-35/S-22	Sheet	17" x 22"	43 cm x 56 cm	500
ASW-35/R-15	Roll	15.5" x 165'	39.5 cm x 50 m	4
ASW-35/R-9	Roll	9" x 165'	23 cm x 50 m	4
ASW-40C/R-20	Roll	20.5" x 165'	52 cm x 50 m	4
ASW-60/S-22	Sheet	15.5" x 22"	39.5 cm x 56 cm	250
ASW-60/R-15	Roll	15.5" x 165'	39.5 cm x 50 m	4
ASW-60/R-31	Roll	31" x 165'	79 cm x 50 m	4

Purge Dam Materials

EZ Purge®

The all new, patented EZ Purge® is a pre-formed, self-adhesive water soluble purge dam that enables welders to save time on weld preparation as well as improve project timeliness. Since EZ Purge® is pre-formed, there is no need to measure, cut or construct a purge dam. There is no need to buy separate inventories or carry heavy rolls and tools to the job site. The welder simply peels, inserts and presses the dam in place. Setup and installation time is completed in minutes, making EZ Purge® the most efficient and economical purge dam available.



Part No.	English Size	Metric Size	Case Qty.
EZP-2	2"	51 mm	192
EZP-3	3"	76 mm	192
EZP-4	4"	102 mm	48
EZP-5	5"	128 mm	48
EZP-6	6"	152 mm	48
EZP-8	8"	203 mm	48
EZP-10	10"	254 mm	48
EZP-12	12"	305 mm	48
EZP-14	14"	356 mm	24
EZP-16	16"	406 mm	24
EZP-18	18"	457 mm	24
EZP-20	20"	508 mm	24
EZP-22	22"	559 mm	24
EZP-24	24"	610 mm	24
EZP-28	28"	711 mm	24
EZP-30	30"	765 mm	24
EZP-32	32"	813 mm	24
EZP-36	36"	918 mm	24
EZP-40	40"	1016 mm	10
EZP-42	42"	1077 mm	10
EZP-44	44"	1118 mm	10
EZP-48	48"	1219 mm	10
EZP-52	52"	1321 mm	10
EZP-56	56"	1422 mm	10
EZP-64	64"	1626 mm	10
EZP-72	72"	1829 mm	10

Custom Sizes Available Upon Request



Purge Dam Materials

Water Soluble Purge Dam Materials

Made of sodium carboxy methyl, a cellulose and wooden pulp that dissolves rapidly and completely in most liquids including water. Can be used to dam argon or helium gases during tungsten inert gas (TIG) welding of steel or aluminum pipes. After welding is complete, purge dams can be effortlessly dissolved and flushed out of the system with water; leaving no residue in the pipeline. The product is available in a variety of formats including sheets, rolls, pre-formed dams and pressure-sensitive tapes. Environmentally friendly and nontoxic

Aquasol® Tape

A pressure sensitive water soluble tape recommended to hold purge dams in position, and when needed to splice two or more pieces of Aquasol® paper together. Sold in rolls.



Part No.	Type	English Size	Metric Size	Case Qty.
ASWT-1	Roll	1" x 300'	2.5 cm x 91.5 m	24
ASWT-2	Roll	2" x 300'	5 cm x 91.5 m	12

Water Soluble Purge Film & Adhesive

LiquiFilm™

LiquiFilm™ is a water soluble plastic film used as a purge gas barrier during TIG welding. Like water soluble paper, LiquiFilm™ is an alternative to traditional purging systems. Highly flexible and transparent. Place 8"-12" from the weld joint on each side after applying water soluble adhesive to pipe.



Part No.	English Size	Metric Size	Case Qty.
AWSF-1/20B	39.4' x 65.6'	1 m x 20 m	12
AWSF-500	17 oz.	500 ml/bottle	24

SoluGap™ Socket-Weld Spacer Rings

The specially engineered patent-pending design of SoluGap™ provides an even, pre-measured 1/16" minimum gap required by ANSI 31.1, Section III, ASME, US Navy & Military Codes. SoluGap™ has 3 tabbed edges designed to secure the spacer in place, even when the socket is placed sideways or upside down. Unlike metal spacers that must be inventoried in many varieties, SoluGap™ is made of Aquasol® Water Soluble Board, a material that is compatible with any metal. SoluGap™ dissolves completely and rapidly in most liquids.



Part No.	Pipe Size:	English	Metric	Case Qty.
SGP-0.5		1/2"	20 mm	50
SGP-0.75		3/4"	25 mm	50
SGP-1.0		1"	32 mm	50
SGP-1.25		1 1/4"	40 mm	50
SGP-1.50		1 1/2"	50 mm	50
SGP-2.0		2"	63 mm	50
SGP-2.5		2 1/2"	73 mm	50

Backing Tape

Fiback™

Fiberglass backing tape is heat resistant aluminum tape with woven fiberglass center strip, designed to eliminate or reduce the need for back purging and post weld grinding.



Part No.	English Size	Metric Size	Case Qty.
AFBT-2.5	2.5" x 41'	6.5 cm x 12.5 m	5
AFBT-4.0	4.0" x 41'	10 cm x 12.5 m	5

Welding Accessories

Pipe Stands

Part #	Product
PSJ30RH24	Pipe Stand Complete With Roller Head
PSJ30V6G	Pipe Stand Complete With V Head 6G



We hereby declare that the safe load capacity of above mentioned product based on load tests conducted is 5000 pounds (2269 Kg).

Miscellaneous

Part #	Product
WB001	Wire Brush Mild Steel
WB002	Wire Brush Stainless Steel
CH001	Chipping Hammer
1438	Digital Weld Depth Gage
1439	Weld Depth Gage
1345	GR1 CO2 Special Zangen 12-15
1346	GR2 CO2 Special Zangen 15-18
ASS001	Anti-Spatter Spray Non Silicon
ASS002	Anti-Spatter Spray Silicon
CDC000	Crack Detection Cleaner
CDD000	Crack Detection Developer
CDP000	Crack Detection Penetrant
WCAP	Welding Cap
WHOOD	Welding Hood



Welding Connectors

Part #	Product
Cable Plug – Male	
CP1025	Cable Plug 10-25 Male
CP3550	Cable Plug 35-50 Male
CP5070	Cable Plug 50-70 Male
Cable Socket – Female	
CS1025	Cable Socket 10-25 Female
CS3550	Cable Socket 35-50 Female
CS5070	Cable Socket 50-70 Female
Panel Socket	
PS1025	Panel Socket 10-25
PS3550	Panel Socket 35-50
PS5070	Panel Socket 50-70



Electrode Holders

Part #	Product
EHO001	Electrode Holder Optimal 300 amp
EHO002	Electrode Holder Optimal 400 amp
EHO003	Electrode Holder Twist Lock 400 amp
EHO004	Electrode Holder Jaw Type 500 amp
EGH006	Electrode Holder Twist Lock 600 amp



Earth Clamps

Part #	Product
CEC001	Crocodile Earth Clamp 200 amp
CEC001	Crocodile Earth Clamp 400 amp
CEC001	Crocodile Earth Clamp 600 amp
MRE001	Magnetic Rotatable Earth Clamp 600A



Magnetic Holders

Part #	Product
SP9084	MIG Torch Stand with Magnetic Base
SP9085	TIG Torch Stand with Magnetic Base
SP9090	MMA Torch Stand with Magnetic Base



Battery Charges

Part #	Product
CT-2000	Battery Charger 2.0Amp
CT-3800	Battery Charger 3.8Amp
CT-7000	Battery Charger 7.0Amp



Welding Cable

Part #	Product
Cable001	16mm ² Welding Cable
Cable002	25mm ² Welding Cable
Cable003	35mm ² Welding Cable
Cable004	50mm ² Welding Cable



ALSO AVAILABLE

Black HR07
Rubber
Cable

Welding Accessories

V1 & V2 Plus G Auto Darkening Helmets

- ANSI approved solar powered auto-darkening lens
- Variable shade 9-13
- Clear state shade 4
- Comfortable & ratchet adjustable head band
- Switch time from light to dark 1/15 000 seconds
- Replacement head gear & lenses available

Part #	Product
OH010	V1 Plus G Auto Darkening Helmet With Grinding Function
OH012	V2 Plus G Auto Darkening Helmet With Grinding Function



WITH GRINDING FUNCTION



Kapio Air Fed Welding Helmet System



- 4 arc sensors
- DIN 9 to DIN 13 variable shade
- Grinding mode
- Particules filtration (PRSL)
- 2 airflows speeds
- Clogged-filter alarm
- Low-battery alarm
- Storage bag

Part #	Product
CR18S4	Kapio Air Fed Welding Helmet System

COBRA-200FX Complete With Shield & Hood



- Variable shade 5/7/9/11/13
- Grinding function
- Clever shield & soft hood
- Shock absorbing & heat resistant frame
- Self-adjusting silicon skirt & air vent system for mist reduction



Part #	Product
C200FX	COBRA-200FX Complete With Shield & Hood

Replacement Lenses

Fiberglass Lift Front Helmet



Ideal for harsh welding applications. Lens size 108x51mm. Smooth helmets deflect sparks and spatter.

Part #	Product
LFH002	Fiberglass Lift Front Helmet

Standard Lift Front Helmet



Lens size 108x51mm. Comfortable & adjustable head gear. Replacement head gear & lenses available.

Part #	Product
LFH001	Standard Lift Front Helmet

Part #	Product
Lens001	Shade 8 lens 108 x 51mm
Lens002	Shade 10 lens 108 x 51mm
Lens003	Shade 11 lens 108 x 51mm
Lens004	Shade 12 lens 108 x 51mm
Lens005	Clear glass lens
CR002	Ecran 1000 hour lens

ProfiMaster

Part #	Product
60653101	Kemper Profimaster 220V Complete With 3M Arm
60653102	Kemper Profimaster 220V Complete With 4M Arm
Optional Extra	
94102702	Auto Start/Stop Switch
Spares	
1090033	Pre-Filter Mat Set
1090457	Main Filter

Technical Data

Basic data	
Dimensions (w x d x h)	785 x 730 x 950 mm
Weight ohne Arm	ca. 106 kg
Diameter extraction arm	150 mm
Motor power	1.1 kW
Power supply	1 x 220 V / 50 Hz
Control voltage	24 V, DC
Rated current	2.3 A
Noise level	ca. 70 dB(A)
Extraction capacity at hood	max. 1.100 m ³ /h
Maximum vacuum	2.100 Pa
Additional information	
IFA-W3 Certification (08/13)	Under examination



ALSO AVAILABLE

In 3000m³/h with diameter 250mm exhaust and outgoing hose

Exhaust Fan

Part #	Product
91623125	Kemper Portable Exhaust Fan 220 volt
91623130	Kemper Portable Exhaust Fan 525 volt
7910331	6M Exhaust Hose Complete With Magnetic Hood
93084	6M Outgoing Hose

Part No.	Description
91 623	Exhaust fan ventilator: 2.000 m ³ /h, motor: 0,75 kW · 3 x 400 V / 50 Hz
91 623 100	Exhaust fan ventilator: 2.000 m ³ /h, motor: 0,75 kW · 1 x 230 V / 50 Hz
93 082	Exhaust hose Ø 100 mm, length 6,0 m, incl. exhaust hood with magnetic foot
93 083	Exhaust hose Ø 150 mm, length 6,0 m, incl. exhaust hood with magnetic foot
79 103 31	Exhaust hose Ø 160 mm, length 6,0 m, incl. exhaust hood with magnetic foot
93 084	Outgoing air hose, Ø 160 mm, length 6,0 m

PROBLEM STEELS, DISSIMILAR METALS, MAINTENANCE AND REPAIR



Lastek 85 high strength, deeply penetrating arc, ferritic-austenitic
 Lastek 90 highest strength, very soft arc, ferritic-austenitic
 Lastek 85C TIG rod for problem steels, from 1.0 to 3.2mm
 Lastek 807 joining problem steel, buffer layer for hardfacings
 Lastek 809 all positional welding of difficult to weld steels, 309LMo type
 Lastek 8000 high efficiency electrode, joining stainless to carbon steel
 Lastek 9066 nickel base, proven crack resistance
 Lastifil 807 austenitic, solid wire for problem steels

CAST IRON REPAIRS, MOTORBLOCKS, PUMPS, MACHINE PARTS



Lastek 40E grey cast iron, also on contaminated surfaces
 Lastek 41E joining cast iron to steel, higher strength than standard electrodes
 Lastek 42E for thin and complicated castings
 Lastek 43 base layer on burned or oxidized cast iron
 Lastek 415 flux cored TIG rod for repairing small defects in cast iron
 Lastek 1900 gouging, excellent for preparation of repairs
 Lastifil 41G semi automatic flux cored welding wire for all types of cast iron

HARDFACING, CRUSHERS, AUGERS, CEMENT INDUSTRY, MINES...



Lastek 24 hardfacing, severe abrasion
 Lastek 25 shock and compression resistant, machinable hardfacing
 Lastek 27 multilayer hardfacing, severe impact and abrasion resistance, 60HRC
 Lastek 210E tubular electrode with tungsten carbides
 Lastek 211 sintered electrode, tungsten carbides
 Lastek 231 high speed steel, cutting tools, 65HRC
 Lastek 256E cobalt base, corrosion and wear at high temperatures
 Lastek 2009 oxy ac depositing tungsten carbides in nickel base matrix
 Lastek 2400 very severe abrasion with impact, 68HRC
 Lastek 2550 building up valves and valve seats, 42 to 48HRC
 Lastifil 812 chromium based wire: maintains its hardness of 40HRC, even at 500°C
 Lastifil 236TM flux cored wire, Ar CO2 shielding gas, 600HB
 Lastifil 239GM flux cored wire, open arc, 600HB
 Lastifil 2400G flux cored wire, open arc, highest abrasion resistance
 Lastifil 8071 flux cored wire, open arc, base layer for hardfacings

SPECIAL APPLICATIONS: CUTTING, HEATING, RIVETING, UNDER WATER WELDING



Lastek 1000 cutting all metals without compressed air
 Lastek 1001 heating and preheating all metals locally- no deposit
 Lastek 1010 riveting and one side spot welding of steel and stainless steel
 Lastek 1900 gouging and chamfering

STAINLESS STEEL, REFRACTORY STEEL, NICKEL ALLOYS



Lastek 801 stabilized 318 type, excellent weldability, diameter 1.5 and up
 Lastek 802 AWS 310 type, best crack resistance on the market
 Lastek 803 low carbon, for 304L, smooth and nice beads, high corrosion resistance
 Lastek 804 low carbon 316L, very nice beads
 Lastek 8009 welding 904L, 2RK65, B6...
 Lastek 852C TIG rod for duplex steel such as 1.4462
 Lastek 982 TIG rod on nickel base for inconel 600
 Lastek 925 welding inconel 625
 Lastek 9065 MMA electrode for welding Inconel, Incoloy, Hastelloy, Monel
 Lastifil 804 semi automatic welding of AWS 304 and 316
 Lastifil 8003 309LSi welding wire



Cats Iron
55% & 98% 2 Per Packet

Stainless Steel
312 & 316 4 Per Packet



Hermetically Sealed packet of specialised welding electrodes so you don't need to purchase a full box

E6013
Mild Steel
2.6mm, 3.2mm & 4.0mm

E7018
Low Hydrogen
3.2mm & 4.0mm

E7024
Iron Powder
3.2mm & 4.0mm

E307-16
Stainless Steel
3.2mm & 4.0mm

E308-16
Stainless Steel
2.6mm & 3.2mm

E309-16
Stainless Steel
2.6mm & 3.2mm

E312-16
Stainless Steel
2.6mm, 3.2mm & 4.0mm

E316-16
Stainless Steel
2.6mm & 3.2mm

Ni Cast 55 & 98
Cast Iron
2.6mm & 3.2mm

Chamfertrode
Gouging
3.2mm & 4.0mm



Shape	Stock Code	Head Diameter	Head Length	Shank Diameter
Shape A, Cylindrical				
	A020603	02	06	03
	A031203	03	12	03
	A041406	04	14	06
	A061203	06	12	03
	A061606	06	16	06
	A082006	08	20	06
	A102006	10	20	06
	A120606	12	06	06
	A122506	12	25	06
	A162506	16	25	06
Shape B, Cylindrical End Cut				
	B031203	03	12	03
	B061606	06	16	06
	B082006	08	20	06
	B102006	10	20	06
	B122506	12	25	06
	B162506	16	25	06
Shape C, Cylindrical Ball Nose				
	C020603	02	06	03
	C031203	03	12	03
	C061203	06	12	03
	C061606	06	16	06
	C082006	08	20	06
	C102006	10	20	06
	C122506	12	25	06
	C162506	16	25	06
Shape D, Ball				
	D030303	03	03	03
	D040403	04	04	03
	D060603	06	06	03
	D060606	06	06	06
	D080806	08	08	06
	D101006	10	10	06
	D121206	12	12	06
	D161606	16	16	06
Shape E, Oval				
	E030603	03	06	03
	E061006	06	10	06
	E101606	10	16	06
	E122206	12	22	06
	E162506	16	25	06
Shape F, Round Tree				
	F031203	03	12	03
	F061203	06	12	03
	F061606	06	16	06
	F102006	10	20	06
	F122506	12	25	06
	F162506	16	25	06

Packing Unit : 1 pc

Chipbreaker / Cross Cut supplied. Standard Cut, Ripper Cut and Coarse Cut also available POR.

Shape	Stock Code	Head Diameter	Head Length	Shank Diameter
Shape G, Pointed Tree				
	G031203	03	12	03
	G031206	03	12	06
	G061606	06	16	06
	G082006	08	20	06
	G102006	10	20	06
	G122506	12	25	06
	G162506	16	25	06
Shape H, Flame				
	H082006	08	20	06
	H123006	12	30	06
Shape L, Ball Nose Cone 14° angle				
	L031203	03	12	03
	L061606	06	16	06
	L103006	10	30	06
	L123006	12	30	06
	L163006	16	30	06
Shape M, Cone				
	M031203	03	12	03
	M031603	03	16	03
	M061606	06	16	06
	M102006	10	20	06
	M122506	12	25	06
Shape M, Countersink				
	M100806-90°	10	08	06
	M121006-90°	12	10	06
	M161206-90°	16	12	06
	M101006-60°	10	10	06
	M161606-60°	16	16	06
Shape N, Inverted Cone-End				
	N060606	06	06	06
	N121206	12	12	06

Packing Unit : 1



INDUSTRY

- Chemical and processing industries
- Fitting and container construction
- Steelworks
- Foundries
- Tool and mould construction
- Pipeline construction
- Dockyards
- Automotive industry
- Steel construction, locksmiths
- Aviation and aerospace, gas turbine construction and repair
- Machine engineering

APPLICATION

- Cutting
- Grinding
- Milling
- Filing
- Brushing
- Polishing
- Cleaning
- Derusting
- Deburring
- Matt finishing



Product code	Input Voltage	Wattage	Luminous Flux	Size
70W S6 LED RETROFIT 220VAC	220 – 260VAC	70W	7200lm	200mm x 175mm x 100mm – light only
70W S6 LED RETROFIT 220VAC WITH 4 OR 9 HOUR EMERGENCY BACK-UP	220 – 260VAC	70W	7200lm	200mm x 175mm x 100mm – light only
MAG22 S6 70W LED RETROFIT 220VAC	220 – 260VAC	70W	7200lm	200mm x 175mm x 100mm
70W S6 LED RETROFIT 220VAC WITH 4 OR 9 HOUR EMERGENCY BACK-UP	220 – 260VAC	70W	7200lm	200mm x 175mm x 100mm
48W LED POST TOP LIGHT 220VAC	210 – 265VAC or 110 VAC on request	50W	4640lm	400mm x 280mm Post Top 76mm diameter round or square
100W LED POST TOP LIGHT 220VAC	210 – 265VAC or 110 VAC on request	100W	9285lm	400mm x 280mm Post Top 76mm diameter round or square

Product Description

70W LED Retrofit Light CCR series 6 consisting of an anodized aluminium extruded housing with an opal UV resistant ultra high impact poly-carbonate cover.

The LED Light is a locally developed OEM product as a good substitute for the conventional 125 -150W HID light awarding the user with up to 50% energy cost savings and extended lifetime benefits.

New CCR driverless technology eliminating the need for third party drivers.

There is 100% output the moment the light is switched on, no warm-up or strike delays.

Series 6 LED Flood Lights



Product Description

LED Flood Light CCR series 6 consisting of an anodized aluminium extruded housing with an opal UV resistant ultra high impact poly-carbonate cover.

The LED Flood Light is a locally developed OEM product as a good substitute for the conventional 70 W HID light awarding the user with up to 60% energy cost savings and extended lifetime benefits.

New CCR driverless technology eliminating the need for third party drivers.

There is 100% output the moment the light is switched on, no warm-up or strike delays.

Product code	Input Voltage	Wattage	Luminous Flux	Size
25W LED Flood Light S6 220VAC driverless technology	220 – 260VAC	25W	2450lm	120mm x 175mm x 100mm
36W LED Flood Light S6 220VAC driverless technology	220 – 260VAC	36W	3795lm	200mm x 175mm x 100mm
50W LED Flood Light S6 220VAC driverless technology	210 – 265VAC or 110 VAC on request	50W	5160lm	200mm x 175mm x 100mm
75W LED Flood Light S6 220VAC driverless technology	220 – 260VAC	75W	7725lm	280mm x 175mm x 100mm
100W LED Flood Light S6 220VAC driverless technology	220 – 260VAC	100W	10300lm	350mm x 175mm x 100mm
150W LED Flood Light S6 220VAC driverless technology	220 – 260VAC	150W	15400lm	500mm x 175mm x 100mm



Product Description

LED HB Light CCR series 6 consisting of an anodized aluminium extruded housing with an opal UV resistant ultra high impact poly-carbonate cover.

The LED High Bay Light is a locally developed OEM equivalent to the 160W S3 COB LED lights and a good substitute for the conventional 400W HID light awarding the user with up to 65% energy cost savings and extended lifetime benefits.

New CCR driverless technology eliminating the need for third party drivers.

There is 100% output the moment the light is switched on, no warm-up or strike delays.

Product code	Input Voltage	Wattage	Luminous Flux	Size
100W Diffused LED 220 VAC with U-Bracket or Chain kit	220 – 260VAC	103W	10300lm	350mm x 175mm x 50mm
150W Diffused LED 220 VAC with U-Bracket or Chain kit	220 – 260VAC	150W	15500lm	500mm x 175mm x 100mm
200W Diffused LED 220 VAC with U-Bracket or Chain Kit	220 – 260VAC	200W	20600lm	700mm x 175mm x 50mm
200W Double Module Diffused LED 220 VAC U-Bracket or Chain Kit	220 – 260VAC	200W	20600lm	700mm x 175mm x 50mm
300W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	300W	29700lm	Triple: 360mm x 530mm x 55mm Dual: 500mm x 350mm x 55mm
100W LED POST TOP LIGHT 220VAC	210 – 265VAC or 110 VAC on request	100W	9285lm	400mm x 280mm Post Top 76mm diameter round or square

Series 6 LED High Mast Lights



Product Description

High Mast CCR LED Light consisting of an array of anodized aluminium extrusions with ultra high impact UV resistant cover.

The 600 W LED light is a locally developed OEM design to be used as area flood lights, high bay lights or high mast lights awarding the user with up to 70% energy cost savings and extended lifetime benefits.

Suitable as substitute for 1500 -2000W HID Lights.

New CCR driverless technology eliminating the need for third party drivers.

There is 100% output the moment the light is switched on, no warm-up or strike delays.

Product code	Input Voltage	Wattage	Luminous Flux	Size
100W LED High Mast Light S6 220VAC	220 – 260VAC	103W	10300lm	350mm x 175mm x 50mm
150W LED High Mast Light S6 220VAC	220 – 260VAC	156W	15400lm	500mm x 175mm x 100mm
200W S6 LED High Mast Light 220VAC	220 – 260VAC	156W	20600lm	Dual: 350mm x 350mm x 50mm Single: 700mm x 175mm x 50mm
250W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	250W	26250lm	350mm x 350mm x 55mm
300W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	300W	31680lm	500mm x 530mm x 55mm
450W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	450W	44550lm	500mm x 530mm x 55mm
600W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	600W	59400lm	Triple: 700mm x 530mm x 55mm Quad: 500mm x 700mm x 55mm
800W S6 LED High Mast Light 220VAC	210 – 265VAC or 110 VAC on request	800W	79200lm	700mm x 700mm x 55mm

Series 6 LED Low Profile Ceiling Lights



Product code	Input Voltage	Wattage	Luminous Flux	Size
20W LED CEILING LIGHTS	220 VAC = 65 mA	20W	1980lm	600mm x 50 mm x 13mm
40W LED CEILING LIGHTS	220 VAC	40W	3960lm	1050mm x 50 mm x 13mm
48W LED CEILING LIGHTS	220 VAC	48W	4752lm	1200mm x 48 mm x 13mm
60W LED CEILING LIGHTS	220 VAC	60W	5940lm	1500mm x 50 mm x 13mm

Product Description

This design features an anodised aluminium extrusion and prismatic or clear lens.

Integrated LED Driver.

Indoor applications.

Available in wide angle diffused version.

Aluminium mounting brackets.

Side or back entry silicone or cab tyre cable

A suitable and handy light for various applications.

There is 100% output the moment the light is switched on, no warm-up or strike delays.

Series 6 LED Emergency Lights



Product code	Input Voltage	Wattage	Luminous Flux	Size
12W Non-Maintained LED Emergency Light 220VAC (4 or 9 hour Back-up)	198 – 264VAC charger only.	12W	1560lm	300mm x 90mm x 50mm
40W LED Ceiling Light S6 220VAC with Emergency Option	210 – 264VAC	40W	4000lm	550mm x 90mm x 50mm

The emergency light is available in 4 hour or 9 hour backup duration – the battery charge is maintained from permanent mains input. In the event of a power failure, the light will switch on at 100% output. Li-Ion battery technology





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