

PASSION FOR WELDING SINCE 1951



(Formerly Advani-Oerlikon Ltd.)



Gas Cutting Products,  
Personal Protective Equipment  
(PPE) & Accessories

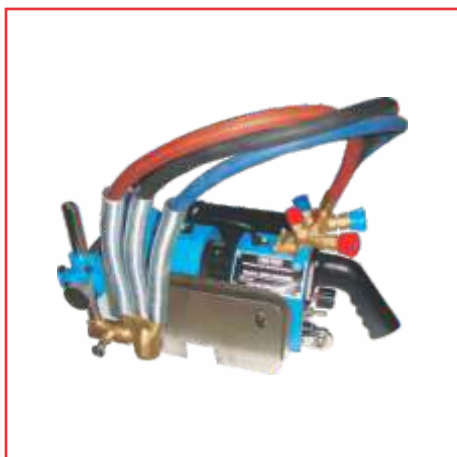


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## Portable Gas Cutting Machines



### PANTHER NM

#### PORTABLE GAS CUTTING MACHINE

#### KEY FEATURES:

- No backfire during cutting because of "Nozzle-Mix" technology.
- Aluminium die cast body with ventilation holes reduces overheating of motor and other electrical parts.
- Unbreakable, smooth and precise horizontal and vertical adjustment of torch.
- Bevel setting with locking facility means bevel accuracy during long cutting.
- Remote mounted gas control knobs make flame adjustment during cutting operation easy.
- Single lever ON-OFF control for cutting Oxygen makes the stopping and restarting of cutting very easy and saves Oxygen.
- Stainless steel heat reflectors (2 nos. with air gap), protect the motor from heat during cutting thus adding to the life of the machine.
- Travels on standard 1.8 mtr extruded Aluminum rail.

#### BRIEF SPECIFICATIONS:

Cutting Capacity	100 mm of mild steel with NMC-100S torch.
Straight Cut	In 1.8 mtr length or multiplies by adding rails.
Circle Cutting	150 to 1200 mm diameter.
Bevel Cutting	Up to 45 degrees.
Cutting Speed	100 to 1000 mm/min.
Power Supply	220/240 V, 1ph, 50Hz.
Weight	10.8 kg. approx.
Overall Dimension	420 mm x 280 mm W x 450 mm (approx).
Horizontal Adjustment to touch	80 mm.
Vertical Adjustment to touch	60 mm.



## Portable Gas Cutting Machines



### KING PANTHER-IM

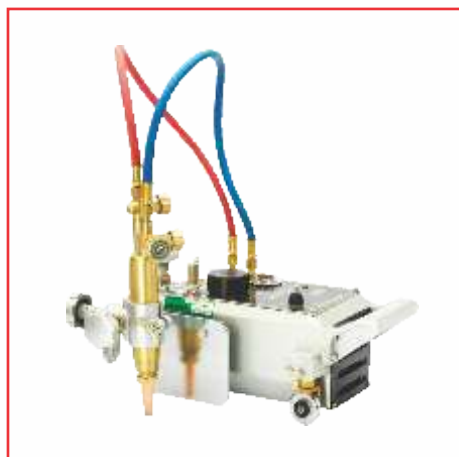
PORTABLE GAS CUTTING MACHINE (2 SEAT INJECTOR MIX TYPE)

#### KEY FEATURES AND SPECIFICATIONS :

- Unique design with louvers for ventilation which reduces overheating of motor and electrical parts
- Unbreakable, smooth and precise horizontal and vertical adjustment of torch
- Bevel setting with locking facility ensures bevel accuracy during continuous cutting operation
- Heat reflector with air gap, which protects the motor and other electrical parts from overheating
- Long & Sturdy Metallic lifting handle, hence machine can be lifted easily even if when it is hot
- Travels on standard 1.8 meter long extruded Aluminium rail track
- Versatile light weight and rugged machine designed for long, trouble free operation

#### BRIEF SPECIFICATIONS:

SPECIFICATIONS	VALUE
Cutting Capacity	Up to 75 mm thick Plate
Straight Cutting	In 1.8 meters length or its multiples by adding extra track
Circle Cutting (Optional)	From Ø150 mm to Ø1200 mm.
Bevel Cutting	Up to 45°, 50 mm thick plate
Cutting Speed	Min.: 0-200 mm/min. (approx) Max.: 800-1000 mm/min. (approx.)
Horizontal Adjustment of Cutting Torch	80 mm
Vertical Adjustment of Cutting Torch	60 mm
Weight of the machine	8 Kgs. (Approx.)
Power Supply	220/250V, 1Ø, 50 Hz, or 220/250V DC
Speed Control	Wire Wound Potentiometer
Inlet Gas Hose connections for Gas Torch	1/4" BSP RH & LH
Cutting Nozzles (Optional)	75 mm Length, A type for Oxy-Acetylene and P type for Oxy-LPG



## Portable Gas Cutting Machines



### TIGER NM

#### HEAVY DUTY PORTABLE FLAME CUTTING MACHINE

#### SALIENT FEATURES & BENEFITS:

- Heavy duty portable gas cutting machine with facility of clutch arrangement for easy manual movement.
- Torch is with nozzle mix technology for gas cutting with 3 seat nozzles
- Tiger NM is supplied with steel rail of 1.8 mtr length - sturdy, does not get easily damaged. There is a provision to lock tracks in to each other.
- Speed variation is through mechanical cone-pulley arrangement (maintenance free)

#### TECHNICAL SPECIFICATIONS:

SPECIFICATIONS	UNIT	VALUE
Model Name		TIGER NM
Input Supply Voltage	V	220 / 240
Phase	No.	1
Frequency	Hz	50
Cutting Capacity	mm	100 THK.
Cutting Speed	mm / min	150 – 800
Straight Cut	mtrs.	1.8 Or in multiples by adding Rails
Circle Cutting	mm	200 TO 2000MM DIA.
Bevel Cutting	Deg.	Upto 45 Deg.
Horizontal Adj. (Torch)	mm	100
Vertical Adj. (Torch)	mm	70
Overall Dimensions (L X W X H)	mm	350 X 220 X 175
Weight of Machine	Kgs	9.8 (W/O TRACK)
Weight of Track	Kgs	6.2

#### STANDARD SCOPE OF SUPPLY:

SR.NO.	DESCRIPTION	PRODUCT CODE	QTY
1	TIGER NM Flame Cutting Machine With Steel Track (1.8mtr)	F10.38.804.0031	1
	OPTIONAL ACCESSORIES		
1	Circle Cutting attachment for TIGER NM	S41.04.022.0131	1
2	Straight Rail 1.8 Mtrs.	S41.04.022.0132	1



## King Cutting / Welding / Heating Torches



### KING JOIN - AGWT /3W

GAS WELDING BLOW PIPE (TORCH )

#### SALIENT FEATURES & BENEFITS:

- This is a well balanced blowpipe for versatile applications using Oxygen & Acetylene / LPG gases.
- Best suitable for gas welding / brazing from 0.5 mm to 3mm thick plates.
- Torch is designed with safety protections to give dependable performance against backfire.
- One Oxy-Acetylene tip is supplied as a standard scope along with torch for gas welding / brazing applications. Oxy-Acetylene & Oxy-LPG tips are optional.
- Torch can be used with both Oxy-LPG as well as Oxy-Acetylene gases.



### KING JOIN - AGWT / 25W

GAS WELDING BLOW PIPE (TORCH )



#### INTRODUCTION:

This balanced blowpipe is for versatile applications using Oxygen and Acetylene gases. It is most suitable for Gas welding and Brazing applications in general workshops and welding shops of large organisations.

#### SALIENT FEATURES & BENEFITS:

- Torch is designed with safety purpose to give dependable performance.
- Only 5 tips are able to cater for Gas Welding / Brazing from 0.8 mm to 6 mm thick plates. These are swaged copper tubes.
- This is a better engineered safety product designed to give dependable protection against backfire.
- This blowpipe has been designed as all metallic from outside.

#### BRIEF SPECIFICATIONS :

Maximum plate thickness that can be welded	6 mm of M. S.
Number of tips	5 sizes
Tip inlet thread	M 10 X 1 P
Length of torch	290 mm
Weight of torch (without tip)	750 gms
Blowpipe inlet connections	3 /8" BSP R.H. for Oxygen 3/8" BSP L.H. For Acetylene



## King Cutting / Welding / Heating Torches



### KING TORCH-NM

#### GAS CUTTING TORCH

#### SALIENT FEATURES & BENEFITS:

- King Cutting Torch has several advantages owing to its nozzle mix system. King Cutting Torch is available with ANM nozzle for use with Acetylene as fuel gas and PNM nozzle for use with LPG as fuel gas.
- NOZZLE-MIX CUTTING IS SAFEST: King Cutting Torches unique "positive-suction" NM nozzles are designed according to the fuel gas being used, to safeguard the torch and operator from "sustained backfire" or "flashback". This is especially advantageous when different fuel gases are used on the same shopfloor.
- WIDER RANGE OF OPERATION: King Cutting Torches can be employed for a wide range of cutting jobs.
- All you need is to change the nozzle to suit the job. Extra long torches and straight head torches are also available.
- EASY MAINTENANCE: The all metal design makes KING NM a rugged torch that can withstand rough handling by shopfloor workers.

#### BRIEF SPECIFICATIONS :

Maximum cutting thickness	300 mm
Length of torch	470 mm
Weight of torch	1.3 kg

Manufactured as per IS: 7653 – 1975 and Certified by Bureau of Indian Standards. Marked with ISI and certification license number CM/L 7226061

## King Cutting / Welding / Heating Torches



### KING TORCH-NM

#### EXTRA LONG GAS CUTTING TORCH



#### SPECIFICATIONS

- Maximum cutting thickness: 300 mm
- Length of torch: Extra Long as per the requirement
- Available for Vertical & Downstream Gas Cutting
- 2 nos. of hooks to reduce operator fatigue
- Lever Locking

#### TECHNICAL SPECIFICATIONS

SR. NO.	PART NO.	DESCRIPTION
1.	S41.04.022.0006	KING CUTTING TORCH, MODEL: KING CUT /180/460 MM, WITHOUT NOZZLE
2.	S41.04.022.0008	KING CUTTING TORCH, MODEL: KING CUT /90/600 MM, WITHOUT NOZZLE
3.	S41.04.022.0009	KING CUTTING TORCH, MODEL: KING CUT /180/600 MM, WITHOUT NOZZLE
4.	S41.04.022.0011	KING CUTTING TORCH, MODEL: KING CUT/90/900 MM, WITHOUT NOZZLE
5.	S41.04.022.0012	KING CUTTING TORCH, MODEL: KING CUT /180/900 MM, WITHOUT NOZZLE
6.	S41.04.022.0014	KING CUTTING TORCH, MODEL: KING CUT /90/1200 MM, WITHOUT NOZZLE
7.	S41.04.022.0015	KING CUTTING TORCH, MODEL: KING CUT /180/1200 MM, WITHOUT NOZZLE
8.	S41.04.022.0017	KING CUTTING TORCH MODEL: KING CUT /90/1500 MM, WITHOUT NOZZLE
9.	S41.04.022.0018	KING CUTTING TORCH MODEL: KING CUT /180/1500 MM, WITHOUT NOZZLE
10.	S41.04.022.0020	KING CUTTING TORCH MODEL: KING CUT /90/1800 MM, WITHOUT NOZZLE
11.	S41.04.022.0021	KING CUTTING TORCH MODEL: KING CUT /180/1800 MM, WITHOUT NOZZLE

- Manufactured as per IS: 7653 – 1975 and Certified by Bureau of Indian Standards.
- Marked with ISI and certification license number CM/L 7226061.



## King Cutting / Welding / Heating Torches



### KING TORCH-IM (2 SEAT)

(The 2 Seat Type Gas Cutting Torch)

KING TORCH-IM IS AN INJECTOR TYPE GAS CUTTING TORCH AVAILABLE WITH 'A' TYPE NOZZLE FOR USE WITH ACETYLENE AS FUEL GAS AND 'P' TYPE NOZZLE FOR USE WITH LPG AS FUEL GAS.

- Wider range of operation: King Torch-IM can be used for a wide range of Gas Cutting Jobs. All you need is to change the nozzle to suit the job thickness.
- Easy Maintenance: The all metal design makes King Torch-IM a rugged torch which can withstand working conditions at Site.

#### SALIENT FEATURES & BENEFITS:

- Torch Body & Torch Head - Made from Solid Brass Forgings which Ensure Enhanced Safety.
- Mixing Gas Tube Made from Solid Extruded Round Brass Rod for Precise Gas Flows for Cutting Application.
- Torch Handle: Single Piece Round Aluminium Extrusion, Black Powder Coated - Better Grip, Better Aesthetic and Durable.
- Gas Control Knobs: Powder Coated Metallic Knobs – Better Aesthetics, Durable and Better Grip.
- Low Weight, Well Balanced Torch.
- Cutting Oxygen Lever: Compact Metallic With Black Powder Coating - Better Aesthetics, Durable and Better Grip.
- Seamless SS Tubes in the Torch in place of Brass Tubes. Seamless SS Tubes are Stronger as compared to Brass.
- Replaceable Brass End Couplers in the Torch in case Its threads Gets Damaged, Whereas these are integral part alternate in Manufacturer's Torch Brass Body, Hence whole Torch Body of other Make Torches Need to be Replaced if Its inlet Hose Connection threads Gets Damaged
- Ador Torch appearance is Much Better / Brighter Because of Polished SS Tubes and Black Powder Coated Aluminium Extruded Handle and Blue / Red Powder Coated Aluminium Knobs as Compared to Plastic Moulded Handle and Knobs of other Makes

#### BRIEF SPECIFICATIONS:

- Maximum Cutting Thickness: 300 mm. M. S. Plate.
- Weight of Torch: 1.6 Kgs.
- Standard Set Includes Nut-Nipples for Oxygen & Fuel Gas, Nozzle Cleaner and Guarantee Card.
- Manufactured as per IS: 7653 – 1975 and Certified by Bureau of Indian Standards. Marked with ISI and certification license
- License Number CM/L 7500110098

#### STATUTORY WARNING:

To eliminate any remote possibility of Flashback, Gas Cutting Torches are recommended for use along with Torch mounted and Cylinder mounted Flash Back Arrestors for both Oxygen and Fuel Gas.



## King Cutting / Welding / Heating Torches



### **KING JOIN - AGHT / HT-1** GAS HEATING TORCH

#### **SALIENT FEATURES & BENEFITS:**

- Torch designed to use with LPG gas.
- Torch is designed with safety purpose to give dependable performance.
- 3 sizes of heating nozzles are provided with this torch.

#### **TECHNICAL SPECIFICATIONS: HT-1**

	unit	AWL
Model		HT - 1
Number of tips	No	3
Nozzle Inlet thread	mm	M12 X 1P
Length of Torch	mm	425
Weight of Torch (W / O Tip)	gms	490
Torch Inlet Connection		3 / 8" BSP L. H.



## King Cutting / Welding / Heating Torches



### GAS CUTTING NOZZLE

#### SALIENT FEATURES & BENEFITS:

- ANM type nozzle for Oxy - Acetylene
- Nozzle length-90 mm-Non-turbulent and smooth gas flow / flame.
- PNM type Nozzle for Oxy. - LPG
- Swaged nozzle ends – Faster cutting due to concentrated and forceful gas flow / flame

#### NOTE:

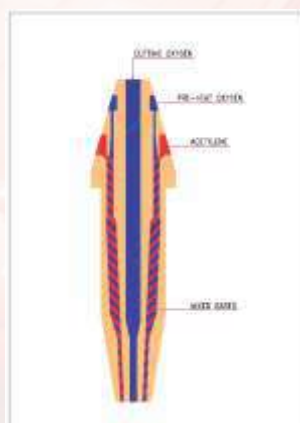
- Use ANM type nozzle for Oxy - Acetylene gas cutting
- Use PNM type nozzle for Oxy - LPG gas cutting

#### OPERATING DATA FOR ANM / PNM GAS CUTTING NOZZLES: (At Normal Neutral Flame)

Nozzle Size	Plate Thickness	Acetylene Pressure	Propane Pressure	Oxygen Pressure
Inch	mm	Kg / Sq.cm.	Kg / Sq.cm.	Kg / Sq.cm.
1/32	3-6	0.2	0.2	1.5
3/64	6-20	0.2	0.2	2
1/16	20-75	0.25	0.25	3
5/64	75-125	0.3	0.3	3
3/32	125-175	0.3	0.3	3
7/64	175-225	0.35	0.35	4
1/8	225-300	0.4	0.4	4.5

These values are for guide lines only, actual values may differ depending on the condition of nozzle, actual cutting speed etc.  
Use 'ANM' type nozzles for Oxy-Acetylene cutting and 'PNM' nozzle for Oxy-LPG nozzle.

#### Three Seat Oxy/Acetylene Gas Cutting Nozzle





## King Regulators



### KING REGULATOR SERIES (TWO-STAGE) GAS REGULATORS

#### SALIENT FEATURES & BENEFITS:

- Stainless steel diaphragm in first stage to absorb shock of inlet pressure up to 230 bar. Flexible rubber diaphragm in second stage for fine gas control.
- Forged brass bonnet in first stage and die cast special alloy bonnet in second stage for higher strength.
- Teflon moulded valve and stainless steel spindle in the valve assembly capsule in both stages for leak-proof performance.
- Unique pressure gauge & pressure adjusting knobs.
- Second stage plenum chamber volume is six times than first stage ensuring very stable flow characteristics.
- Double protection through separate safety valves in both first and second stage.
- Triple filter: one in inlet and two wire mesh in the valve assembly protect the sensitive internal parts from any dust particles. Weight 2.40 Kg.
- Argon Gas Regulators with outlet flow-gauge design indicating gas flow in LPM and Ft<sup>3</sup>/Hr. as measuring units as seen in gas flowmeter, hence no additional flow-meter required.
- Argon is a shielding Gas while others gases such as Oxy / Acetylene/ LPG are being used for Oxy-fuel cutting application and Nitrogen in High definition Plasma Cutting, are high pressure compressed gases.

#### BRIEF SPECIFICATIONS :

Gas	Regulator Type	Max. Inlet Pressure Bar	Max. Outlet Pressure Bar	Max. Flow Lpm	End Connections	
					Inlet	Outlet
Oxygen	KING REGULATOR	230	10	1000	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
Acetylene	KING REGULATOR	25	1.5	250	5/8" BSP LH (MALE)	3/8" BSP LH (MALE)
Argon	KING REGULATOR	230	-	25	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
Nitrogen	KING REGULATOR	230	10	1000	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)

Manufactured as per IS:6901-2009

Certified by Bureau of Indian standards. Regulators are marked with ISI and certification license number CM/L 7225968.



## King Regulators



### KING REGULATOR SERIES (SINGLE-STAGE) GAS REGULATORS

#### SALIENT FEATURES & BENEFITS:

- Unbreakable moulded pressure adjusting knob.
- Unique profile rubber diaphragm.
- Stainless steel machined & ground valve spindle with Teflon moulded valve at the heart of the regulator.
- Sintered filter in the inlet, wire mesh filter in valve assembly.
- Side inlet for horizontal cylinder valve.
- Self-adjusting safety valve.
- Weight 1.10 Kg approx.
- CO<sub>2</sub> & Argon Regulators with outlet flow-gauge design. Hence no additional flow-meter is required.

#### BRIEF SPECIFICATIONS :

Gas	Regulator Type	Max. Inlet Pressure Bar	Max. Outlet Pressure Bar	Max. Flow Lpm	End Connections	
					Inlet	Outlet
Oxygen	KING REGULATOR	200	10	1000	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
Acetylene	KING REGULATOR	25	1.5	250	5/8" BSP LH (MALE)	3/8" BSP LH (MALE)
Argon	KING REGULATOR	200	-	25	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
CO <sub>2</sub>	KING REGULATOR	200	-	25	BSW 0.86 X 14 TPI RH (FEMALE)	3/8" BSP RH (MALE)
LPG	KING REGULATOR	25	1.5	200	BSW 0.86 X 14 TPI LH (FEMALE)	3/8" BSP LH (MALE)

- Manufactured as per IS:6901-2009
- Certified by Bureau of Indian standards. Regulators are marked with ISI and certification license number CM/L 7225968.
- LPG Regulators are required to be used with KING ADAPTORS for fitting to the LPG gas cylinder.
- Two types of KING ADAPTORS are available to suit to Private and Govt. LPG gas Cylinders.



## King Regulators

### KING REGULATOR CASSANDRA SERIES (SINGLE STAGE COMBINED FLOW-METER SERIES)

#### SALIENT FEATURES & BENEFITS:

- 1.5" Dial size inlet Pressure Gauge
- Square Flow meter Tube design provides more clear visibility
- Piston type arrangement for better & precise Gas Control
- Teflon valve seat for Gas sealing for leak-proof performance
- Inlet filter to protect internal parts from any dust particles entry in gas regulator.
- Weight 0.6 Kgs. Approx.
- Forged Brass construction for Regulator Body, Bonnet, Flow-meter body

#### BRIEF SPECIFICATIONS :

Gas	Regulator Type	Max. Inlet Pressure Bar	Inlet Pressure Gauge Range (Bar & psi)	Max./ Outlet Flow Range (LPM)	Inlet Connections	Outlet Connections
CO <sub>2</sub>	CASSANDRA SERIES	200	0-315	0-30 LPM	BSW 0.86 X 14 TPI RH (FEMALE)	3/8" x 19 BSP RH (MALE)
Argon	CASSANDRA SERIES	200	0-315	0-30 LPM	5/8" x 14 BSP RH (MALE)	3/8" BSP RH (MALE)





## King Regulators



### GAS SAVER

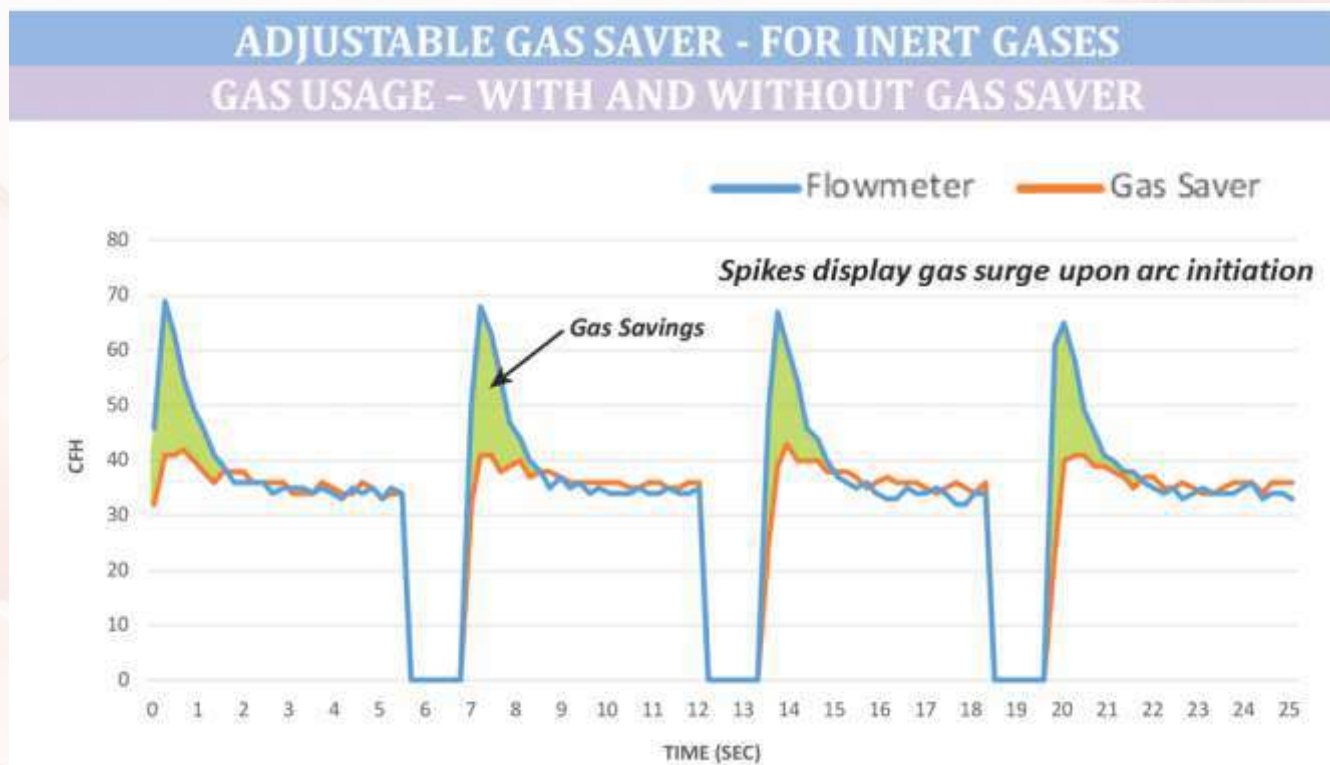
#### ADJUSTABLE TYPE GAS SAVER FOR INERT GASES

#### APPLICATION:

- Reduces gas consumption upto 35% or more on shielding gas
- Restricts gas surge upon arc starts, screen also prevents blockage
- Adjustable dial allows fine tuning of gas flow, ideal for long bulk gas delivery systems with pressure drops
- Saves gas and allows fine tuning of gas flow
- Applicable for Argon, CO2 and Argon, CO2 mixed Gas Service
- Fits on the outlet side of the gas regulator
- Reduces - Gas Waste and Inferior Weld Quality Improves weld Quality and cut gas usage
- Best suit for Tack weld during Welding Process.

#### BRIEF SPECIFICATION:

- Thread Connections: Inlet - 3/8" BSP RH (Female) to Outlet - 3/8" BSP RH
- 10 micron filter for inlet and outlet side
- Adjustable Type





## King Adaptor



### KING ADAPTOR

ADAPTOR FOR LPG GAS REGULATOR

#### INTRODUCTION:

LPG gas is used in industries for Gas cutting, Heating, Welding purposes. This LPG gas is stored in LPG Cylinders for continuous supply of gas for the required operations. LPG gas regulator is required to regulate the supply of LPG gas which is stored in the LPG Cylinders. An ADAPTOR is required for fitting these LPG Regulators on the LPG cylinder. AWL has following sizes of Vertical type Adaptors for above applications with model name as KING ADAPTOR.

#### BRIEF SPECIFICATIONS :

PART NO.	SIZE	APPLICATION
S10.64.510.0077	22 MM	KING ADAPTOR FOR PVT. CYLINDER
S10.64.510.0078	25.6MM	KING ADAPTOR FOR GOVT. CYLINDER

#### TECHNICAL SPECIFICATIONS:

- Outlet Connection Threads: EXT W21.8 X 1.814 mm (0.860 BSW X 14 TPI) LH
- Inlet Pressure: 0.3 to 17 Bar
- Outlet Pressure: Unreduced
- Flow Rate: 8 Kg/ Hour
- Over all Dimensions: Ø 62 mm X 76 mm H

#### SALIENT FEATURES & BENEFITS:

- This KING ADAPTOR delivers the LPG gas supply at an unreduced delivery pressure which is required for the operation of Gas cutting, Welding / Heating torches, Machines, burners etc.
- It is fitted with non-return valve which prevents reverse gas flow to the cylinder.
- It has a moulded knob for gas on/off control.
- Easy spring loaded fitting ADAPTORS to the LPG gas cylinders with no tools required.
- It is fitted to LPG cylinder valve by means of stainless steel balls, which holds the collar of the cylinder valve under the pressure of a spring loaded locking ring. The snap-in action of the black moulded coupling ensures a gas tight connection between the Adaptor & cylinder valve. This ensures gas leak proof fitting.
- The body is pressure die casting made up of special Zinc material and other parts are corrosion-resistant to suit LPG gas, materials such as brass, stainless steel etc.
- These ADAPTORS are fitted with "O" ring at the inlet to eliminate any gas leakage.
- It is supplied with Protective Covers to avoid transit/thread damages and entry of dirt / dust in these Adaptors.





## King Heater



### KING HEATER

Pre-heater for CO<sub>2</sub> Gas

#### SALIENT FEATURES:

- CO<sub>2</sub> Heaters are used for heating the gas before it enters into the regulator. It is efficiently designed which improves the efficiency in comparison to other conventional heaters. The heater is easy to use and can be directly connected to the cylinder and integrated in piping systems.
- Metallic Body with holes to avoid excessive temperature rise.
- Moulded end covers to avoid thermal shocks to the operator.
- Automatic temperature control through thermo-cut.
- The CO<sub>2</sub> heaters ensure efficient vaporization of the gas and avoids regulator freezing. A high strength moulded case protects the unit from abuse and the mounting of the heater is designed to minimize overhang thus reducing the risk of accidental damage. The direct heat transfer from the element to the emerging liquid CO<sub>2</sub> gives improved efficiency and enables the unit to function at a lower operating temperature thus prolonging element life.
- Compact & Light weight.
- Indication lamp for Heater on/off indication.

#### TECHNICAL SPECIFICATIONS:

- Input Supply: 230 V AC, 1 phase, 50 Hz OR 110 V AC as per the Heater type / part number.
- Rating: 150 Watt
- Inlet Threads: Hex. nut with internal threads: W21.8X1.814-RH (BSW 0.86 X 14 TPI)
- Outlet Threads: Ext. Threads: W 21.8X1.814 - RH (BSW 0.86 X 14 TPI)
- Length of input supply cable: 2.35 Meters.
- Over all Dimensions: L 125 mm X W 62 mm X H 106 mm
- Weight (Without supply cable): 0.6 Kg. approx.



## King Protect Flashback Arrestors



### KING PROTECT - T FLASHBACK ARRESTOR FOR TORCH

KING PROTECT - T/O - FLASHBACK ARRESTOR FOR OXYGEN GAS - TORCH MOUNTED

KING PROTECT -T/A - FLASHBACK ARRESTOR FOR FUEL GAS - TORCH MOUNTED

**Flashback arrestors for reliable protection against dangerous reverse gas flows and flashbacks. Every flashback arrestor is 100% tested.**

APPROVALS :	ISO	EN	ISO
	9001	730-1	5175

#### KEY FEATURES :

- The flashback arrestors are installed at the inlet of the blowpipe.
- A large surface area flame arrestor constructed of stainless steel extinguishes any dangerous flashbacks entering the device from any direction.
- A spring loaded non-return valve prevents slow or sudden reverse gas flow which could form explosive mixtures in the gas supply.
- A filter at the gas inlet protects the arrestor against dirt contamination, extending the service life.

BRIEF SPECIFICATIONS :						
Model	Max. Working pressure		Inlet Male thread	Outlet Female thread	Weight	Material
KING PROTECT-T	Gas	(Bar)			(gms)	
	Acetylene (A)	1.5	3/8" BSP LH	3/8" BSP LH	110	Brass, Elastomer
	LPG (P)	5.0				
	Oxygen (O)	30.0	3/8" BSP RH	3/8" BSP RH		



## King Protect Flashback Arrestors



### KING PROTECT - R FLASHBACK ARRESTOR FOR REGULATOR

The Best Flashback Arrestors In The World

KING PROTECT - R/O - FLASHBACK ARRESTOR FOR OXYGEN GAS - REGULATOR MOUNTED  
KING PROTECT -R/F - FLASHBACK ARRESTOR FOR FUEL GAS - REGULATOR MOUNTED

**Flashback Arrestors for reliable protection against dangerous reverse gas flow and flash backs. Every Arrestor 100% tested.**

APPROVALS :	ISO	EN	ISO
	9001	730-1	5175

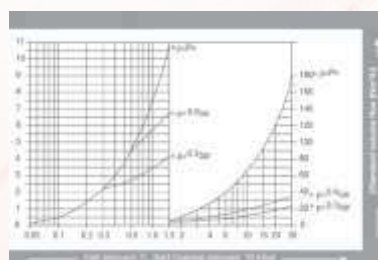
#### KEY FEATURES :

- A large surface area flame arrestor of stainless steel construction extinguishes any dangerous flashback entering the device in any direction
- A temperature sensitive cut-off valve extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level.
- A spring loaded non-return valve prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply.
- A filter at the gas inlet protects the arrestor against dirt contamination, extending the service life.

#### OPERATION / USAGE :

- Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against dangerous reverse gas flow and flashbacks.
- For pipeline outlets and single cylinders.
- The maximum ambient / working temperature is 70°C / 158°F.

#### CONVERSION FACTOR :



#### KING PROTECT - R

Acetylene x 1.04  
Propane x 0.80  
Oxygen x 0.95

#### BRIEF SPECIFICATIONS :

Model	Max. Working pressure		Inlet Female thread	Outlet Male thread	Weight	Material
KING PROTECT-R	Gas	(Bar)			(gms)	
	Acetylene (A)	1.5	3/8" BSP LH	3/8" BSP LH	180	Housing-Brass, Flame Arrestor-Stainless Steel Seal-Elastomer
	LPG (P)	5.0				
	Oxygen (O)	30.0	3/8" BSP RH	3/8" BSP RH		





## Personal Protective Equipment (PPE)



### King Shield-Hand (83 x 108 mm) :

#### KEY FEATURES :

Hand shield made of flame retardant glass filled nylon having 2.0 mm shell thickness with flat front. Weighing less than 500 gms., it has a concealed handle with good grip to protect the hand and reduce welder's fatigue. It is suitable for lens size of 83 x 108 mm.



## Personal Protective Equipment (PPE)



### King Shield-Auto

#### KEY FEATURES :

This Auto-darkening helmet is of classical design, excellent ergonomic structure, comfortable and convenient to use. Light weight shell with comfortable head gear offers ample mask space and superior face, head, neck & ear protection. The shell is made of special nylon which is strong and can well withstand operating welding temperature. High quality multilayer interactive filter provides clear view and permanent UV/IR protection up to DIN13. An external shade adjustment knob enables operator to select between DIN9 to DIN13. Step less Delay and Sensitivity can be adjusted by the user from inside for easy and comfortable operation. This helmet is suitable for all position MMA, MIG/MAG & TIG welding.



## Personal Protective Equipment (PPE)



### Soteria-1

#### KEY FEATURES :

##### HIGH PERFORMANCE-HIGH QUALITY-OPTICS

- Large viewing area (100 x 54 mm)
- Best visibility before welding shade 3 in light state & true color filtering
- Selectable Shade 8-12 for all types of welding
- Best optical classes according to CE EN379 sharp view, superior angle dependence

#### ELECTRONICS

- Fast switching when striking the arc (0.0001 s)
- Auto-delay. The time to return to the light state depends on the weld time. Longer welds means longer delay, short welds means shorter delay.
- Dual sensors at eye level. If you can see the arc, so will the sensors.
- Can be used in sunlight. The sensors react on all types of welding arcs, including TIG above 5A



## Soteria-1

### AUTO - DARKENING WELDING HELMET

- Good Coverage of ears, neck and sides of the head
- High Robustness and meets requirements for high speed (120 m/s) particles according to CE 175 B EASY TO USE - COMFORTABLE TO WEAR
- Always ON - just to pick up and start to weld
- SHADE can be adjusted to fit the actual welding situation.
- No need for battery change. Lifetime of the built in battery cell is more than 10 years, thanks to the support from the solar cells.
- Soft and comfortable headgear with multiple adjustments
- Protective cover plates, outside and inside with scratch resistant coating, easy to remove and replace.
- Low weight, less than 500 g.
- Swedish Technology' from the Inventor of Auto Darkening Helmet
- WELD AND GRIND MODE FUNCTION

### TECHNICAL SPECIFICATIONS

Optical Specifications	
Viewing area	100 x 54mm
Optical Class	1
Diffusion of Light Class	1
Homogeneity	1
Angle dependence	1
Light State	Shade 3
Dark State	Variable Shade 8-12
UV/IR protection	Full Protection at all times
Electronics	
Switching time, light to dark	0.15 ms at room temperature
Switching time, dark to light	0.2 - 1 s (auto-delay function)
Sensors	2 sensors in eye level
Sensitivity	Adjustable from low to high
Operating time, battery	More than 10 years
Helmet	
Material	PA6
Weight	480 g
Application	Any electric ARC, MMA, MIG / MAG, TIG welding process

- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify / change the design and / or the specifications without any prior notice.
- Backed by dedicated customer care package.





## Personal Protective Equipment (PPE)



### King helmet-H-W

#### KEY FEATURES:

- High Density - HDPE Shell
- Classic V - Design
- Rigid and Durable
- Soft PP Material for Head Hoop
- Ratchet adjustment Knob, Tight and Reliable
- 4 Point attachment provides Impact Protection
- White Colour
- Ventilated



## Personal Protective Equipment (PPE)



### King Helmet-H-Y

#### KEY FEATURES:

- High Density - HDPE Shell
- Classic V - Design
- Rigid and Durable
- Soft PP Material for Head Hoop
- Ratchet adjustment Knob, Tight and Reliable
- 4 Point attachment provides Impact Protection
- Yellow Colour
- Ventilated



## Personal Protective Equipment (PPE)



### King Glove - GP

Superior Rigger Gloves designed for material handling in tough environment

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.02.001.0001	KING GLOVE-GP	60 Pairs.	Pairs	5 Pairs

#### KEY FEATURES :

- Strong 1.2 /1.3mm chrome leather for high abrasion resistance
- Double leather on palm for enhanced protection
- Cotton backing for breathability and comfort
- Rubberised cuff for enhanced wrist protection
- A filter at the gas inlet protects the arrestor against dirt contamination, extending the service life.
- Vein patch and knuckle protector for increased wearer safety
- Fleece lined palms for additional comfort
- Elasticated back for secure fit
- Approved to EN 388 Cat II



## Personal Protective Equipment (PPE)



### King Glove - MP

Multipurpose Gloves made of chrome leather

#### KEY FEATURES :

- Reversible all leather gloves 35 cm (14 inch.)
- Ambidextrous style
- 15cm heavy split leather cuff
- Palm and Back fully lined for protection
- Kevlar® stitched

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.02.001.0002	KING GLOVE-MP	30 Pairs.	Pairs	5 Pairs



## Personal Protective Equipment (PPE)



### King Glove - MIG

Heavy duty Gloves for MIG/MAG/MMA Welding made of heavy chrome leather for robust wear yet comfortable feel.

#### KEY FEATURES :

- Full five finger welder's gauntlet
- One piece back 35 cm (14 inch).
- Fully welted, no exposed seams
- Kevlar® sewn throughout
- Comfortable soft full lining
- Approved to EN 388 and EN 12477 type A

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.02.001.0003	KING GLOVE-MIG	30 Pairs.		5 Pairs



## Personal Protective Equipment (PPE)



### King Glove -TIG

Flexible high quality Welders gauntlet for TIG welding

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.02.001.0004	KING GLOVE-TIG	10 Pairs.	Pairs	1 Pair

#### KEY FEATURES :

- Nappa Grain leather palm and fingers ensure high dexterity
- 15cm leather cuff provides robust protection
- Kevlar® sewn throughout
- Reinforced thumb crotch for additional protection
- Approved to EN 12477 type B, EN 388



## Personal Protective Equipment (PPE)



### King Glove – HR

Heat Resistant heavy duty Gloves for MIG/MAG/MMA Welding made of specially treated rust heat resistant leather

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.02.001.0005	KING GLOVE-HR	10 Pairs.	Pairs	1 Pair

#### KEY FEATURES :

- Heat Resistant Welder Gauntlet 35 cm
- Fully blanket lined for extra protection
- Robust yet soft comfortable fit
- Tested to 250 deg C convective heat
- Kevlar® sewn throughout
- Approved to EN 388 and EN 12477 type A



## Personal Protective Equipment (PPE)



### King Apron

#### KEY FEATURES :

Heavy duty Welding Apron made of high quality chrome leather, Kevlar® sewn throughout, light weight, reinforced with rivets and leather straps for comfortable wear.

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.03.001.0001	KING APRON	10 Nos.	Nos.	1 No.



### King Sleeve Guard



#### KEY FEATURES:

Sleeve Guard is made of soft chrome leather, Kevlar® sewn throughout. Elasticated cuff with velcro arm fastener and knitted wrist for comfort, 18½ inch long sleeve guard ensures full protection of welders sleeve.

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.04.001.0001	KING LEG GUARD	10 Nos.	Nos.	1 No.



### King Leg Guard



#### KEY FEATURES:

Leg Guard is made of high quality split leather, Kevlar® sewn throughout to protect footwear during welding. Elasticated toe hold and Velcro fastener ensures snug fit.

PART NO.	DESCRIPTION	MOQ	UOM	Packing Quantity
STP.05.001.0001	KING SLEEVE GUARD	10 Nos.	Nos.	1 No.



## Personal Protective Equipment (PPE)

### King Vision - Weld

Safety Eyewear Spectacles



#### KEY FEATURES :

- Flip-up Front Design For Convenience.
- Flexible PVC Frame
- Indirect Ventilation
- Clear And Dark PVC Lenses For Different Application
- Eye Protection For Gas Welding, Brazing, Cutting & Allied Application



### King Vision - Pro

Safety Eyewear Spectacles



#### KEY FEATURES :

- Single Piece Perfect View Design
- Clear PC Lenses
- Anti-scratch, Anti-fog Coated



### King Vision - Smoke

Safety Eyewear Spectacles



#### KEY FEATURES :

- Unique cushioned bridge and temples for improved comfort
- Polycarbonate Lens
- Anti-scratch, Anti-fog Coated



### King Vision - Clear

Safety Eyewear Spectacles



#### KEY FEATURES :

- Unique Cushioned Bridge And Temples For Improved Comfort
- Polycarbonate Lens
- Anti-scratch, Anti-fog Coated



## Personal Protective Equipment (PPE)

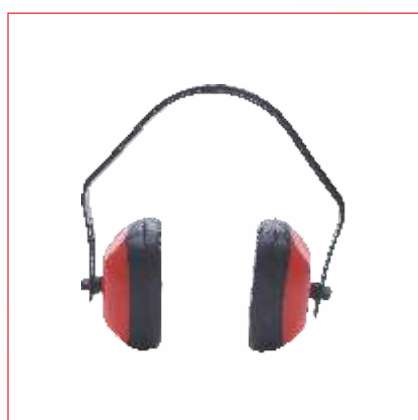
### King - Ear Plug

Ear Protection



#### KEY FEATURES :

- Polyurethane Foam Material
- Bullet Shape With String
- SNR 33 DB



## Personal Protective Equipment (PPE)

### King - Ear Muff

Ear Protection



#### KEY FEATURES :

- PP Material For Shell & Head Hoop
- Easy Slide Cup Adjustment
- High Quality Sponges In Shell
- NRR 29 Db



## Personal Protective Equipment (PPE)



### Safety Shoe-BISON

IS-15298 COMPLIANT SAFETY SHOES FOR GENERAL ENGINEERING, CHEMICAL, CEMENT, SERVICE & CONSTRUCTION INDUSTRIES

#### KEY FEATURES :

- Genuine full grain leather barton print
- Steel toe as per IS 15298 & EN 20345 standard
- Imported red mesh breatheble lining
- Synthetic pu crespny black collar with extra cushioning
- Imported red mesh breatheble lining
- Moulded full socks
- Light weight for extra comfort
- Direct injected light weight pu sole
- Antistatic & slip resistant
- Meet standard is 15298 ( part II)
- Available in sizes UK - 5 to 11
- Value for money



## Personal Protective Equipment (PPE)



### Safety Shoe-RHINO

HIGH QUALITY SAFETY SHOES AS PER IS-15298 FOR GENERAL ENGINEERING CHEMICAL, CEMENT, CONSTRUCTION AND SERVICE INDUSTRIES

#### KEY FEATURES :

- High quality genuine tan / black suede leather
- Steel toe as per IS 15298 & EN 20345 standard
- Imported black cambrelle breatheble lining
- Imported black tetron collar with extra cushioning
- Moulded full socks
- Light weight for extra comfort
- Direct injected light weight pu sole
- Antistatic & slip resistant
- High quality black mettalic hooks
- Meet standard is 15298 ( part II)
- Available in sizes UK - 5 to 11



## Welding Accessories



### Holder HC-600

#### KEY FEATURES:

This electrode holder is Type 'B', semi insulated, heavy duty for use in project sites and workshops. Spatter protection guard of this holder is moulded from FR grade plastic. Its handle and lever is made of 'Paper Hylum' which ensures good heat resistant quality and ensures minimum welder's fatigue due to its light weight. This holder conform to IS: 2641.



## Welding Accessories



### Holder King Cool-600

#### KEY FEATURES:

Crocodile style type 'B' fully insulated electrode holder, conform to IS-2641. Its handle, lever, spatter protection guards are made of fire retardant and heat resistant imported material. Special quality of copper alloy as main conductor & brass jaws ensure good contact with electrode and continuous duty cycle. This holder is very light weight and suitable for cables up to Al120/Cu70 sq.mm.



## Welding Accessories



### Holder King Sword-200

#### KEY FEATURES:

This is a type 'B' electrode holder with fully insulated head to resist spatter. Sturdy handle made of fibreglass polyamide is light weight and for heavy duty application. Insulation resistant above 1 mega ohm and dielectric strength up to 3000 volts ensures enhanced safety. This holder is suitable for cables up to Al55/Cu35 sq.mm. and CE certified as per European standard EN60974-11.



## Welding Accessories



### Holder King Sword-400

#### KEY FEATURES:

This is a type 'B' electrode holder with fully insulated head to resist spatter. Sturdy handle made of fibreglass polyamide is light weight and for heavy duty application. Insulation resistant above 1 mega ohm and dielectric strength up to 3000 volts ensures enhanced safety. This holder is suitable for cables up to Al120/Cu70 sq.mm. and CE certified as per European standard EN60974-11.



## Welding Accessories



### Holder King Sword-600

#### KEY FEATURES:

This is a type 'B' electrode holder with fully insulated head to resist spatter. Sturdy handle made of fibreglass polyamide is light weight and for heavy duty application. Insulation resistant above 1 mega ohm and dielectric strength up to 3000 volts ensures enhanced safety. This holder is suitable for cables up to Al120/Cu70 sq.mm. and CE certified as per European standard EN60974-11.



## Welding Accessories



### KING SABRE 400

#### FULLY INSULATED TYPE – 'A' ELECTRODE HOLDER

- Fully insulated Type A Electrode Holder (Screw Type) for 100% welder safety.
- Dual Electrode entry positions - 45° and 90° for flexible and versatile use.
- Heavy duty electrode clamping arrangement with full conductivity to reduce temperature rise.
- Fully Insulated Handle with DMC, Brass Insert and Rubber Cover for easy grip.
- Insulation resistant above 1 mega ohm and dielectric strength up to 3000 volts
- CE EN60974-11



## Welding Accessories



### Earth Clamp-600

#### KEY FEATURES:

Earth clamp made of zinc coated steel and copper plated jaws provide very good contact with the work piece. Jaws can be opened up to 60mm. and most suitable for heavy duty applications.



## Welding Accessories



### KING HOSE

PREMIUM QUALITY WELDING & CUTTING HOSE

#### KEY FEATURES :

- Specially designed for Oxy-Acetylene welding and cutting smooth gas flow / flame.
- Manufactured as per IS 447.

#### NOTE:

- Highly flexible
- Excellent Electrical Resistant
- Light in weight
- High Abrasion Resistant
- Supplied in 50 meter lengths packed in box
- Supplied in both 8mm and 10mm inside dia.
- Blue colour for Oxygen gas & Red colour for fuel gas
- 8 MM both Blue & Red colour hose also supplied in 100 meters length

#### SPECIFICATIONS :

Technical Specifications	KING HOSE
Core:	Plasticized PVC
Reinforcement:	High Tensile Polyester Yarn
Cover:	Hyper Flame Retardant Thermo-compound
Temperature Range:	-40°C to +55°C

Specification	Size	Product code	Hose ID (NOM)		Hose ID (NOM)		Working Pressure		Min. Bending Radius		Min. Bending Radius	
			Inch	mm	Inch	mm	Psi	bar	Psi	bar	Inch	mm
King Hose-Blue	8 mm	S41.22.013.0238	5/16	8	0.63	16.0	200	15	800	55	1.0	25
King Hose-Red	8 mm	S41.22.013.0239	5/16	8	0.63	16.0	200	15	800	55	1.0	25
King Hose-Blue	10 mm	S41.22.013.0109	3/8	10	0.71	18.0	200	15	800	55	1.52	38
King Hose-Red	10 mm	S41.22.013.0110	3/8	10	0.71	18.0	200	15	800	55	1.52	38
King Hose-Blue	8 mm 100 Mtr.	S41.22.013.0944	5/16	8	0.63	16.0	200	15	800	55	1.0	25
King Hose-Red	8 mm 100 Mtr.	S41.22.013.0945	5/16	8	0.63	16.0	200	15	800	55	1.0	25





## Welding Accessories



### KING WELDING CABLE

#### KEY FEATURES :

- Made in accordance with IS 9857/90
- Conductors tested in accordance with IS 8130/84
- Jacketing tested in accordance with IS 6380/84
- Excellent Heat, Flame and Wear resistant
- Excellent flexibility
- Highly recommended for use in Automatic Welding Machines

#### CONSTRUCTION :

- Ador welding cables are manufactured with rope-lay stranded, bunched members of Plain/Annealed Copper /Aluminium in accordance with IS 8130/84.
- A polyester tape separates the conductor from the rubber insulation.
- The cable is covered with black General Purpose grade rubber Type SE-1 or HOFR Type SE-3 in accordance with IS 6380/84

#### APPLICATION :

- Ador Welding Cable is suitable for use in industrial and light to medium mining application and heavy-duty service.
- The cable has been specially designed for transmitting high currents between the welding generator and the electrode.
- The high degree of flexibility avoids forming of knots in cable because of which internal conductor will not break.

#### FLEXIBLE WELDING CABLE WITH BENDING RADIUS : APPROX. 15 X CABLE Ø

Cross Sec (Sq.mm)	Copper Conductor					Aluminium Conductor				
	Approximate No. of Wires	x Single WireØ	Radial thickness of sheathing	Approximate overall diameter	Max Resistance @ 20°C	Approximate No. of Wires	x Single WireØ	Radial thickness of sheathing	Approximate overall diameter	Max Resistance @ 20°C
	(mm)	(mm)	(mm)	(mm)	(ohm/km)	(mm)	(mm)	(mm)	(mm)	(ohm/km)
1x25	783	x 0.2	2.0	12.0	0.780	--	--	--	--	--
1x35	497	x 0.3	2.0	13.7	0.554	497	x 0.3	2.0	13.7	0.901
1x50	702	x 0.3	2.2	15.3	0.386	702	x 0.3	2.2	15.3	0.634
1x70	999	x 0.3	2.4	17.3	0.272	999	x 0.3	2.4	17.3	0.445
1x95	1302	x 0.3	2.6	20.5	0.206	1302	x 0.3	2.6	20.5	0.334
1x120	1702	x 0.3	2.8	22.7	0.161	1702	x 0.3	2.8	22.7	0.256

#### CURRENT RATING FOR SHEATHED WELDING CABLE

Cross Sec (Sq.mm)	Current Rating At Max Duty Cycle for General Purpose Cable								Current Rating At Max Duty Cycle for HOFR Cable							
	Copper Conductor				Aluminium Conductor				Copper Conductor				Aluminium Conductor			
	Current Rating In Amps				Current Rating In Amps				Current Rating In Amps				Current Rating In Amps			
	100%	85%	60%	30%	100%	85%	60%	30%	100%	85%	60%	30%	100%	85%	60%	30%
1x25	125	136	161	228	--	--	--	--	177	192	228	343	--	--	--	--
1x35	156	169	201	285	123	133	159	225	221	240	285	403	176	191	227	321
1x50	197	214	254	360	155	168	200	283	279	303	360	509	222	241	287	405
1x70	248	269	320	453	196	213	253	358	352	382	454	643	280	304	361	511
1x95	299	342	386	546	237	257	306	433	424	460	547	774	339	368	438	619
1x120	--	--	--	--	283	307	365	517	--	--	--	--	404	438	522	738





## Welding Accessories



### ADOR HANDY

THE NEW ADOR PORTABLE ELECTRODE DRYING OVEN

#### KEY FEATURES :

- Provided with thermostat control for precise setting of drying temperature for various types of electrodes
- Light weight oven- Easy to carry
- Reliable ovens with continuous operation
- Moulded plastic lifting handle-Easy to carry when it is hot
- Uniform heating of electrodes

#### SPECIFICATIONS :

Type	230 V with Thermostat
Weight	3.8 Kgs.
Temperature Range	Variable from 50 – 300°C.
Dimension	
a) External	515 mm (L) X 190 mm (W) + 190 mm (H)
b) Internal	435mm (L) X 62 mm (Dia.)
Capacity	5Kgs.of electrodes
Power Supply Cable length	2 meter

#### USAGE :

Normally Electrodes are first heated in Drying Oven at 250 to 300°C for total moisture removal and then preheated electrodes are put inside Carry ovens at 160 to 180°C. However, with ADOR HANDY Thermostatic Control Ovens, electrodes can be heated directly inside carry ovens at 250 to 300°C and subsequently after moisture removal, temperature can be lowered to 170°C.

**ORDERING INFORMATION:** DESCRIPTION: ADOR HANDY, ITEM CODE: S10.64.001.0059



## Welding Accessories



### ELECTRODE AND FLUX DRYING OVENS

FOR WELDING ELECTRODES AND SUBMERGED ARC WELDING FLUXES

- Reliable Ovens which work hour after hour, day after day with the same consistency.
- Temperature Control: Provided with thermostat control for precise setting of drying temperature required for various types of electrodes.
- Flawless Welds: Totally dry welding consumables yield radiographic quality welds.

#### Salient Features:

- Heavy duty drying ovens for welding electrode and submerged arc welding fluxes.
- Robust construction.
- Heavy duty metallic body.
- ADOR HANDY model portable Electrode drying oven for quick shifting from one place to the other
- User friendly.
- Uniform heating of charged materials.
- Heavy duty thermostats for accurate temperature controls throughout range.

#### TECHNICAL SPECIFICATIONS

MODEL	ADOR HANDY	ADORDRY-I	KING OVEN-II	ADORDRY-III	ADORFLUX
INPUT	230V AC	230V AC	230V AC	230V AC	415V AC
CURRENT (AMPS)	2	7.5	10	20	10
PHASE	1 PHASE	1 PHASE	1 PHASE	1 PHASE	3 PHASE
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
WATTS	0.5 KW	1.75KW	2.25KW	4.5KW	12KW
<b>OUTPUT</b>					
TEMPERATURE	50°C - 300°C	50°C - 250°C	AMBIENT + 5° C - 370° C	50°C - 500°C	50°C - 400°C
<b>GENERAL SPECIFICATIONS</b>					
CAPACITY	5 KG ELECTRODES	25 KG ELECTRODES	25 KG ELECTRODES	25 KG ELECTRODES	100 KG FLUX
(L X W X H)	EXTERNAL: 515 X 190 X 190 INTERNAL: 435 (L) X 62 (Ø)	490 X 450 X 440	490 X 450 X 440	490 X 450 X 440	750 X 600 X 600
NO. OF SHELVES	-	FIVE	FIVE	FIVE	SIX
AIR CIRCULATION		NATURAL CONVECTION	NATURAL CONVECTION	NATURAL CONVECTION	FORCED AIR
TEMPERATURE CONTROL	THERMOSTAT	THERMOSTAT	THERMOSTAT WITH ELECTRONIC CONTROLLER & DIGITAL TEMPERATURE INDICATOR		

- Warranty: Six months from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorized Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package. Corporate Marketing Office: Survey No. 147 / 2B +3, Near Akurdi Chowk, Chinchwad, Pune - 411 019. Maharashtra, INDIA. Tel.: +91 20 4070 6000, Fax: +91 20 4070 6001, Email: cmo@adorians.com



## Welding Accessories



### ADOR WELDING CURTAIN

WELDING ARC PROTECTION BY FILTRATION & REFLECTION UV RAYS

#### ADOR WELDING CURTAIN DARK GREEN



**PART NO.:** STP.07.001.0002

**Size:** 180 x 140 cm

#### ADOR WELDING CURTAIN DARK RED



**PART NO.:** STP.07.001.0001

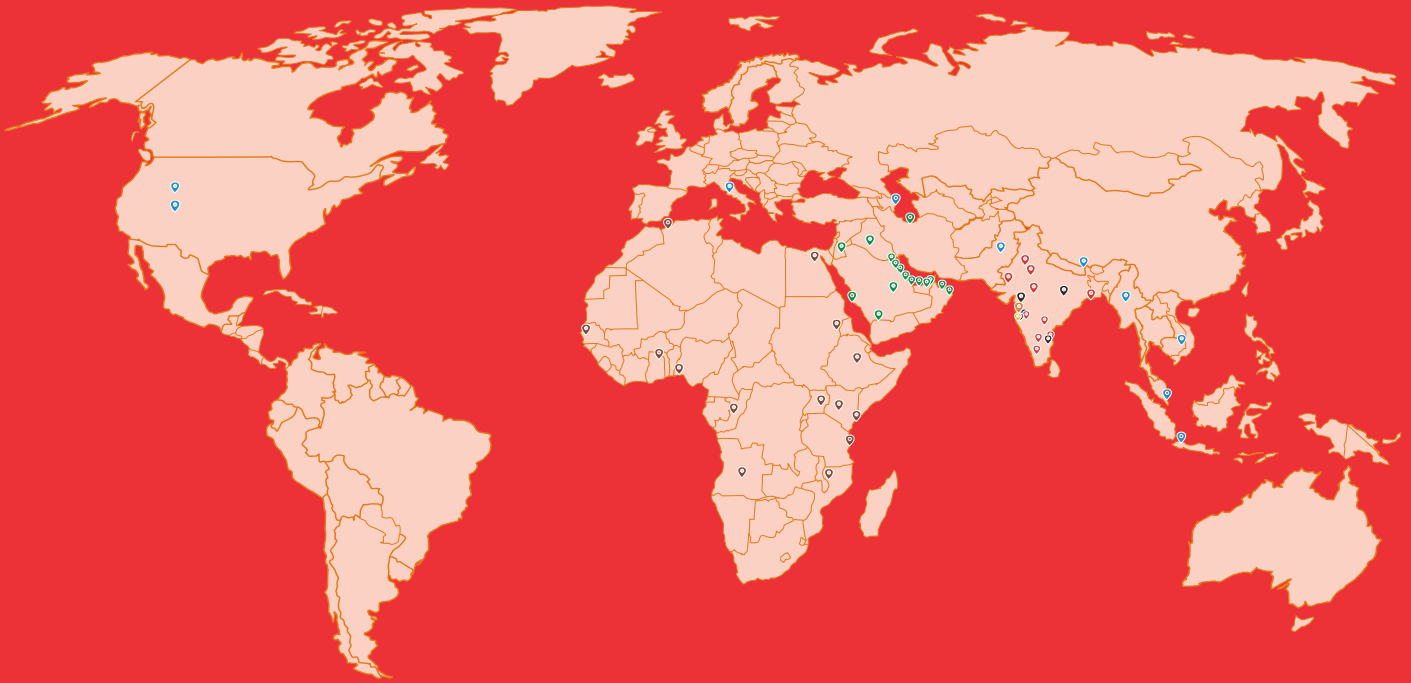
**Size:** 180 x 140 cm

- Annually certified to the European Standard for welding curtains EN-25980 (EN-1598)
- Size 180 x 140 cm
- Fully seamed all around with 5 cm wide seams
- Fit with snap fasteners on the side
- Strong eyelets in the top
- All seams, snap-fasteners and eyelets - high-frequency welded (sealed) to give maximum strength to the curtains (no stitching at all that weakens the structure of pvc)
- Including a set of steel rings for hanging the curtains on a tube with a max. diameter of 30 mm
- Protection for people around welding area from dangerous radiation by the welding arc
- Provides visibility on the inside welding area activity

**Note:** Welding curtains are not substitute to welding filters but offer an excellent visual for people outside the welding area. At the same time there is a clear view on what is going in the welding area for visibility & safety requirements. The curtains are used for protecting bystanders against the dangers of welding not to follow a welding process in detail.

There is a difference between the colors, RED curtain is more see through. For less see through Green curtain is suitable. This transparency is the main criteria for selection of welding curtain.

## Our Global Footprints



-  Head Office
-  Manufacturing Facilities
-  Corporate Marketing Office

### INDIA



- Delhi
- Jaipur
- Ahmedabad
- Indore
- Silvassa
- Mumbai
- Pune
- Bengaluru
- Coimbatore
- Chennai
- Hyderabad
- Raipur
- Kolkata

### MIDDLE EAST



- Dubai
- Sharjah
- Abu Dhabi
- Muscat
- Sohar
- Doha
- Kuwait
- Tehran
- Jordan
- Iraq
- Jubail
- Dammam
- Manama
- Riyadh
- Sanaa
- Jeddah

### AFRICA



- Nairobi
- Kampala
- Dar E salaam
- Blantyre
- Khartoum
- Algiers
- Senegal
- Ghana
- Lagos
- Cairo
- Addis Ababa
- Mombasa
- Congo
- Angola

### ASIA, EUROPE & US



- Kathmandu
- Myanmar
- Vietnam
- Singapore
- Jakarta
- Lahore
- Baku Azerbaijan
- Italy
- Salt Lake City
- Utah

Disclaimer: This map is not to the scale. It is only geographical representation. Company does not take any responsibility of the accuracy of the same.

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