



# SUNSHINE<sup>®</sup>

**Products Catalog**  
**2014-15**



[www.weldequipments.com](http://www.weldequipments.com)



# Words of Appreciation

**THE SHALIMAR WORKS (1980) LIMITED**  
(WHOLLY OWNED BY THE GOVT. OF WEST BENGAL)

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**TO WHOM IT MAY CONCERN**

This is to certify that M/s. Sunil Industrial Corporation is a supplier of our company for various welding and gas cutting items & accessories under brand "SUNSHINE". The quality of their product is also found to be good.

For The Shalimar Works(1980) Ltd.  
(G.M.- MM & SBR)

**L&T Power**  
Thermal Power Plant Construction  
Eastern Region, Park Plaza, 71 Park Street, Kolkata-700016, Tel 033 22550000, fax 033 2249905/9489

**TO WHOM IT MAY CONCERN**

This is to certify that M/s. Sunil Industrial Corporation is a registered vendor with us and been working with us for their Brand Sunshine across various projects running under our regional office.

We are using this brand in various TPPC projects.

Rgds.,  
Suvam Bhattacharjee  
Asst. Manager- Materials  
TPPC  
Eastern Regional Office

**SIMPLEX INFRASTRUCTURES LIMITED**  
REGD. OFFICE :  
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E-mail : simplexkolkata@simplexinfra.net, WEBSITE : www.simplexinfrastructures.com

AN ISO 9001 : 2008 certified company

**November 26, 2012**

**TO WHOM IT MAY CONCERN**

Certified that we have been using the Copper & Aluminum Welding Cable, ISI mark, Sunshine make conforming to IS : 9857/1990, supplied by M/s Sunil Industrial Corporation, Kolkata at our different project sites for a considerable period.

The performance of the material supplied by the above vendor has been found quite satisfactory.

(S.N. RATHI)  
SR. GENERAL MANAGER

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**Tantia CONSTRUCTIONS LIMITED**

SI. No-TCL/001 /12-13  
Date-03.04.2012

**TO WHOM IT MAY CONCERN**

This is to certify that M/s Sunil Industrial Corporation of 77, N.S. Road, Kolkata-700 001 is a reputed vendor of all kinds of Welding & safety materials. They have been supplying products of L&T, Sunshine, Udyogi, 3M and all other reputed brand since long time in our Company.

SANDEEP KUMAR GUPTA  
(Vice President Commercial)

Registered Office

AN ISO 9001 : 2008

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Creating Core Infrastructure

Our company, founded in 1976, started manufacturing with oxy-fuel Equipments for Welding, Cutting and Heating Process. Sunshine's business philosophy was founded on the commitment to growth through aggressive new product development, superior quality, reliability and service excellence.

We have designed our product to deliver added value for our customers through enhanced safety, improved efficiency and productivity, and an improved working environment. It is our prior objective to create maximum benefit for the customer.

Sunshine Product line include Oxy-Fuel equipments, Electric Welding Accessories, MIG-TIG Torches & Consumable, Industrial Safety Products.

**Oxy-fuel Welding** are processes that use fuel gases and oxygen to weld and cut metals, respectively. Oxy-fuel is one of the oldest welding processes still widely used for welding pipes and tubes, as well as repair work. In oxy-fuel welding, a welding torch is used to weld metals. Welding metal results when two pieces are heated to a temperature that produces a shared pool of molten metal. The molten pool is generally supplied with additional metal called filler. Filler material depends upon the metals to be welded.

**Shielded metal arc welding (SMAW)** is a manual arc welding process that uses a consumable electrode coated in flux to lay the weld. An electric current, in the form of either alternating current or direct current from a welding power supply, is used to form an electric arc between the electrode and the metals to be joined. As the weld is laid, the flux coating of the electrode disintegrates, giving off vapors that serve as a shielding gas and providing a layer of slag, both of which protect the weld area from atmospheric contamination.

**Gas Tungsten Arc Welding (GTAW)**, also known as tungsten inert gas (TIG) welding, is an arc welding process that uses tungsten electrode to produce the weld. The weld area is protected from atmospheric contamination by an inert shielding gas (argon) and a filler metal is used with it. This process grants the operator greater control over the weld than competing allowing for stronger, higher quality welds. GTAW is comparatively more complex and difficult to master, and furthermore, it is significantly slower than most other welding techniques.

**Gas Metal Arc Welding (GMAW)** also referred as metal inert gas (MIG) welding or metal active gas (MAG) welding, is a welding process in which an electric arc forms between a consumable wire electrode and the work piece metal(s), which heats causing them to melt, and join. Along with the wire electrode, a shielding gas feeds through the welding gun, which shields the process from contaminants in the air. GMAW is faster welding process compared to other welding processes.



## Welcome to Sunshine Group

Our Group is a leading global manufacturer and marketer of Oxy-Fuel Equipments, Stick(GMAW) Accessories, SMAW & STAW Torch and Consumables and Industrial Safety Product.

# FRESH ARRIVAL

## Sunshine Products




## Weldstoring Range



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## **WELDSTRONG**

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## Pick the right process for the metals to be welded or cut

### Welding Processes

#### Oxy-Fuel Welding & Cutting Equipments

Cuts ferrous (containing iron) steels  
Requires no electricity  
Highly portable

*Note: Oxy-Fuel equipment can also be used for welding, heating, brazing and soldering*

#### Stick (SMAW) Accessories

Well suited for windy, outdoor conditions  
More forgiving when welding on dirty or rusty metal

#### Mig (GMAW)

Easiest process to learn  
High welding speeds possible  
Provides better control on thinner metals  
Cleaner welds possible with no slag  
Same equipment can be used for Flux-Cored welding

#### Tig (STAW)

Provides highest quality and most precise weld  
Highly aesthetic weld beads  
Allows adjustment of heat input while welding  
by use of remote

#### Flux-Cored (FCAW)

Can work as well as Stick on dirty or rusty material  
Out-of-position welding  
Deep penetration for welding thick sections  
Increased metal deposition rate

**SUNSHINE**<sup>®</sup>

Group 1

Oxy Fuel Welding & Cutting Equipments





### SINGLE STAGE PRESSURE REGULATORS

In a Single Stage Regulator, the high pressure of the gas in the cylinder is reduced to the required working pressure by an adjusting screw. Each regulator is equipped with 2 meters, indicating cylinder and outlet pressure. It is manufactured from best available materials, providing steady and accurate pressure/flow control. Sunshine regulators are suitable for a wide variety of industrial and commercial application to meet your welding, cutting, heating process

### DOUBLE STAGE PRESSURE REGULATOR

Two Stage Regulators are suitable for gas cutting, welding, brazing and heating process. Two Stage Pressure Regulators minimize the changes of accident and ensure a greater life of diaphragms. Also outlet pressure is more accurate as compared to single stage because total pressure drops in two stages. In the first stage pressure is fixed and in the second stage it can be regulated by pressure key



### GAS CUTTING TORCH

Manual cutting torch is a well band type capable of cutting mild steel upto a thickness of 300 mm. Injector type cutter can be used either Acetylene gas or L.P.G. gas with a suitable nozzle. Different lengths and head angles (180°) can be made available against specific order

### GAS CUTTING NOZZLE RANGE (A & B TYPE)

Sizes	3mm	6mm (1/4")	12mm (1/2")	100mm (4")	150mm (6")	200mm (8")	250mm (10")	300mm (12")	400mm (16")
1/32	●	●							
3/64		●	●						
1/16			●	●					
5/64				●	●				
3/32					●	●			
7/64						●	●		
1/8							●	●	
5/32								●	●





### WELDING TORCH

Low Pressure Manual Welding Blow Pipe is designed for use on all light gauge sheet metal in garages and workshops. It is an injector type blow pipe which can be used either with dissolved acetylene or with low pressure generated acetylene. Tips can be changed according to job thickness.

- Gas Welding with OXY- Carbide gas/ DA Gas / Hydrogen Gas.
- Gas Welding & Heating with OXY-LPG
- Brazing with OXY-LPG / Hydrogen Gas / Coal Gas

### NON RETURN VALVE



### FLOW METER



### Co2 HEATER



### PUG CUTTING MACHINE

Gas Cutting Machine helps a Fabricator in cutting production costs and increases efficiency. It works on single phase supply and is operated by H.P. single phase motor. Power is fed through a Forward-Reverse toggle Switch. Gas Cutting Machine helps a Fabricator in cutting production costs and increases efficiency. It works on single phase supply and is operated by H.P. single phase motor. Power is fed through a Forward-Reverse toggle Switch



	Specification
Drive	Single phase motor
Speed Control	Potentiometer
Input Voltage	230 V single phase 50 HZ
Speed	200mm/min to 1000mm/min
Cutting Range	3mm to 100mm
Gas type	Oxygen & Acetylene
To be used with	Aluminum Track 1.8 meters , supplied as optional extra
Circle Cutting	Can be done with the use of circle cutting attachments, supplied as optional extra. This can be easily attached to the machines

Welders Goggle



Chipping Hammer



Earth Clamp



### Rubber Hose Pipe Mark

When Welding, Heating & Cutting operations are done with oxygen and acetylene flame, the gases are carried to the required equipment from different gas storage and cylinders with the help of rubber hose. The hose used should be light in weight and consistent with strength and durability and it must be nonporous to prevent loss of valuable gases. Sunshine hoses embody the very best in engineering. These are carefully made of laboratory tested materials for the kind of ruggedness that keep it on the job longer and save your money.

#### CAUTION

It is hazardous to interchange acetylene hose or use other types of welding hose for LPG. LPG being Liquefied Petroleum Gas has corrosive action which dissolves interior of lining & this mixture would retard flame temperature and produce inferior cut. Also in extreme cases it could lead to explosion & serious fire. A special LPG hose with synthetic lining is recommended & can be supplied on request.



Diameter(Inside)		Working Pressure (kg/cm <sup>2</sup> )	Busting Pressure	Application
mm	Inch			
6.3	1/4	14.28	57.0	Welding Cutting Heating
8.0	5/16	14.28	57.0	
10.0	3/8	14.28	57.0	

# SUNSHINE<sup>®</sup>

## Group 2

STICK (SMAW) ACCESSORIES



### Welding Cable Mark



### TECHNICAL SPECIFICATION

	Nominal Cross Section Area of Conductor	NO & Dia of wires	Nominal Thickness of covering	Current Rating Duty Cycle TRS Compound			Current Rating Duty Cycle HOFR Compound		
				30%	60%	100%	30%	60%	100%
<b>ALUMINUM</b>	(mm <sup>2</sup> )	(mm)	(mm)	30%	60%	100%	30%	60%	100%
	35	500/0.3	2.0	225	159	123	321	227	176
	50	708/0.3	2.2	283	200	155	405	287	222
	70	999/0.3	2.4	358	253	196	511	361	280
	95	1350/0.3	2.6	433	306	237	619	438	339
	120	1702/0.3	2.8	517	365	283	738	522	404

	Nominal Cross Section Area of Conductor	NO & Dia of wires	Nominal Thickness of covering	Current Rating Duty Cycle TRS Compound			Current Rating Duty Cycle HOFR Compound		
				30%	60%	100%	30%	60%	100%
<b>COPPER</b>	(mm <sup>2</sup> )	(mm)	(mm)	30%	60%	100%	30%	60%	100%
	16	510/0.2	2.0	172	121	94	246	174	135
	25	800/0.2	2.0	228	161	125	343	228	177
	35	1114/0.2	2.0	285	201	156	403	285	221
	50	708/0.3	2.2	360	254	197	509	360	279
	70	999/0.3	2.4	453	320	248	643	454	352
	95	1350/0.3	2.6	546	386	299	774	547	424

### Welding Helmet

Sunshine Welding Helmet delivers outstanding protection, comfort and performance with distinctively designs. Welders will get benefits from Sunshine Helmet which gives maximum protection to the eyes, ears, face, neck and part of the top of the head of the user during welding and cutting processes. In Sunshine head screen instead of glass, clear polycarbonate sheet is used which ensures greater visibility and longer life.

#### Features :

- Light weight
- Reliable & consistency in quality
- Total head and neck protection
- Ample room for respiration
- It is easy to use for welding and grinding having shutter type window
- Durable & longer life
- Polycarbonate sheet is provided to ensure greater visibility and longer life

Packing : Single Pc Box Packing 12 Pc Carton Packing



### Hand Screen

- Light in weight
- Poly carbonate sheet is provided to ensure better visibility
- Long in size to provide protection to neck as well
- Available in black colour

Packing : Single Pc Box Packing 24 Pc Carton Packing



### Fibre Hand Screen

- Protect the welder from harmful radiation
- Made of cotton fibre glass
- Fitted with unbreakable handle
- Cheap and best quality and used in every part of India

Packing : 60 Pc Box Packing



### ELECTRODE HOLDERS

#### MODEL : Semi Insulated SN 400



Features :  
SN-400 holder have 4 copper strip with DMC Heat proof body suitable for welding upto 3.15mm electrode

Electrode Holders are available in 10 Nos Box Packing.

#### MODEL : Semi Insulated SN 500



Features :  
SN-500 holder have 10 copper strip with DMC Heat proof body suitable for welding upto 4 mm electrode

Electrode Holders are available in 10 Nos Box Packing.

#### MODEL : Fully Insulated SN 600



Features :  
Gun metal Jaw  
Light In weight

Electrode Holders are available in 10 Nos Box Packing.



### MODEL : Fully Insulated SN 1000

Features :

- Gun Metal Jaw
- Suitable for welding upto 4mm electrode
- Light weight to reduce handling problem

Electrode Holders are available in 10 Nos Box Packing.



### MODEL : Semi Insulated SN 1000

Features :

- Gun Metal Jaw
- 10 copper strip
- Copper strip are also provided in cable fixing part which protect the holder to heaten up
- Heavy Duty Body
- Suitable for welding upto 5mm electrode
- Light weight to reduce handling problem
- Suitable for adverse welding conditions like ship building or welding in enclosed condition

Electrode Holders are available in 10 Nos Box Packing.



### MODEL : Fully Insulated SN 1200

Features :

- Gun Metal Jaw
- Heavy Duty Body
- Suitable for welding upto 5mm electrode
- Light weight to reduce handling problem
- Suitable for adverse welding conditions like ship building or welding in enclosed condition

Electrode Holders are available in 10 Nos Box Packing.



### Electrode Drying Ovens

Electrode should be kept in a dry, well ventilated store under heated condition where the humidity is below general level. The efficiency of welding electrode can be seriously injured if the coating of electrode is allowed to get damp due to atmospheric moisture. Sunshine drying oven ensure longer life of electrode and ensure that demand of customer is fulfilled.

Portable Oven



### TECHNICAL SPECIFICATION

MODELS	S-AC 5	S-DC 5
Overall Dimension	115mm X 115mm X 500mm	100mm X 100mm X 550mm
Storage Space	62 X 62 X 450	62X62 X 425
Input Supply	230/240V Single Phase AC,50 HZ	80V DC
Load (Input Power)	500 WATT	200WATT
Input Current	5 Amps (Approx)	2 Amps (Approx)
Temperature	50°C to 300°C	50°C to 150°C
Air Circulation	Natural Convection	Natural Convection
Electrode Capacity	5 Kg(Approx)	5 Kg(Approx)

Mini Cabinet



Chamber Oven



### TECHNICAL SPECIFICATION

MODELS	MINI AC	S-TH 25	S-DI 25 (Digitally Controlled )
Overall Dimension	300mm X 250mm X 500mm	450mm X 550mm X 600mm	450mm X 550mm X 600mm
Storage Space	175 X 175 X 475	300 X 300 X 480	300 X 300 X 480
Input Supply	230/240V Single Phase AC,50 HZ	230/240V Single Phase AC,50 HZ	230/240V Single Phase AC,50 HZ
Load (Input Power)	1 KV	1.5 K.V.	1.5 K.V.
Input Current	7.5 Amps (Approx)	15 Amps (Approx)	15 Amps (Approx)
Temperature	50°C to 300°C	50°C to 300°C	50°C to 400°C
Air Circulation	Natural Convection	Natural Convection	Natural Convection
Electrode Capacity	10 Kg	25 Kg	25 Kg
Type Of Control	Thermostatic	Thermostatic	Digital
No. of Shelves	2	5	5

### Silicon Spray

#### Silicon Spray

Anti-spatter to much cap agents are used to prevent adhesion of unwanted spatter, to the torch or substrate, generated in welding process, especially in CO2, TIG and MIG welding. These agents are helpful in reducing the unnecessary labour costs involved in removal of spatter and improving the finish of the welded article. Available in SUNSHINE & heavy duty WELDSTRONG brand



#### Anti Spatter Gel

SUNSHINE anti spatter gel provides excellent protection against weld spatter build-up on MIG gun nozzles, tips, positioners, cutting and scarfing tips, stud welding chucks, spot welding tips, electrode holders on all semi and automatic welding apparatus, jigs and fixtures.



# SUNSHINE<sup>®</sup>

## Group 3

Mig (GMAW) & Tig (STAW) Torches Consumable



### Tig Welding Torch



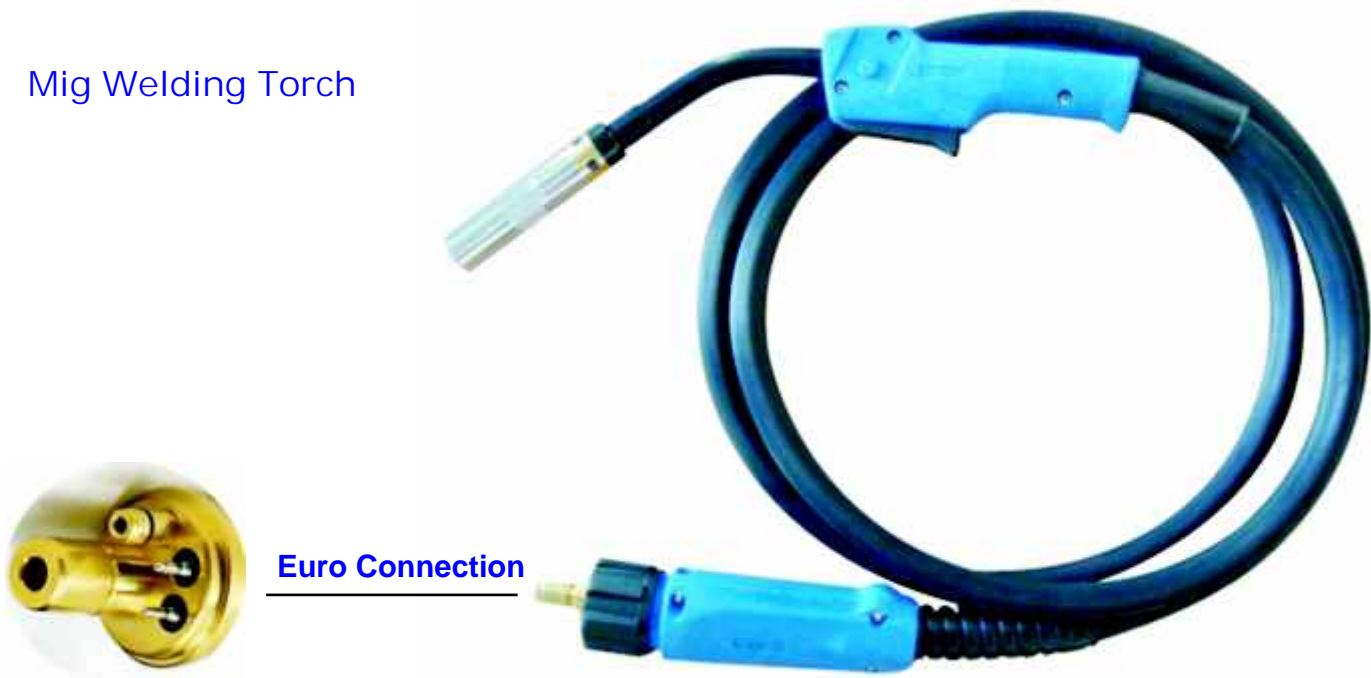
- Model -GC 200 ( WITH ISI CABLE )
- Cable: 25 sq mm HOFR 4mtr Sunshine
  - Type of Cooling: Air Cooled
  - Durable
  - Competitive price and high quality
  - Packing : One piece in one inner box, and then packed in the standard packing

- Model -26V (Switch Grip)
- Type of Cooling: Air Cooled
  - Rating: 200 Amp
  - Duty Cycle: 35%
  - Tungsten Electrode: 1.00 - 4.00 mm
  - Application : For Tig Welding with Argon Gas

- Model -GC 300 ( WITH ISI CABLE )
- Cable: 35 sq mm HOFR 4mtr Sunshine
  - Type of Cooling: Air Cooled
  - Durable
  - Competitive price and high quality
  - Packing : One piece in one inner box, and then packed in the standard packing

- Model -18V (Switch Grip)
- Type of Cooling: Water Cooled
  - Rating: 400 Amp
  - Application : For Tig Welding

### Mig Welding Torch



Sunshine Mig Mag Torch series is finest solution of its kind. It comprises quality with optimum ergonomics enabling trouble-free operation for every application. All torches are carefully designed to provide comfortable and precise operation.

- It is provided with light and flexible sunshine cable assembly which makes low fatigue
- Robust construction for durability and extends torch life
- Optimum torch cooling – high endurance
- Best quality handle is provided with the torch

Mig Torch Models are as under  
24 KD With 3mtr Sunshine Cable  
25 AK with 3mtr Sunshine Cable  
36 KD with 3mtr Sunshine Cable  
40 KD with 3mtr Sunshine Cable

### STAINLESS STEEL MIG & TIG WIRE

Grade	CLASSIFICATION	APPLICATION
304L		
ER 308L	AWS A 5.9 ER 308L	It is used for welding AISI, ASTM 308, 304, A 5.9 304L type Stainless Steel plate, Sheets, Pipes, Tubes etc.
ER 309L	AWS A 5.9 ER 309L	Suitable for welding of dissimilar steel combination such as AISI 304 to carbon manganese steel and carbon steel used in fabrication barrier layer prior to surfacing & clad reperation specially used for root run.
316L	AWS A 5.9 ER 316L	It is used for welding of AISI 316 , ASME 316L type of plate sheet, pipes tubes used in fabricating equipments for chemical, pharmaceutical, Dairy & fertilizer, Industries, Oil Refineries, Specially used for root run .
ER 347 AWS	A 5.9 ER 347	This austenitic stainless steel wire is used for welding AISI steels 321 and 347. It is used on 18/8 steels stabilized with titanium in the manufacture of equipments for chemical, food and aircraft industries
ER 430		
ER 310		
ER 309 LMO		
ER 312	AWS -SFA A 5.9 ER 312	It is suitable for welding Automobile spring, trunnions of cement mill & other allied components, parts subject to corrosion & impact. Joining & Surfacing of High Carbon, low & high alloy steel, tool steel, spring steel, manganese steel, case harding steel, high speed steel, cost steel etc.

Wire	Packing	Sizes (mm)	Quantity
Mig	Plastic Spool	0.8, 1.2	12.5kg
Tig	Plastic Pkt.	1.6,2,2.4, 3.15	5kg



### ALUMINIUM MIG & TIG FILLER WIRE

Grade	Classification	Application
G1B (Pure 99.97%)	AWS A 5.10 1050	Welding of aluminium & aluminium constructions
NG21 (Silicon 5%)	AWS A 5.10 4043	Welding of AL-SI alloy with SI content upto 6%
NG2 (Silicon 10%)	AWS A 5.10 4047	High fluidity material for brazing with good finish & strong joints
NG6 (Magnesium 5%)	AWS A 5.10 5356	Welding of AL-MG alloys for container, automobile industries & ship building.

Tig are available in 10kg packing

### MILD STEEL TIG WELDING WIRE

Grade	Classification	Application
ER 70SG	AWS A 5.18 ER 70SG	Welding of Mild Steel. Root Pass Welding of Grade Pipe
ER 70S2	AWS A 5.18 ER 70S2	Welding of fine grained carbon-manganese steel-root runs in pipes Power and Process Industry Related Piping

### LOW ALLOY STEEL TIG WELDING RODS

Grade	Classification	Application
80 SB2	AWS A5.28 80B2	Recommended for welding of pipes and tubes of matching composition in Power Plants, Refineries, Fertilizer Plants, Chemical and Petroleum Plants.
90 SB3	AWS A5.28 90SB3	Recommended for welding of pipes and tubes of matching composition in Power Plants, Refineries, Fertilizer Plants, Chemical and Petroleum Plants.
80SD2	AWS A5.28 80D2	Welding of carbon ½ mo Steel
90SB9	AWS A5.28 90SB9	Power plant, elevated temperature piping, oil refineries

Wire	Packing	Sizes (mm)	Quantity
Mig	Plastic Spool	0.8, 1.2, 1.6	7 kg Approx
Tig	Corrugated Box	1.6, 2, 2.4, 3.15	5 kg

### MILD STEEL FLUX CORED WIRE

Product Name	CLASSIFICATION	APPLICATION
FCW E 71 T-1	E 71 T-1	Suitable for joining steel conforming to ASTM SA-36 / SA-36M and A, B, C, D grades of SA-283 / SA-283M & SA-414M
FCW E 71 T-5	E 71 T-5	Suitable for joining steel conforming to ASTM SA-525-70 and C grades of SA-285. Construction of bridges, Pressure vessel & offshore structure

### STAINLESS STEEL FLUX CORED WIRE

Product Name	CLASSIFICATION	APPLICATION
FCW 308L T1	AWS A 5.22 E 308L T1-1	Welding of 18/8 Stainless Steel General fabrication including piping, tanks, and pressure vessels
FCW 309L T-1	AWS A5.22 E 309LT1-1	Welding dissimilar metals such as stainless steel and carbon steel or stainless steel and low alloy steel.
FCW 316L T-1	AWS A5.22 E 316LT1-1	Welding of 18% Cr, 12% Ni & 2.50% Mo steel also use for welding of AISE 316L & 317L type of stainless steel in chemical plant, paint, pulp paper & textile industries,CF-8M,CF-3M Applications requiring good resistance to pitting and general corrosion
FCW 347T-1	AWS A5.22 E347T1 - 1	It is used for welding type 321, 347 & 348 stainless steel for joining & cladding application on Niobium and Titanium stabilized stainless steel
FCW 309LMo T1	AWS A / SFA 5.22 E309LMoT1-1	Welding dissimilar joint such as high strength mild steel, low alloy quenched & tempered steel stainless steel. Ferrite Cr. & Austenitic - Cr/Ni steel. Cladding for first layer of corrosion resistant weld cladding on ferrite steels.

Wire	Packing	Sizes (mm)	Quantity
Mig	Plastic Spool	1.2, 1.6	12.5kg

# SUNSHINE<sup>®</sup>

## Group 4

Industrial Safety Products



### Leather safety Shoe With PU Sole



Sunshine Safety Shoe is light in weight and provide maximum protection against the major and minor injuries. High grade raw material are used which provide high strength to the finished structure.

#### Feature

Model	-	<b>Sunshine PU</b>
Upper	-	Buff Leather in Barton Print
Toe Cap	-	Steel Toe Cap
Inner Lining	-	Spacer Lining
Temperature Resistance	-	Max 120°C for 1 minute exposure
		Sole Type - PU sole
Safety Features	-	<ul style="list-style-type: none"><li>• impact resistance</li><li>• electrical shock resistance</li><li>• oil, acid and alkali resistant sole</li><li>• temperature resistance 120 deg cent</li><li>• slip resistance</li></ul>
Sizes Available	-	5-11

### Safety Shoe With PVC Sole



#### Feature

Light in weight.

Anti slip.

Orange lining.

Pvc Sole.

Single piece box packing and 24 pieces cartoon packing.



Model	- Bulwark Comfort
Upper	- Leather - Buff Suede Leather
Fabric	- Cordura
Toe Cap	- ISI Steel Toe Cap
Inner Lining	- Spacer Mesh Lining
Sock	- PU Molded Sock for better comfort
Temperature Resistance	- Max 120 deg cent for 1 minute exposure
Sole Type	- Single density PU sole
Safety Features	- <ul style="list-style-type: none"><li>• impact resistance</li><li>• electrical shock resistance</li><li>• oil, acid and alkali resistance sole</li><li>• temperature resistance 120 deg cent</li><li>• slip resistance</li></ul>
Sizes Available	- 5-11



### Safety Belt

The finest quality natural and synthetic fibers used in the manufacturing of the Industrial Safety Belts ensures notable features like high durability, strength and resistance to adverse conditions. The Construction Safety Belts are also available as in varied sizes and dimension as per the specifications of the clients and requirements of the applications. Moreover, the Industrial Safety Belts offered by us are designed for work at construction sites, for fire department and wherever mobility is required. Our Industrial Safety Belts comply to industry's varied quality standards.

- Safety Belt is available in following Models
- Full body Double Rope with Scaffold Hook
- Half body Half Rope with Scaffold Hook
- Full body Double Rope with Auto Strip lock Hook
- Half body Single Rope with Auto Strip lock Hook
- Full body Double Rope with Normal Hook
- Half body Single Rope with Normal Hook



### Safety Helmet

Product Description

Name: Helmet Model: ISI approved .

Model: Nap/ Industrial.

### Leather Hand Glove 14"

Our premium array of white & coloured leather gloves is widely popular amongst the customers. Made using high quality leather, these gloves are exceedingly safe to use and provides high protection to the hands.

### Leather Apron

We are well reckoned manufacturers and suppliers of Leather Apron for industrial purposes. These are made using heavy quality split leather. Standard sizes of Leather Apron is 24 x 36. These leather Apron prevent heat.



### Leather Hand Sleeves & Leg Guard

Using excellent quality leather, we manufacture a wide array of Leather Hand Sleeves and Leg Guard. The raw materials are procured from the trusted vendors. These sleeves are mainly worn by laborers for safety. Our product is available in various sizes and colors.

### Safety Jackets

Our Reflective Jackets are light-weight, wind and moisture resistant and have good breath ability. We use high quality technical fabrics for utmost comfort and protection. Our range is widely appreciated for its quality, light weight, perfect stitching and comfortable to wear. We offer this product range at reasonable prices and also customize in various varieties as per the clients demands. Our offer range is available in various sizes, and models.



# Weldstrong<sup>TM</sup>

Premium Range Products





### Pressure Regulator MARK



Accurate Control  
Provide accurate gas flow

High Operator Safety  
Safety relief valve provided

Strong, Durable & Safe  
Forged brass body

Inlet Filter  
Prevents dust from entering the regulator

#### Single & Double Stage Regulator

Weldstrong Single Stage Regulator, the high pressure of the gas in the cylinder is reduced to the required working pressure by a T-bolt and provided with outlet and inlet pressure gauge.

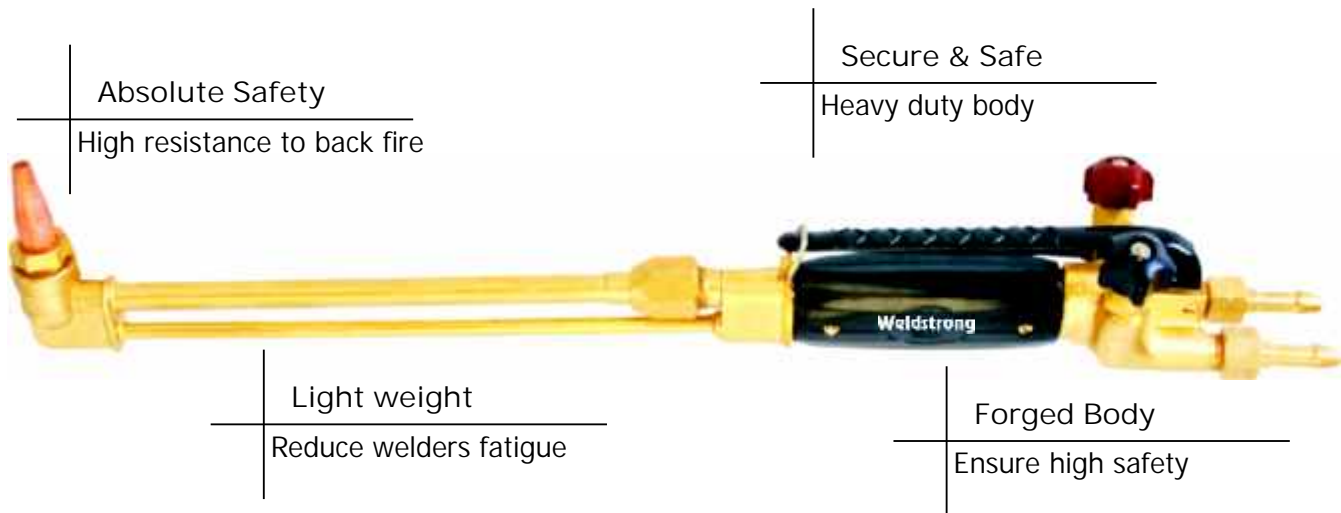
Body: Forged Brass body tested at pressure two times of cylinder pressure to prevent bursting. It stands the most rugged condition absorbs and dissipates quickly the heat caused by the fast opening of the cylinder valve

Valve & Valve Seat: S.S valve pin and fire retardant valve material ensure guarantee accuracy of pressure & constant gas flow

Inlet Filter : Dust proof sintered filter prevent foreign matter entering into regulator reduce velocity of gas, prevent fire

Available for:-  
O<sub>2</sub> , Acetylene, Argon, Co<sub>2</sub>, Nitrogen, Hydrogen

### GAS CUTTING TORCH MARK



#### Feature

- Cutter body and head are of forged brass.
- Eliminate casting porosity and ensure total safety and gas economy.
- Gas flow geometry designed to prevent blow backs.
- Laminar gas flow for quality cutting and gas saving.

#### CUTTING NOZZLE

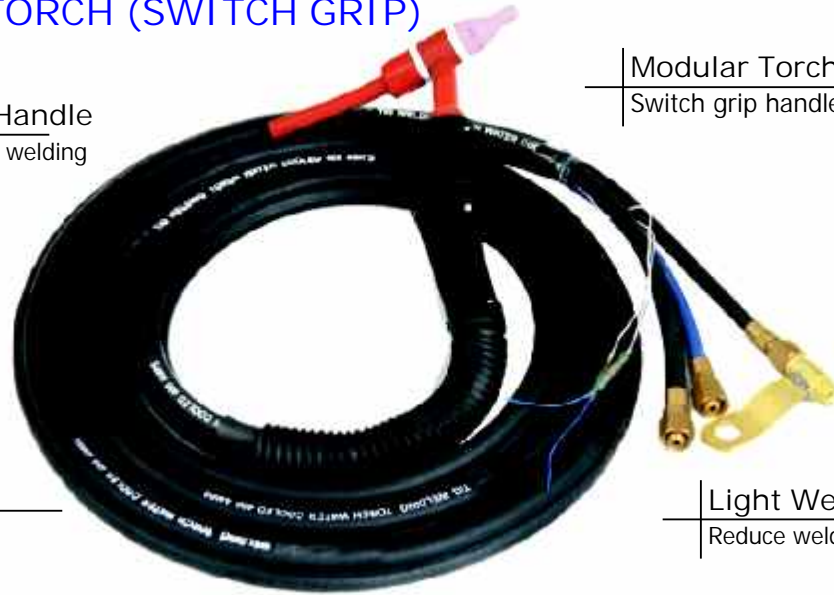
The nozzle is the "Business End" of Gas Cutting. Using low quality or low quality or damaged nozzles can be compared to cutting cloth with blunt scissors. Magnificent, expensive cutting machines cannot perform if poor quality cutting nozzles are used.

Weldstrong strives continually to improve nozzle quality to increase efficiency, to lengthen working life, to affect gas cost savings and increase cutting speed etc.

### TIG WELDING TORCH (SWITCH GRIP)

360° Positionable Handle  
Suited for out of position welding

Modular Torch Design  
Switch grip handle provided



Optimum Cooling  
Extend torch life

Light Weight HOFR Rubber  
Reduce welders fatigue

Weldstrong switch Grip torches-the complete solution in the field of Tig Welding Torches. This torches are available in both air and water cooled and are fitted with a uniform ergonomic handle and optimised cable assembly management into which numerous switch and control function can be integrated all consumable are compatible to international standard

#### Gas Cooled Torch

- GC-200 (with 4 mtr. coaxial cable)
- GC-200 (with 8 mtr. coaxial cable)
- GC-300 (with 4 mtr. coaxial cable)
- GC-300 (with 8 mtr. coaxial cable)

#### Water Cooled Torch

- WC-400 (with 4 mtr. coaxial cable)
- WC-400 (with 8 mtr. coaxial cable)
- WC-600 (with 4 mtr. coaxial cable)
- WC-600 (with 8 mtr. coaxial cable)

# Weldstrong™

INDUSTRIAL SAFETY PRODUCTS

## Leather Safety Shoe With PU Sole MARK (low Ankle)

Sponge Low Ankle  
Proved wearing comfort



Crome leather  
Leads longer life of upper

Oil Resistance PU Sole  
Polyurethane soft sole provided

### Feature

Upper –Top Quality Buff Leather

Steel toe – ISI Mark High Carbon, Anodized rust resistant Steel Toe

Sole- Direct Injection Polyurethane(P.U) sole

Linning-Grey Linning

Lace: Black & Grey Nylon laces

Excellent sole which provide protection frm slip or wet work surfaces

Slip Resistance on steel floor with glycerol

Steel Eyelets provided for anti rust and durability

In Sole non woven storable cloth, flexible and better quality for water absorption and reabsorption

Optional: Antistatic sole can be provided on request.



## Leather Hand Glove Weldstrong

Heavy Duty Weldstrong Leather Hand Glove available in two colours : Yellow and White. It is made up of best quality leather which leads to longer life

### Mig Machine



GMAW is also known as MIG or CO2 welding process. It was introduced in 1948. In the beginning it was used to weld aluminum (Al) using Argon (Ar) gas for shielding as a result the process was known as MIG which stands for Metal Inert Gas weldstrong™. The later introduction of CO2 to shielding gas resulted in re-naming as CO2. MIG/CO2 machine is available to perform most of the wire-feed process semi-automatically. It is extremely fast and economical.

The machine under this process is easily used for welding on thin gauge metal to heavy plates.

High welding rate.

Negligible post-weld clean-up.

Welding cost is very economical.

MIG/CO2 welding machines have a 100% duty cycle. This allows the machine to be run continuously without damage. The flat type power source together with a continuous electrode fed at a constant wire-feed speed form essentially a self-regulating arc. The arc length and weld current are interrelated in such a way as to correct sudden changes.

### Wire Fiddler



Applications

Construction

Maintenance

Fabrication

Process Capability

MIG/MAG Operation

Short Circuit

Spray Transfer

SS/MS/AL Welding

Features

Solid State control of reliability

Inch-purge control of W/F

2-Roll drive increases productivity

CRGO Core is used for low input current

Choke is used for better DC output

Servo Motor is used for longer life, better performance, less maintenance

for W/F BINZEL Torches is used for less wear & tear of consumable

Detachable W/F



### Tig Welding Machine

Applications  
Construction  
Maintenance & Repair Operation  
Fabrication  
Pipeline Work

Process Capability  
Electrode Welding  
TIG Welding for MS/SS/AL/CU


Features:  
Step Less Current Control  
Lowest Minimum Output Current  
60% Duty Cycle  
Low Input Current Consumption  
Optional Remote Control available  
Rough & Tough Machine Suitable for Site Work  
Designed & engineered for easy use & maintenance  
Very Low Maintenance Cost  
Mobility is easy  
X-Ray Quality of welding can be achieved



### Welding Rectifier

Application  
Construction  
Maintenance & Repair Operation  
Fabrication  
Pipeline Work  
Process Capability  
Electrode Welding  
TIG Welding for MS/SS/AL/CU  
Grouping

Features  
Step Less Current Control  
Lowest Minimum Output Current  
60% Duty Cycle  
Low Input Current Consumption  
Optional Remote Control available  
Rough & Tough Machine Suitable for site work  
Designed & engineered for easy use & maintenance  
Very Low Maintenance Cost  
Mobility is easy  
X-Ray Quality of welding can be achieved



**You:** the creator,  
the repairer, the builder—  
the welder.

Our group is here for you with quality,  
innovative products that save time,  
build businesses, and inspire  
creativity.

SUNSHINE® is here for you from the  
moment you put on the gloves to  
the moment you take them off—  
and beyond. Because you share our  
passion for meeting challenges  
head-on, finding the best solutions,  
and staying true to the belief that  
if a job's worth doing, it's worth  
doing right.

We hope that we may continue to rely on  
your warm support & guidance in order to  
serve you better.

## **Sunshine Weld Tech Pvt. Ltd.**

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