

**memco**  
POWER TOOLS PVT LTD

## Gas Cutting

## Portable Electrode Drying Oven



## WELDING AUTOMATION PRODUCTS AND SYSTEMS

*This brochure gives you the standard range of welding, systems and welding aids. We have all these (products) on our present manufacturing programme. Through close interaction with customers and many others from the welding industry, we have been able to evolve and stabilize them over a period of time. The machines cover a wide range of welding processes and applications in production and maintenance welding.*

*They are rugged & well built, cost competitive, energy-efficient and working capable on all shop floors at all sites even environmentally hostile. The high points include certification from reputed approval agencies, end- user testimonials. Quality of International standard proved by exports to reputed customers with repeat orders and backed up by round the clock pre and post sales service with genuine spares. Memco is accredited with ISO 9001 :2000. These machines enjoy the status of welding industry benchmark.*

*If your requirements fall outside this standard range, then our application and design experts will innovate and develop a system which meets your requirements and also compatible with numerous welding power sources and systems in India. Semi or automatic welding support systems can be designed depending upon the dimensions of the applications. It is our sole responsibility to ensure quality weld deposit.*

*Happy Welding*

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#### Portable Electrode Drying Ovens

##### Portable Electrode Drying / Baking Ovens

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##### Stationery Electrode Drying / Baking Ovens

##### Flux Electrode Drying Ovens

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##### Stationery(Mother) Electrode Drying / Flux Baking Ovens

Capacity 100 Kgs

#### Accessoris



**M. ISMAIL**

1944 - 2003

*A prominent personality of the welding fraternity whom all of us held in high esteem and we now miss!*

*His contributions made MEMCO what it is today. He set up the company in the year 1977. Over a period of time he could establish this outfit as the largest manufacture of the widest range of welding power sources, systems and accessories in the country.*

*His variegated experience got enriched with exposure to construction site engineering experts and major fabrication centers here and abroad. This background helped Ismail to build a formidable beachhead to take on the Indian market. Thus MEMCO became first in introducing robust and energy efficient equipment and automation products.*

*He lived by the sprit of innovation. In fact improvements in many of the standard equipment development of new one sand processes for novel applications were all the results of his drive to look into new possibilities. He knew innovation was not always without risks, but believed that it was more risky not to innovate at all. Briefly innovation was his forte and his best investment.*

*When it was a question of quality he and his people were in their element. He believed pledges had to be made at the top and that they needed to percolate down the line. Ismail created a culture where quality was in-built and not just a process of passing of rejecting at the end of the production line. Small wonder then quality continues to be a way of life at MEMCO. The company has been ISO 9000: 2000 for quality standards.*

*Customer relations were another area where he gave a lot of emphasis. He would run that extra mile to maximise customer satisfaction. To cite a typical situation where a large number of welding machines were submerged in floods at a site he got them restored to working conditions even though the customer was willing to buy a newset of machines from him. In another case, he gave a foolproof solution for an erection job at a nuclear power plant faced with a crisis situation, even though it was outs side the purview of welding technology.*

*Ismail never took competition seriously as he could always craft machines at lower cost without compromising on performance standards. He took vendors as partners and employees as his family members. He never believed in hierarchy, instead operated on a networking basis. As President of the Bombay Chapter of Indian Institute of Welding, he played a vital role in bringing about cohesion and advancement of welding technology. His compassion for the deserving disabled and retirees were well known in business circles.*

*Assuming the mantle his son H. Rehman believes in perpetuating the work culture and operating philosophy Ismail had consolidated over the years and foresees a bright future for MEMCO on a global level before long.*

*Ismail's contribution to the welding industry is too large to be confined to an introductory message of a brochure, because it surpasses all our attempts to assess the true significance of his lifelong work.*

## Heavy Duty Portable Flame Cutting Machine

Model KUT 100 / 200

### Benefits

- Straight line or circular cuts upto 100/200 mm thickness.
- Bevel cuts upto 45°.
- Dynamically balanced armature for ultra smooth drive.
- Counter balancing with larger torch increases machine distance, enables ease of operation.
- Can cut circles upto 1200 mm diameters.
- Precise control and proven performance.



### Features

- Body** : The body of the carriage units of thick gauge pressed steel, and is painted by a special treatment. It is fitted with precision and durable components for trouble free service.
- Drive** : The drive consist of a high performance universal type 1 / 20 HP, AC/DC motor for 220/240 volts, 50Hz of electric supply. The motor is mounted with a Reduction gear box. it has a facility of forward and reverse operation. The motor is dynamical balanced.
- Control** : The speed can be varied from 85 mm - 850 mm / min.
- Torch** : Specially designed for small body type cutting torch. It works on oxygen and acetylene / LPG with appropriate nozzles.
- Torch Holder Assembly** : This enable vertical and horizontal movement of the torch. Adjustment for bevel cutting from 0 to 45° can be made easily. The system is simple and convenient. The adjustments can also be made while the machine is in motion.
- Straight Line Cutting** : The machine runs on standard aluminum rail track of 1.8 meters length which does not require any special rail.
- Circle Cutting Attachment** : It consist of a round bar, and weight block with a centre. It can be fixed from either side of the machine. For circle cutting the swivel wheel are provided. The machine can cut circles from 75mm to 1200mm diameter.
- Rail Track** : The machine runs on an extruded aluminum track of 1.8 meters length.

### Standard Accessories

- |                            |         |
|----------------------------|---------|
| Cutting torch with holder  | - 1 Set |
| 1.8 Meter aluminum track   | - 1 No  |
| Circle cutting accessories | - 1 Set |
| Set of spanners            | - 2 Nos |
| Set of nozzles             | - 2 Nos |
| Set of nipples             | - 2 Nos |
| Nozzle cleaner             | - 1 Set |
| Bottle fuses               | - 2 Nos |

### Specifications

- |                   |  |
|-------------------|--|
| Cutting Capacity  | - 5 mm to 100/200 mm.                      |
| Bevel cuts        | - 0° to 45°.                               |
| Straight cuts     | - 1.8 meters and multiples.                |
| Circle cutting    | - 75 mm dia to 1200 mm dia.                |
| Cutting speed     | - 85 mm - 850 mm / min (variable)          |
| Torch adjustment  | - Vertical – 70 mm,<br>Horizontal – 85 mm. |
| Voltage           | - 220 / 240 Volts, AC / DC, 50 Hz.         |
| Maximum current   | - 0.35 Amps.                               |
| Fuse              | - Bottle type – 500 mA.                    |
| Dimension (LWH)   | - 400 mm x 240 mm x 180 mm.                |
| Weight            | - 7.5 Kgs.                                 |
| Weight with torch | - 9.1 Kgs.                                 |
| Hose connections  | - ¼" G (Fuel Gas LH & Oxygen RH).          |

### Optional Items

- |  |             |
|--|-------------|
| 1S2g Oxygen pressure regulator             | - 1 No      |
| 1S2g Acetylene pressure regulator          | - 1 No      |
| Red hose pipe for fuel                     | - 10 Meters |
| Blue hose pipe for Oxygen                  | - 10 Meters |
| Hose clips to suit hose pipes              | - 8 Nos     |
| Gas lighter                                | - 1 No      |
| Cylinder key                               | - 1 No      |
| Cylinder spanner set                       | - 1 No      |
| Hand gloves                                | - 1 Pair    |
| Goggles                                    | - 1 Set     |
| Flash back arrester for torch              | - 1 Set     |
| Flash back arrester for Oxygen regulator   | - 1 No      |
| Flash back arrester for fuel gas regulator | - 1 No      |
| Circle cutting accessories                 | - 1 Set     |

## Heavy Duty Portable Flame Cutting Machine Model KUT P

### Benefits

- For gas cutting upto 300 mm plate thickness.
- Dynamically balanced armature for ultra smooth drive.
- Long slide arm for horizontal torch movement.
- For straight line or circular cuts.
- Four wheel stable trolley system.
- Bevel cuts upto 45°.
- Heavy duty injector type cutting torch.
- With circle cutting attachment.
- 2 Mtrs long M. S. solid rail or multiples.
- Precise control and proven performance.
- Dual speed.



### Features

**KUT P** is a Heavy Duty Cutting Machine designed for the cutting range 50 mm to 300 mm thickness of steel.

The Machine consist of:

Portable heavy duty motorised tractor **KUT P** running on a standard rail of size 2000 mm in length.

Heavy injector mixing machine cutter type **KUT P** fitted on the tractor with a suitable cutter holder and with a Slide for easy vertical and horizontal movement of the cutter.

**KUT P** is a portable heavy duty motorised tractor designed for straight line operations. It is a prime mover for equipment used in cutting, welding, flame treating and plate – edge preparations.

**KUT P** has mild steel body, suitably reinforced. This gives high strength and rigidity without excessive weight. It can carry and propel accessories weighing as much as 50 Kg.

In built with 230 volt A.C. reversible motor, reduction gear box, drives the **KUT P**. The drive axle is mounted on bush bearings to reduce friction and wear.

All operating controls are located close together at one end of the **KUT P**. The three position (Forward-Off-Reverse) motor switch with speed control knob set against speed indication dial.

**KUT P** having dual speed at slow range. The speed varies from 70 mm - 940 mm/min and at faster range it varies from 980 mm - 1770 mm / min.

All drive wheels are well designed for perfect positive grip. The wheels on all the side including the driving wheel are well designed for operations on standard MS solid rail.

### Standard Accessories

Vertical slide	-	1 No
2 Meters MS rail	-	1 No
Circle cutting accessories	-	1 Set
Weight balancing accessories	-	1 Set

### Specifications

Cutting capacity	-	50 mm to 300 mm.
Bevel cuts	-	0° to 45°.
Straight cuts	-	2 meters and multiples.
Circle cutting	-	200 mm dia to 1200 mm dia.
Dual cutting Speed	-	Slow : 70 mm - 940 mm/min (variable).
	-	Fast : 980 mm - 1770 mm/min (variable).
Fuel gas	-	LPG / Propane.
Voltage	-	220 / 240 Volts, AC / DC, 50 Hz.
Maximum current	-	0.35 Amp.
Fuse	-	Bottle type – 500 mA.
Dimension (LWH)	-	410 mm x 285 mm x 215 mm.
Net weight w/o rail	-	14.5 Kgs.
Hose connections	-	3/8" G (Fuel Gas LH & Oxygen RH).

### Optional Items

1S2g Oxygen pressure regulator	-	1 No
1S2g Acetylene pressure regulator	-	1 No
Red hose pipe for fuel	-	10 Meters
Blue hose pipe for Oxygen	-	10 Meters
Hose clips to suit hose pipes	-	8 Nos
Gas lighter	-	1 No
Cylinder key	-	1 No
Cylinder spanner set	-	1 No
Hand gloves	-	1 Pair
Goggles	-	1 No.
Flash back arrester for torch	-	1 Set
Flash back arrester for Oxygen regulator	-	1 No
Flash back arrester for fuel gas regulator	-	1 No

## Heavy Duty Shape Cutting Machine

QUALIS 1300 / 2000

### Benefits

- For more accurate, faster and consistent better quality cuts.
- Used with Oxy-Acetylene or Plasma Cutting.
- Rugged machine, heavy duty pillar type with mountable foundation.
- Cuts upto 200 mm plate thickness with Oxy fuel.
- Cuts any shape from 15 mm dia to 1300/2000 mm dia.
- Electromagnetic or permanent magnet tracing head.
- Strong and Solid construction for longer life.



### Features

**QUALIS 1300 / 2000** is a heavy duty, mountable foundation, **pillar type** robust shape cutting machine. It can be used for multiple duplication jobs, particularly in large production unting shift production application.

**QUALIS 1300 / 2000** is designed with a pantograph type arms, which keeps the hinge points of all the arms parallel to the line of the tracing roller and torch. Thus providing a direct line guiding system.

This is simplest and one of the **most accurate** magnetic tracing system, which helps in maintaining repeatability of the flame cut parts.

The precision multiple ball bearing design of hinges ensure free and **frictionless tracing**, hence enabling greater cutting accuracy upto 1mm.

**QUALIS 1300 / 2000** is primarily meant for cutting various shapes such as stars, hexagons, squares, rectangles, circles, triangles etc. It can also cut straight lines upto 2300 mm length and plates upto **200 mm** thickness.

The basic system of machine enables the torch to **duplicate any intricate shape** provided on a template on the machine. The carriage arm consists of a motor driven **Electro Magnetic Tracing Head**, the cutting torch travels round the template duplicating the exact shape of the template.

The speed of the machine can be varied with an indexed selector knob. The tracing head can be moved in **clockwise or anti clockwise** direction by a selector switch.

The use of **QUALIS 1300 / 2000** are almost unlimited because of the accuracy and ease with which metal templates can be made easily and repeatedly of shapes obtained.

### Standard Accessories

Machine torch	-	1 No.
Torch holder assembly	-	1 Set.
Set of spanners	-	1 Set.
Set of nozzles	-	2 Nos.
Set of non return Valves	-	2 Nos.
Set of nozzle cleaner	-	1 Set.
Set of fuses	-	6 Nos.
Instruction manual	-	1 No.
Set of tracing rollers	-	2 Nos.

### Specifications

Cutting Area	-	Any shape upto 1250 mm dia.
Max. straight cut	-	2000 / 2600 mm in length.
Cutting speed	-	60 mm - 700 mm/min.
Power supply	-	220/240 Volts AC. 50 Hz.
Motor	-	1/20HP. AC/DC.
Speed control	-	Variable by potentiometer knob.
Maximum current	-	1 Amp.
Fuse	-	Bottle type 1 Amp.
Tracer movement	-	Clockwise / Stop / Anticlockwise.
Torch	-	Injector type NM / Victor.
Torch holder	-	Rack and Pinion (Vertical).
Hose connection	-	3/8" G (Fuel gas LH & Oxygen RH).
Dimension (LWH)	-	1270 mm x 1320 mm x 1830 mm
Gross weight	-	325 Kgs. approx

### Optional Items

1S2g Oxygen pressure regulator	-	1 no.
1S2g Acetylene pressure regulator	-	1 no.
Red hose pipe for fuel	-	10 Mtrs.
Blue hose pipe for Oxygen	-	10 Mtrs.
Hose clips to suit hose pipes	-	8 nos.
Gas lighter	-	1 no.
Cylinder key	-	1 no.
Cylinder spanner	-	1 Set
Hand gloves	-	1 pair
Goggles	-	1 no.

## Heavy Duty Shape Cutting Machine

## KUT - QUALIS

### Benefits

- Right handed, light weight and Portable.
- Cuts circles from 30 mm dia to 2000 mm dia.
- Used to cut shapes like flanges.
- Cuts straight line upto 2000 mm length or cuts any shape within 2000 mm dia area.
- Cuts from 5 mm - 150 mm thick plates.
- Can be rail mounted for faster production or table mounted for Plasma Cutting.
- Permanent Magnet tracing system.
- Speed range from 50 mm - 2000 mm/min or Dual Speed.
- Negligible Maintenance : No PCB'S and Coils.
- Precise control and proven performance.

### Features

**MINI QUALIS 1000** is primarily meant for cutting (**Mild Steel-SS-Brass-Aluminum**). It can cut shapes of different types such as stars, hexagons, squares, rectangles, circles, triangles etc. It can also cut straight lines upto 2000 mm length and can cuts MS plates with Oxy Fuel upto **150 mm** thickness.

**MINI QUALIS 1000** is a right handed light weight, portable yet robust shape cutting machine and can be used on field jobs as well as in factories. It can be used with Oxy Fuel as well as with Plasma Cutting Torch.

This is simplest and one of the **most accurate magnetic tracing system**, that helps in maintaining repeatability of any simple to complex shape cut parts.

The basic system of machine enables the torch to **duplicate any intricate shape** provided on a template on the machine. The carriage arm consist of a motor driven **Electro Magnetic Tracing Head** the cutting torch travels round the template duplicating the exact shape of the template.

The speed of the machine can be varied by Potentiometer. The tracing head can be moved in **clockwise and anti clockwise** direction.

### Standard Accessories

Machine Torch	-	1 No.
Torch holder assembly	-	1 Set.
Set of spanners	-	2 Nos.
Set of nozzles	-	2 Nos.
Set of non return valves	-	2 Nos.
Set of nozzle cleaner	-	1 Set.
Set of fuses	-	6 Nos.
Instruction manual	-	1 No
Set of tracing rollers	-	2 Nos.



### Specifications

Cutting Area	-	15 mm to 740 mm dia. (when template on template holder)
Cutting Area	-	700 mm to 2000 mm dia. (when template on central shaft)
Cutting Speed	-	110 mm - 200 mm/min.
Maximum Thick	-	150 mm.
Power Supply	-	220 Volts AC. 50 Hz.
Motor	-	1/20 HP. AC/DC.
Speed Control	-	By Potentiometer
Maximum Current	-	1 Amp.
Fuse	-	Bottle type 1 Amp.
Tracer Movement	-	Clockwise/ Stop/ Anticlockwise.
Torch	-	Injector Type/ NM/ Victor.
Torch Holder	-	Rack and Pinion (Vertical).
Hose Connection	-	3/8" G (Fuel gas LH & Oxygen RH).
Dimensions (LWH)	-	1100 mm x 700 mm x 500 mm.
Gross Weight	-	52 Kgs. approx.

### Optional Items

1S2g Oxygen pressure regulator	-	1 No
1S2g acetylene pressure regulator	-	1 No
Red hose pipe for fuel	-	10 Meters
Blue hose pipe for Oxygen	-	10 Meters
Hose clips to suit hose pipes	-	8 Nos
Gas lighter	-	1 No
Cylinder key	-	1 No
Cylinder spanner	-	1 Set
Hand gloves	-	1 Pair
Goggles	-	1 Set

## Portable - Auto Pipe Cutting Machine

## MPC (AUTO)

### Benefits

- Lightweight, portable, yet robust.
- Can cut any pipe diameter from 100 mm and upwards.
- Cuts upto 100 mm pipe thickness.
- Very less time required for set up.
- All aluminum, non-corrosive body construction.
- Almost no maintenance required.
- Quick chain interlocking system.
- Easy to operate with proven performance.

### Features

**Auto Pipe Cutting Machine** is a light weight, portable yet robust chain type cutting machine. It can be used on large field jobs as well as in a small workshop. The machine is designed with special aluminum alloy making it light weight yet robust. The other parts of machine are of stainless steel and special brass alloy making it rust free.

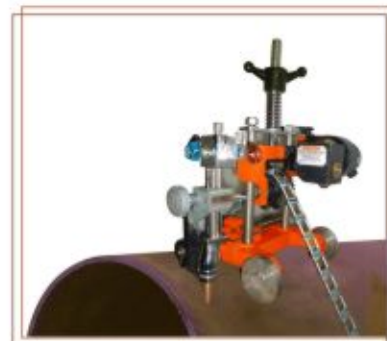
**Auto Pipe Cutting Machine** is simple and easy to operate. It can cut pipes from minimum 100mm Diameter (4 inches) to any larger diameter pipes by quickly changing the length of the chain. It can be operated in clock wise or anti clock wise direction from either side of the machine.

**Auto Pipe Cutting Machine** can cut pipes from 5 mm to 100 mm thickness, by choosing correct nozzles size. The machine can bevel upto 45° by selecting the required degree on the torch holder of the machine. The machine torch can be adjusted 65 mm vertically and 200 mm horizontally along the pipe surface by rack & pinion attachments. The torch control valves, machine operating handles, are all located near by for quick and easy operation

**Auto Pipe Cutting Machine** can also be used for cutting stainless steel and other non ferrous pipes by using plasma cutting torch. The torch holder to suit your plasma cutting torch can be supplied as an optional attachment.

### Standard Accessories

Machine torch	-	1 No.
Torch holder assembly	-	1 Set.
Set of spanners	-	2 Nos.
Set of nozzles	-	2 Nos.
Set of non return valves	-	2 Nos.
Set of nozzle cleaner	-	1 Set.
Link chain	-	3 Mtrs.
Instruction manual	-	1 No.



### Specifications

Effective Pipe Dia	-	100mm – 600mm (4" – 24").
Pipe Thickness	-	5mm – 100mm (3/16" – 4").
Cutting Shape	-	Square and bevels up to 45°
Cutting Speed	-	60mm - 380mm/min.
Power Supply	-	220 Volts AC. 50 Hz.
Motor	-	60 Watts, 28V, DC.
Speed Control	-	Variable by potentiometer.
Maximum Current	-	1 Amps.
Fuse	-	Bottle type 1 Amp.
Cutter (Torch)	-	Injector type.
Max Torch Adjust	-	V – 70mm, H – 200mm.
Hose Connection	-	1/4" G (Fuel Gas LH & Oxygen RH).
Gross Weight	-	11.9 Kgs. (approx without chain)

### Optional Items

1S2g Oxygen pressure regulator	-	1 No.
1S2g Acetylene pressure regulator	-	1 No.
Red hose pipe for fuel	-	10 Meters.
Blue hose pipe for Oxygen	-	10 Meters.
Hose clips to suit hose pipes	-	8 Nos.
Gas lighter	-	1 No.
Cylinder key	-	1 No.
Cylinder spanner set	-	1 Set.
Hand gloves	-	1 Pair.
Goggles	-	1 Set.
Chain	-	1 meter (mini)



## Manual Pipe Cutting Machine

## MPC (MANUAL)

### Benefits

- Lightweight, portable, yet robust.
- Can cut any pipe diameter from 100 mm and upwards.
- Cuts upto 100 mm pipe thickness.
- No electricity required, manually operated.
- Very less time required for set up.
- All Aluminum, non-corrosive body construction.
- Almost no maintenance required.
- Quick chain interlocking system.
- Easy to operate with proven performance.

### Features

**Manual Pipe Cutting Machine** is a light weight, portable yet robust chain type cutting machine. It can be used on large field jobs as well as in a small workshop. The machine is designed with special aluminum alloy making it light weight yet robust. The other parts of machine are of stainless steel and special brass alloy making it rust free.

**Manual Pipe Cutting Machine** is simple and easy to operate. It can cut pipes from minimum 100mm Diameter (4 inches) to any larger diameter pipes by quickly changing the length of the chain. It can be operated in clock wise or anti clock wise direction from either side of the machine. It is operated Manually hence no electricity required.

**Manual Pipe Cutting Machine** can cut pipes from 5 mm to 100 mm pipe thickness, by choosing correct nozzles size. The machine can bevel upto 45° by selecting the required degree on the torch holder of the machine. The machine torch can be adjusted 70 mm vertically and 200 mm horizontally along the pipe surface by rack & pinion attachments. The torch control valves, machine operating handles, are all located near by for quick and easy operation.

**Manual Pipe Cutting Machine** can also be used for cutting stainless steel and other non ferrous pipes by using plasma cutting torch. The torch holder to suit your plasma cutting torch can be supplied as an optional attachment.

### Standard Accessories

Machine torch	-	1 No.
Torch holder assembly	-	1 Set.
Set of spanners	-	2 Nos.
Set of nozzles	-	2 Nos.
Set of non return valves	-	2 Nos.
Set of nozzle cleaner	-	1 Set.
Link chain	-	3 Mtrs.
Instruction manual	-	1 No.



### Specifications

Effective pipe dia	-	100mm – 600mm (4" – 24").
Pipe thickness	-	5mm – 100mm (3/16" – 4").
Cutting shapes	-	Square and bevels up to 45°.
Drive	-	Manually operated.
Cutter (torch)	-	Injector type.
Max torch adjust	-	V – 70 mm, H – 200 mm.
Hose connection	-	1/4" G (Fuel Gas LH & Oxygen RH).
Gross weight	-	9.5 Kgs approx without chain.

### Optional Items

1S2g Oxygen pressure regulator	-	1 No
1S2g Acetylene pressure regulator	-	1 No
Red hose pipe for fuel	-	10 Meters
Blue hose pipe for Oxygen	-	10 Meters
Hose clips to suit hose pipes	-	8 Nos
Gas lighter	-	1 No
Cylinder key	-	1 No
Cylinder spanner	-	1 Set
Gloves	-	1 Pair
Goggles	-	1 Set
Chain	-	1 meter (min)

## Portable Electrode Drying / Baking Ovens

Capacity 4-6-8 kgs

### Feature & Benefits

- **Type of Temperature Control:** Provided with Digital or Thermostat for precise setting
- **Quality Weld :** Totally dry & pre-backed welding consumables yield radiographic quality welds.
- Insulated with high grade mineral glass wool
- Also available in 230 V, AC and custom-built design suitable to work on 110 V, AC
- Portable Electrode Drying Oven, supply 80 V DC. No need to give supply from mains. This can be easily connected, one line to the welding holder and other line to crocodile clip in turn to the job.
- The temperature is maintained 150°-200° C. The body construction by 18 swg. CRCA. mild steel with simple hinged door.



### Models / Specifications Capacity 4 kgs

Model	MPO 80VDC/110VAC/230VAC	MPT 80VDC/110VAC/230VAC	MPD 80VDC/110VAC/230VAC
Capacity of electrode	4 Kgs	4 Kgs	4 Kgs
Temperature range	150° to 200° C	50° to 200°C/50° to 300° C	50° to 300°C
Input power	250 / 500 / 500 Watts	250 / 500 / 500 Watts	250 / 500 / 500 Watts
Input current	1 to 2 Amp	1 to 2 Amp	1 to 2 Amp
Input supply	80V DC/110V AC/230V AC	80V DC/110V AC/230V AC	80V DC/110V AC/230V AC
Air circulation	Natural convection	Natural convection	Natural convection
Type of controller	Without controller	Thermostat	Digital
Overall dimension (LWH)	590 x 100 x 100 mm	590 x 100 x 150 mm	590 x 100 x 230 mm
Inner dimension (LWH)	450 x 60 x 42 mm	450 x 60 x 42 mm	450 x 60 x 42 mm
Weight of equipment	4.3 Kgs	4.3 Kgs	4.8 Kgs
Length of electrode	450 mm	450 mm	450 mm

### Models / Specifications Capacity 6-8 kgs

Model	MPO 110 /230 V AC	MPT 110 /230 V AC	MPD 110 /230 V AC
Capacity of electrode	6 to 8 Kgs	6 to 8 Kgs	6 to 8 Kgs
Temperature range	150° to 200° C	50° to 300° C	50° to 300° C
Input power	750 Watts	750 Watts	750 Watts
Input current	3 Amp	3 Amp	3 Amp
Input supply	110 / 230 V AC	110 / 230 V AC	110 / 230 V AC
Air circulation	Natural convection	Natural convection	Natural convection
Type of controller	Without controller	Thermostat	Digital
Overall dimension (LWH)	600 x 180 x 290 mm	600 x 180 x 300 mm	600 x 180 x 400 mm
Inner dimension (LWH)	450 x 80 x 70 mm	450 x 80 x 70 mm	450 x 80 x 70 mm
Weight of equipment	7.6 Kgs approx	7.6 Kgs approx	8 Kgs approx
Length of electrode	450 mm	450 mm	450 mm



## Stationery Electrode Drying / Flux Baking Ovens

**Capacity 15-30 kgs**

### Feature & Benefits

- **Type of Temperature Control:**  
Provided with Digital or Thermostat for precise setting
- **Quality Weld**  
Totally dry & pre-baked welding consumables yield radiographic quality welds.
- Insulated with high grade mineral glass wool

### Models / Specifications

**Capacity 15 kgs**

Model	MSO 300 T	MSO 300 D
Working space (HWD)	300 x 300 x 495 mm	300 x 300 x 495 mm
Capacity of electrodes	15 Kgs	15 Kgs
No of shelves	3	3
Temperature range	50° To 300° C	50° To 300° C
Input power	1.25 KW	1.25 KW
Input current	5 Amps	5 Amps
Input supply	230 Volt AC Ø 1	230 Volt AC Ø 1
Air circulation	Natural convection	Natural convection
Type of controller	Analog	Digital
Overall dimensions (LWH)	550 x 425 x 600 mm	550 x 425 x 650 mm
Weight of equipment	27 Kgs	27.5 Kgs



### Models / Specifications

**Capacity 30 kgs**

Model	MSO 300 T	MSO 300 D	MSO 400 D	MSO 500 D
Working space (HWD)	440x450x495 mm	440x450x495 mm	440x450x495 mm	440x450x495 mm
Capacity of electrodes	30 Kgs	30 Kgs	30 Kgs	30 Kgs
No of shelves	5	5	5	5
Temperature range	50° To 300° C	50° To 300° C	50° To 400° C	50° To 500° C
Input power	2 KW	2 KW	4 To 5 KW	5 To 6 KW
Input current	8.4 Amps	8.4 Amps	16 to 21 Amps	21 to 25 Amps
Input supply	230 Volt AC Ø 1	230 Volt AC Ø 1	230 Volt AC Ø 1	230 Volt AC Ø 1
Air circulation	Natural convection	Natural convection	Natural convection	Natural convection
Type of controller	Analog	Digital	Digital	Digital
Overall dimensions (HWD)	800x600x600 mm	875x625x650 mm	875x900x700 mm	875x900x700 mm
Weight of equipment (approx)	75 Kgs	85 Kgs	95 Kgs	115 Kgs

## Stationery Electrode Drying / Baking Ovens

**Capacity 50 kgs**

### Feature & Benefits

- **Type of Temperature Control:** Provided with Digital or Thermostat for precise setting
- **Quality Weld :** Totally dry & pre-baked welding consumables yield radiographic quality welds.
- Insulated with high grade mineral glass wool



### Models / Specifications

Model	MSO 300 T	MSO 300 D	MSO 400 D	MSO 500 D
Working space (HWD)	500x500x500 mm	500x500x500 mm	500x500x500 mm	500x500x500 mm
Capacity approx	50 Kgs	50 Kgs	50 Kgs	50 Kgs
No of shelves	5	5	5	5
Temperature range	50° To 300° C	50° To 300° C	50° To 400° C	50° To 500° C
Input power	3 KW	3 KW	5 KW	6 KW
Input current	12.6 Amps	12.6 Amps	21 Amps	25 Amps
Input supply	230 Volt AC Ø	230 Volt AC Ø	230 Volt AC Ø	230 Volt AC Ø 1
Air circulation	Natural convection	Natural convection	Natural convection	Natural convection
Type of controller	Analog	Digital	Digital	Digital
Overall dimensions (HWD)	850x650x650	900x675x675	900x900x825	900x900x825
Weight	88 Kgs	95 Kgs	110 Kgs	135 Kgs

## Flux / Electrode Drying Ovens

**Capacity 50 kgs**

Model	MFO 400	MFO 500
Working space (HWD)	450 x 600 x 600 mm	450 x 600 x 600 mm
Capacity approx	50 Kgs	50 Kgs
Tray Dimensions (HWD)	75 x 590 x 590 mm	75 x 590 x 590 mm
No of trays	3	3
Temperature range	50° To 400° C	50° To 500° C
Input power	6 KW	7.5 KW
Input current	8.4 Amp Per Ø	10.5 Amps Per Ø
Input supply	415 Volt AC 3 Ø	415 Volt AC 3 Ø
Circulation	Forced / Air circulation	Forced / Air circulation
Type of controller	Digital	Digital
Overall dimensions (HWD)	850 x 1150 x 900 mm	850 x 1150 x 900 mm
Weight of equipment (approx)	350 Kgs	365 Kgs



## Stationary (Mother) Electrode Drying / Flux Baking Ovens

Capacity 100 kgs

### Feature & Benefits

- **Type of Temperature Control:** Provided with digital or Thermostat for precise setting
- **Quality Weld :** Totally dry & pre-baked welding consumables yield radiographic quality welds.
- Insulated with high grade mineral glass wool



### Models / Specifications

Model	MFO 400	MFO 500
Working space (HWD)	900 x 600 x 600 mm	900 x 600 x 600 mm
Capacity approx.	100 Kgs	100 Kgs
Tray dimensions (HWD)	75 x 590 x 590 mm	75 x 590 x 590 mm
No of trays	6	6
Temperature range	50° To 400° C	50° To 500° C
Input power	12 KW	13.5 KW
Input current	17.2 Amps per Ø	21 Amps per Ø
Input supply	415 Volt AC 3 Ø	415 Volt AC 3 Ø
Circulation	Air circulation	Air circulation
Type of controller	Digital	Digital
Overall dimensions (HWD)	1300 x 1150 x 900 mm	1300 x 1150 x 900 mm
Weight of equipment (approx.)	500 Kgs (approx.)	515 Kgs (approx.)

## Accessories



Safety



Gas



MIG



TIG

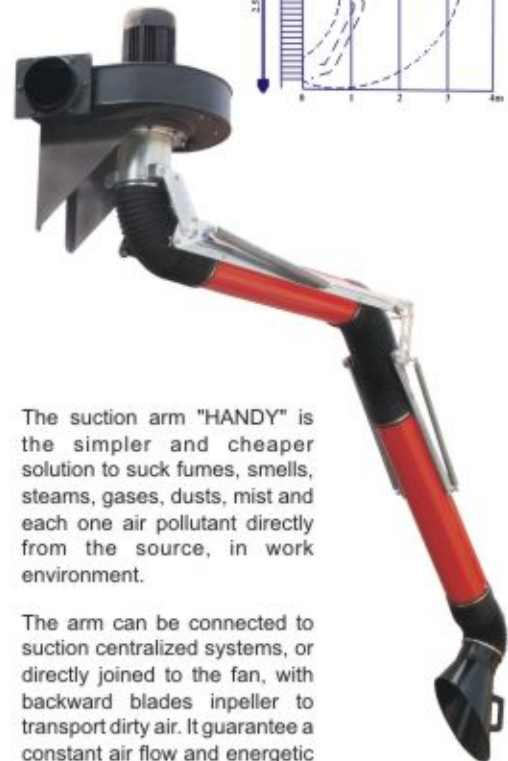
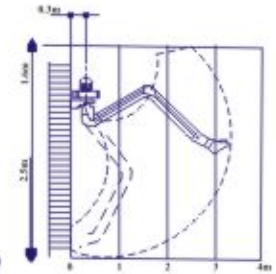


Handtools



Electric

## Fume Suction Arms Handy



The suction arm "HANDY" is the simpler and cheaper solution to suck fumes, smells, steams, gases, dusts, mist and each one air pollutant directly from the source, in work environment.

The arm can be connected to suction centralized systems, or directly joined to the fan, with backward blades impeller to transport dirty air. It guarantee a constant air flow and energetic saving.

## Product Support

Welding machines  
Invertors  
Wire feeders  
Plasma cutting machines  
Water circulators  
Ovens  
Wires  
Fluxes  
Electrodes  
MIG & TIG guns  
Gouging guns & carbons  
Temperature, paintmarks  
Tungsten Rods

Fume extractors  
Anti-spatter  
Gas welding cutting brazing apparatus  
Regulators  
Welding hoses  
Industrial hoses  
Construction hoses  
Tools  
Grinding & cutting discs  
Pipe cutting & bevelling machines  
Pipe stands & accessories  
Welding cable  
Welding accessories

Welding gloves, jackets & work gloves  
Helmets  
Goggles  
Hard hats  
Face shields  
Protective clothing  
Safety curtains  
Cylinders valves  
Manifold systems  
Trolleys  
CNC cutting machines



Ovens



Power tools



Stationary (Mother) Electrode Drying / Flux Baking Ovens

MFO Series

