



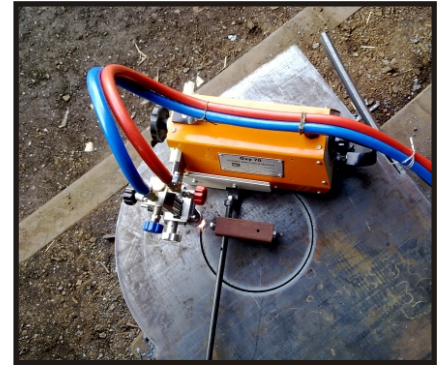
Oxy 70

www.secmachines.com



Bevel Cutting upto 45 Degree

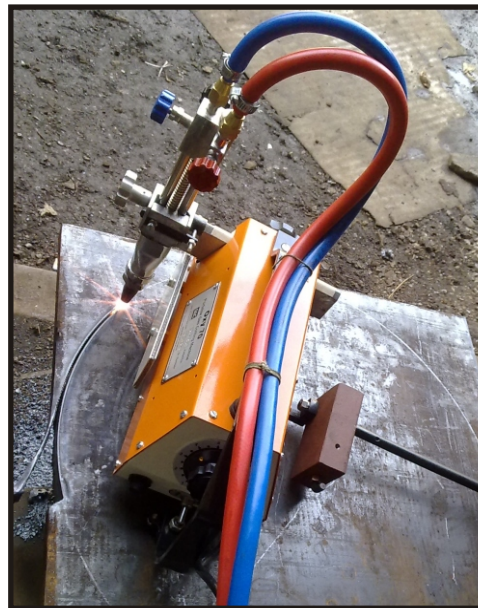
Maximum Cutting thickness upto 70mm



Smallest Circle Cutting 75mm diameter



Cutting Samples



Large Circle Cutting upto 1200 mm diameter or more



Free hand Cutting

Portable Flame Cutting Machine

- ⦿ Straight line or Circular cuts upto 70 mm thickness.
- ⦿ Bevel cuts upto 45 degrees.
- ⦿ Dynamically balanced armature for ultra smooth drive.
- ⦿ Counter balancing enables larger torch - machine distance.
- ⦿ Can cut circles upto 1200mm diameter.
- ⦿ Precise control and proven performance.

17 More Benefits

15 Months Warranty

ISO Certified

www.secmachines.com



Features

Body: The body of the carriage unit is made of pressed steel and is fitted with precision, durable and heat Resisting components for trouble free service. The body is painted after special treatment in Golden Yellow colour.

Drive: The drive consist of a high performance universal type 1/20 HP, AC/DC motor for 220/240 volts, 50 Hz of electric supply. The motor is mounted with a compact gear box of ratio 1:288. It has a facility of forward and reverse operation. The armature is dynamically balanced.

Control: Forward/Off/Reverse type switch is located below the speed control knob for easy and quick operation. The speed can be varied from 60 to 600 mm/min to suit the nature of cutting. Speed-Pressure-Nozzle selection and control data for various plate thickness is printed on the machine itself for quick reference. The speed of the machine can also be increased or decreased while cutting is in progress, this feature is very advantageous when starting and finishing the cut.

Torch: Specially designed heavy duty Injector type cutting torch to prevent backfire. It works on Oxygen and Acetylene or LPG with appropriate nozzles.

Torch Holder Assembly: This enables vertical and horizontal movement of the torch. Adjustment for bevel cutting from 0 to 45 degrees can also be made easily. The system is simple and convenient. The adjustments can also be made while the machine is in motion.

Circle Cutting Attachment: It consists of a radius bar, and weight block with a centre. It can be fixed from either side of the machine. For circle cutting the swivel wheel has to be unlocked. The machine can cut from 75 mm to 1200 mm diameters.

Rail Track: The machine runs on an extruded aluminum track of 1.8 meters Length.



Specifications

- **Cutting Capacity** : 5 mm to 70 mm.
- **Bevels** : 0 to 45 degrees .
- **Straight Cuts** : 1.8 meters and multiples.
- **Circle Cutting** : 75 mm dia to 1200 mm dia.
- **Cutting Speed** : 60 mm/min to 600 mm/min [variable]
- **Torch Adjustment** : Vertical-70 mm Horizontal-85 mm
- **Voltage** : 220/250 Volts, AC/DC, 50 Hz.
- **Maximum Current** : 0.35 Amperes.
- **Fuse** : Bottle type - 500 mA..
- **Hose Connection** : 1/4 " G [Fuel gas LH & Oxygen RH]
- **Dimensions** : 430 mm x 250 mm x 220 mm.
- **Weight** : 9.5 kgs

Standard Accessories

- Cutting Torch with Holder - 1set.
- 1.8 M Aluminum Rail - 1no.
- Circle Cutting Attachments - 1set.
- Spanners 2 nos..
- Nozzles 2 nos.
- Non -return Valves 2 nos.
- Bottle Fuses 2 nos.
- Nozzle cleaner 1 set.

Optional Items

- | | |
|---|--|
| <ul style="list-style-type: none"> 1. 1S2g Oxygen Pressure Regulator . - 1 no 2. 1S2g Acetylene Pressure Regulator - 1 no 3. Red Hose Pipe for Fuel - 10 Mtrs. 4. Blue Hose Pipe for Oxygen - 10 Mtrs. 5. Hose Clips to Suit Hose Pipes - 8 nos 6. Gas Lighter - 1 no 7. Cylinder Key - 1 no | <ul style="list-style-type: none"> 8. Cylinder Spanner Set - 1 no 9. Hand Gloves - 1 Set 10. Goggles - 1 Set. 11. Flash back arrestors for torch - 1 Set. 12. Flash back arrestors for Oxygen Regulator - 1 no. 13. Flash Back Arrestor for Fuel Gas Regulator- 1no. |
|---|--|

Note : The machine can be supplied with NM or Victor torch also. The machine can also be supplied with 110V-60Hzs.

Subject to change without notice

Oxy - 70

Packing List



Portable Cutting Machine

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Aluminium Rail - 1 no

Main Machine with Sliding Plate - 1 Set.

Cutting Torch with Holder - 1set.

Stainless Steel Nozzle Cleaner 1set

Spanners 2 nos

Fuses 2 nos

Nozzles 2 nos

Nut Nipples 2 nos

Circle Cutting Attachments - 1set

15 Months Warranty



Prominent Customers

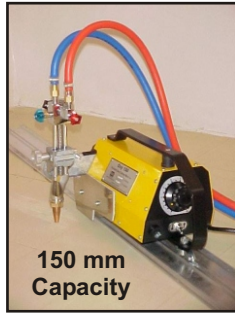


Other SEC Cutting Machines



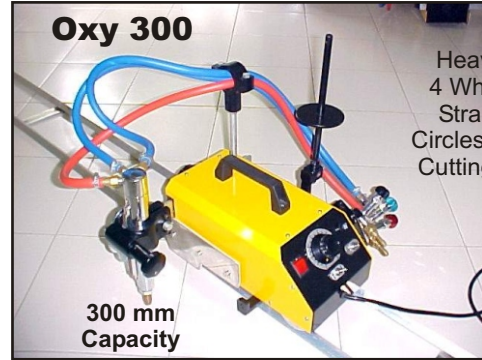
Straight line,
Circles and Bevel
Cutting Machine

Oxy 150



150 mm
Capacity

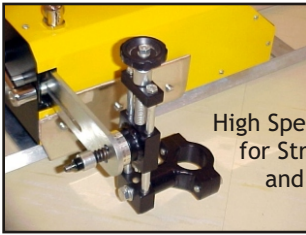
Oxy 300



300 mm
Capacity

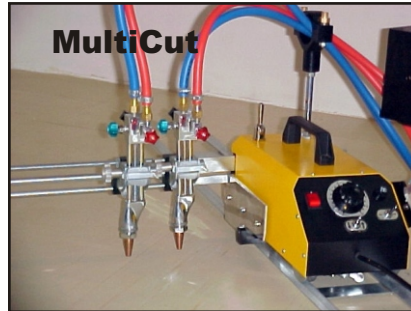
Heavy Duty ,
4 Wheel Drive
Straight line,
Circles and Bevel
Cutting Machine

Plasma Trolley



High Speed Plasma Cutting -
for Straight line, Circles
and Bevel Cutting.

MultiCut



Muti Torch Strips and
Special Bevel
Cutting machine

Mini Ostrich



Portable Profile Cutting Machine

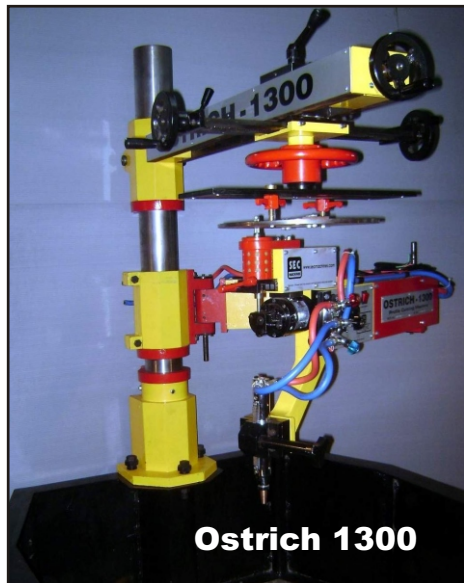
Ostrich 2000



Large Pillar Type Profile Cutting Machine

**ISO
Certified**

Ostrich 1300



Pillar Type Profile Cutting Machine

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