



Mini - Ostrich

Portable Shape Cutting Machine

- ⦿ Right handed, Light weight and Portable.
- ⦿ Can cut circles from 30mm dia to 2000mm dia.
- ⦿ Can be used to cut shapes like flanges .
- ⦿ Can cut straight line upto 2000mm lenght
- ⦿ Can cut any shape within 2000mm dia. area
- ⦿ Cuts from 5mm to 150 mm thick plates.
- ⦿ Can be rail mounted for faster production.
- ⦿ Can be table mounted for Plasma Cutting.
- ⦿ Permanent Magnet tracing system.
- ⦿ Speed range from 50mm/min to 2000mm/min.
- ⦿ Dual Speed.
- ⦿ Negligible Maintenance: Has no PCBs and Coils.
- ⦿ Precise control and proven performance

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Portable

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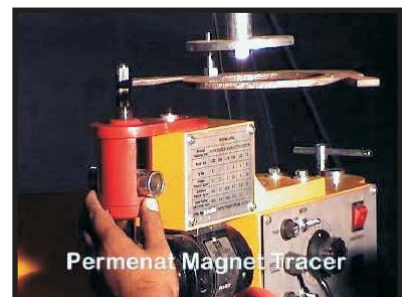


Cutting 2000mm dia. shape

Large Shape Cutting Capacity



Multiple Axis Template Slider



Permanent Magnet Tracer



Rail Mounted Quick Cutting



Table Mounted Plasma Cutting



Features

Mini Ostrich is primarily meant for cutting (**Mild Steel-SS-Brass- Aluminum**) plates. 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 in length. It can cut MS plates with Oxy Fuel upto 150-mm thickness.

Mini Ostrich is a right handed light weight, portable yet robust shape cutting machine, it can be used on field jobs as well as in factories, it can be used with Oxy Fuel as well 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 carriage arm consist of a motor driven **Magnetic Tracing Head**, the cutting torch travels round a MS tin sheet template and duplicates the exact shape on the job plate.

The speed of the machine can be varied from **50mm/min to 2000 mm/min** with an indexed selector knob. The tracing head can be moved in clockwise or anticlockwise direction by a selector switch.

The application of **Mini Ostrich** are so many that all cannot be put on this leaflet, you must ask for its practical cutting demo Video CD and help yourself with this Magic Machine.

Specifications

- **Cutting Area** : 30 mm to 740 mm dia
(when template on template holder)
- **Cutting Area** : 700 mm to 2000 mm dia
(when template on central shaft)
- **Maximum Thickness** : 150 mm
- **Cutting Speed** : 50 mm/min – 2000 mm/min .
- **Power Supply** : 220 Volts AC 50 Hz
- **Motor** : 1/20 HP, AC/DC Series FHP.
- **Control Design** : Electrical potentiometer
- **Tracer Movement** : Clockwise – Stop – Anti clockwise
- **Speed Control** : Continuous Variable by a Rotary Knob
- **Torch** : Injector/NM type to suit Acetylene/ LPG
- **Torch Holder** : Vertical Movement by Rack and Pinion
- **Gas Connections** : Oxygen – 3/8" GRH
Fuel – 3/8" GLH
- **Net Weight** : 52 Kgs (Approx)
- **Dimensions** : 1100mm x 700mm x 500mm.

Optional Items

- | | |
|--------------------------------------|------------|
| 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 |
| 8. Cylinder Spanner Set | - 1 no |
| 9. Hand Gloves | - 1 Set |
| 10. Goggles | - 1 Set. |
| 11. Rail | - 1 Set |
| 12. Height Exinction bars | - 4 Nos. |
| 13. Liquid level bottle | - 1No. |
| 14. Plate Mounting Table | - 1 No. |

Standard Accessories

- | | |
|------------------------------|---------------------------|
| * Cutting Torch with Holder. | * Set of Fuses. |
| * Set of Non -return Valves. | * Set of Nozzle Cleaner |
| * Set of Spanners. | * Set of Tracing Rollers. |
| * Set of Nozzles. | * Counter weight block. |

Subject to change without notice

Note

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