



Oxy 200

Heavy Duty Portable Flame Cutting Machine

- Straight line or Circular cuts upto 200 mm thickness.
- Bevel cuts upto 45 degrees.
- Internally fibre glass lined body with fibre glass insulated circuit.
- Dynamically balanced armature for ultra smooth drive.
- Can cut circles upto 1200mm diameters.
- Strong and solid construction for longer life.
- Precise control and proven performance.



Features

BODY: The body of the carriage unit is of **thick gauge** pressed steel, and is painted by a special treatment. It is **internally fibre glass lined** making OXY-200 more **heat resistive** and durable. 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, 50 Hz of electric supply. The motor is mounted with a compact gear box of **ratio 1:576**. It has a facility of forward and reverse operation. The motor is **dynamically balanced, fibre glass taped**, and its wires are **fibre glass insulated**.

CONTROL: The control circuit is also **fibre glass insulated**. The speed can be varied from **30 mm /min to 500 mm/min**.

TORCH: Specially designed **heavy duty Injector** type cutting torch. It works on oxygen and acetylene/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.

HOSE CLAMP: This feature reduces hose dragging, and keeps hoses and cable in line with motion of the machine.

STRAIGHT LINE CUTTING: The machine runs on standard aluminium rail track of 1.8 metres length. It does not require any special rail.

CIRCLE CUTTING ATTACHMENT: It consist 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 circles from **75mm to 1200 mm diameter**.

RAIL TRACK: The machine runs on an extruded aluminium track of 1.8 metres Length.

Specifications

- **Cutting Capacity** : 5 mm to 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** : 30 mm/min to 500 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..•
- **Dimensions** : 480 mm x 250 mm x 220 mm.
- **Weight** : 12 kgs
- **Hose Connections** : 1/4 " G [Fuel gas LH & Oxygen RH]

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

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| 1. 1S2g Oxygen Pressure Regulator . - 1 no | 8. Cylinder Spanner Set - 1 no |
| 2. 1S2g Acetylene Pressure Regulator - 1 no | 9. Hand Gloves - 1 Set |
| 3. Red Hose Pipe for Fuel - 10 Mtrs. | 10. Goggles - 1 Set. |
| 4. Blue Hose Pipe for Oxygen - 10 Mtrs. | 11. Flash back arrestors for torch - 1 set. |
| 5. Hose Clips to Suit Hose Pipes - 8 nos | 12. Flash back arrestors for Oxygen Regulator - 1 no. |
| 6. Gas Lighter - 1 no | 13. Flash Back Arrestor for Fuel Gas Regulator - 1no. |
| 7. Cylinder Key - 1 no | |