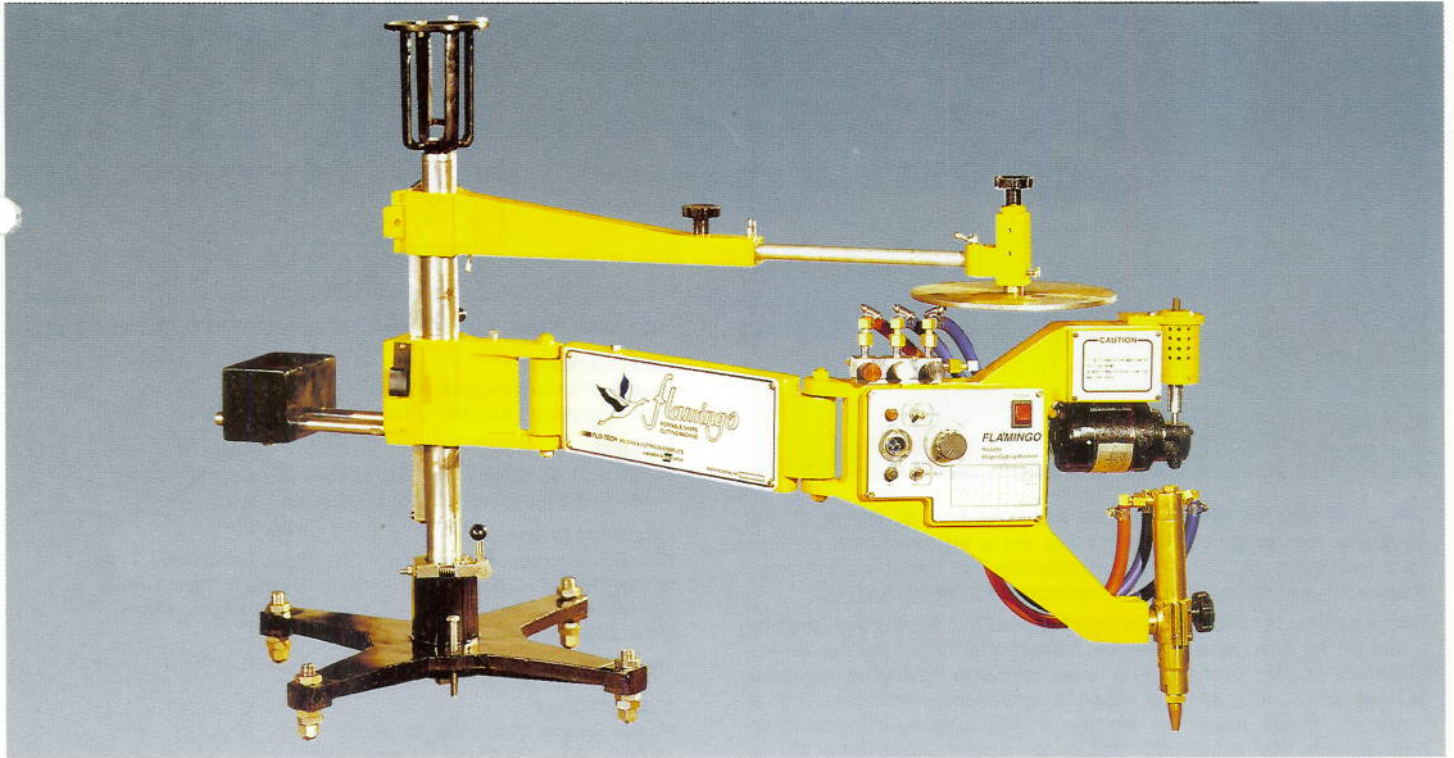




FLAMINGO

Profile Cutting Machine



Flamingo is a small portable radial arm oxygen cutting machine. Being small in size and light in weight, the machine can be easily carried to the worksite and placed directly on the plate to be cut. As the machine is mounted on four ball castors, it can be moved about on the plate as required.

The tracing roller is magnetised by a solenoid coil and driven by an electric motor follows the edge of steel templates of virtually any shape guiding the cutting torch to cut the desired profile. S.C.R. Control ensures stable stepless speed variation and smooth running.

Thrust ball and needle roller bearings used on rotating joints provide free and frictionless movement of the arms.

Efficient design of rack and pinion systems ensures smooth and easy movement of cutter and template in both horizontal and vertical direction.

RECOMMENDED ADDITIONAL EQUIPMENT

- | | |
|--|--------------------------|
| 1-IOX-14 Oxygen Regulator. | 1-Spark Lighter. |
| 1-IDA-50B Acetylene Regulator. | 1-Cylinder Key. |
| 1-10 metre long - 5 mm Hose (Black) for Oxygen. | 1-Spindle Key. |
| 1-10 metre long - 5 mm Hose (Red) for Acetylene. | 1-Outfit Key. |
| 1-Pair Welding Goggles. | 1-Hose Clip 5 mm. |
| | 1-Pair Leather Gloves. |
| | 2-5 mm Connection for G. |

DESCRIPTION

The machine is constructed in three main section - Base and Column Sub-assembly, the Main Arm Sub-assembly and Top Arm Sub-assembly.

Item No.	Description
1	Base and Column Sub-assembly
2	Main Arm Sub-assembly
3	Top Arm Sub-assembly
4	Spindle Lock Sub-assembly

Specifications

- Weight : 58 Kg. approximately.
- Power Supply : 220 Volts, 50 Hz AC.
- Drive Motor : Universal Single Phase Fractional Horse Power Motor - 220 V.
- Speed Control : S.C.R.
- Magnet Tracing Roller : 12.7 mm dia. and 10 mm dia.

CUTTING CAPACITY

- Cutting Thickness : 3 mm to 150 mm thick mild steel.
- Machine Speed : 100 mm/min to 750 mm/min (with 12.7mm dia. roller).

CUTTING AREA

Template mounted on Template Holder : Any profile within 30 mm to 740 mm dia. circle.

Template mounted on Centre Shaft : Any profile within 700 mm to 2000 mm dia. circle.

Standard Equipment : 1-A 16 Cutting Nozzle.

1-5 metre long 3 core T.R. Cable.

N.B. Nozzle sizes A-8, A-12, A-20 and A-24 are available as optional extras.

*Caution - Any Movement of the machine should be done by holding the Base Plate. Do not use any other part for movement.