



### Features

- Light weight and portable
- Cutting diameter upto 2050 mm
- Cuts upto 150 mm thickness
- Cutting speeds from 100 to 750 mm/min
- Large shape cutting capacity
- Solid state circuitry
- Accurate and easy to operate
- Cut shapes accurately and economically

## AUTOMATIC SHAPE CUTTING SOLUTIONS FROM CRUXWELD

**WING2050** is a precision portable radial arm oxy-fuel 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 bearing used on rotating joints provide free and frictionless movement of the arms. The efficient design of rack and pinion systems ensures smooth and easy movement of cutter and template in both horizontal and vertical direction.

Specification	WING2050
Power supply	AC220±15%, 50/60 Hz
Template mounted on template holder	Any profile within 30mm to 750 mm dia. circle
Template mounted on centre shaft	Any profile within 700 mm to 2050 mm dia. circle
Cutting thickness	3 mm to 150 mm
Drive motor	1/20 HP, AC/DC series fractional horse power motor
Speed control	S.C.R.
Magnet tracing roller	11.5 mm dia.
Machine speed	100mm/min to 750 mm/min
Control pointer	FWD-OFF-REV toggle switch
Speed control	Continuous variable by a rotary knob
Tracer	Clockwise & Anti-clockwise
Cutter movement	Vertical movement by rack and pinion
Template position	Mounted on template holder or central shaft
Cutter nozzles	Acetylene 'A' type, LPG 'B' type
Cutting precision	Ellipse ≤ 1.5mm, Square ± 1mm/650mm
Cutting torch	Injector type to suit acetylene/LPG
Dimensions (LxWxH)	1100x700x500 mm
Weight (approx)	68 Kg