

# BEVELLING MACHINE EDPL-12

**SUPERIOR,CHEAPER,FASTER beveling than any other method....**

## BEVELLING MACHINE

ELEKTROMAG Beveling Machine is suitable for beveling of plates, pipes and structures. This preparation of weld edge is required before welding in fabrication workshops, boiler construction equipment ,shipyards, pipeline ,tank, heat exchanger and machinery manufacturers etc.

The beveling operation by EDPL-12 is superior, cheaper and faster than any other methods such as flame cutting.

### SPECIFICATION :

#### Motor

Wattage	: 2.2KW/3HP
Voltage	: 415 V,3 phase ,50Hz
Starter with O/L & Short circuit protection	: Provided
Reversible switch	: Provided
Gear Box Oil	: 1.5 kg,Type 460/680 EP
Coolant to be sprayed on cutter	: Machine Oil/Cutting Oil
<b>Three cutters provided, one each for Aluminium Plate/Pipe</b>	<b>: Mild Steel, Stainless Steel and</b>

### FEATURES :

Beveling length/min	: 2.6 Mtr
Max. Bevel depth in mild steel(U.T.S. 40 kg/sq. mm)	: 12 mm
Stainless Steel Material(U.T.S 50 kg/sq. mm)	: 10 mm
Beveling angle/Standard	: 30
Plate thickness	: 6-40 mm
Beveling tube min. inner dia.	: 100 mm

Model EDPL-12 can bevel the plates/pipes at a speed of 2.6 M/Min. With 12 mm depth in 6-40 mm min.thick, mild steel /aluminum material/10 mm thick stainless steel.

Standard machine is provided with 30 bevel angle device.37.5 ,45 and other varying device can be supplied at an extra cost.

### Advantages of plate edge preparation by milling operation on EDPL-12 machine v/s flame beveling:

1.Milling cutters bevel, clean accurate angular edge on straight or circular section.2.Once the cut starts, the cutting force will propel either the machine or the job whichever is lighter.3.As machine is self propelled, one operator can supervise beveling operation.4.More accurate bevel angles, saves grinding/reworking cost. No thermal distortions.5.Bevels at 2.6 M/Min which is much faster than flame cutting speed of 0.3 M/Min.



