

Edge 80 - Plate Beveling Machine

EDGE 80, high speed plate beveling machine with variable angle head, high beveling capacity, fast and precise, thanks to the face mill equipped with high speed interchangeable inserts.

The **EDGE 80** is a heavy duty machine, strong and powerful, capable of working any material and to lock onto plates with a wall thickness range from 6 to 120 mm and able to reach 80 mm of max. diagonal.

Once the machine is placed and secured on the plate, it runs along the edge up to the far end with no intervention by the operator.

Locking range w.t. 6 - 120 mm (1/4" - 4 3/4")
Max. diagonal: 80 mm

Rotating heads



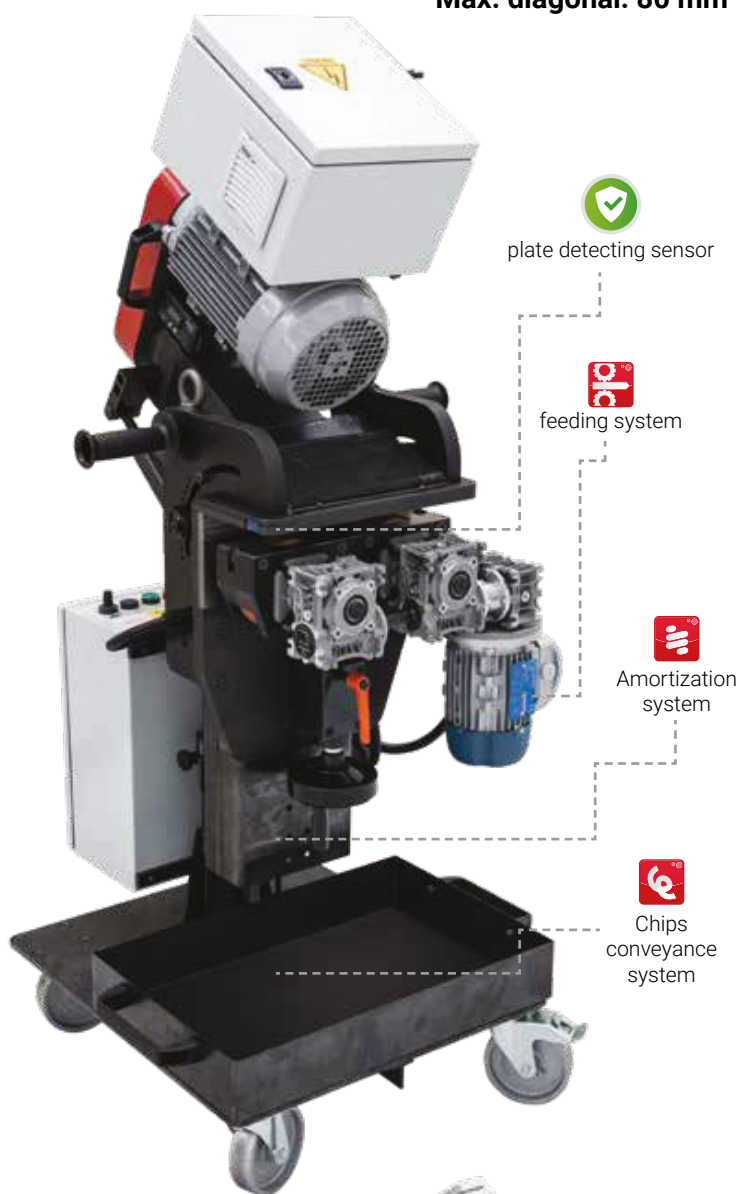
The machine is equipped with a stepless variable head type which allows bevel angles from 10° to 70°, granting a very easy and quick adjustment of the angle of bevel.

Milling head speed regulator



With the optional milling head speed regulator, it is possible to reduce the rpm of the milling head for an optimal result on any kind of material.

The machine is equipped with a plate detecting sensor and trolley with a new chips conveyance system. We have also implemented an amortization system which allows to overcome eventual imperfections of the wall thickness or eventual variations of the plate, as well as the imperfections of the ground.

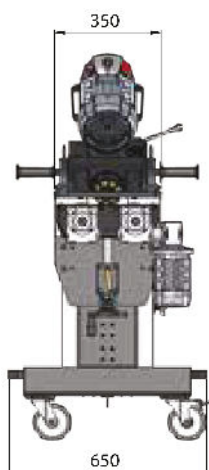
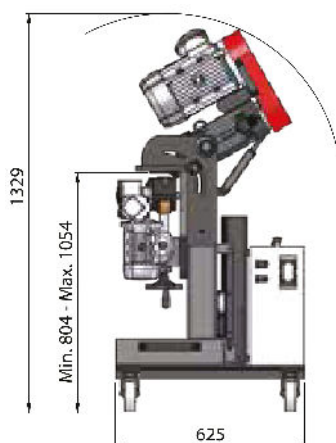
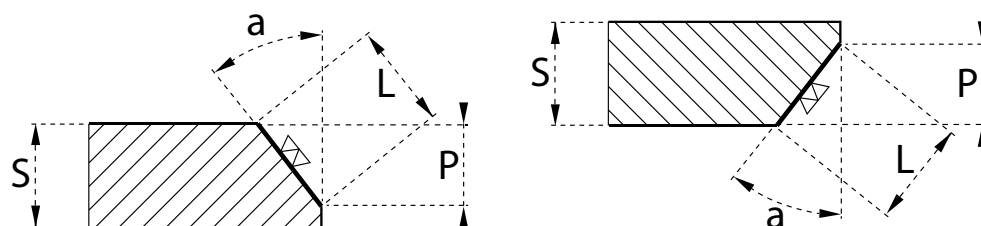


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Technical Features

Electric motor power	W	4000
Tension	Volt	230 / 400*
Frequency	Hz	50 / 60
Face mill speed	rpm	820 (with opt. from 300 to 1500)
Face mill type	-	Ø80 mm - 9 inserti (inserts)
Bevel angle	-	10° - 70°
"J" bevel angle	-	0° - 30°
Plate thickness	mm	Min. 6 - Max. 120
Bevel diagonal length	mm	Min. 0 - Max. 80
Travel speed	Mt./min.	0 ÷ 1,5
Weight	Kg	288
Acoustic emissions	dB	76

*Different voltage available on request



Bevel Angle	Max Plate W.T.	Max Bevel Performance*	
"a"	"S"	"L" max	"P" max
10°	120mm	74,7mm	73,57mm
15°	120mm	73,19 mm	70,7 mm
20°	120mm	72,37 mm	68,01 mm
22,5°	120mm	72,23 mm	66,73 mm
25°	120mm	72,25 mm	65,48 mm
30°	120mm	72,85 mm	63,09 mm
35°	120mm	74,25 mm	60,82 mm
37,5°	120mm	74,29 mm	58,94 mm
40°	120mm	76,57 mm	58,66 mm
45°	120mm	80 mm	56,57 mm
50°	120mm	76,57 mm	49,22 mm
55°	120mm	74,25 mm	42,59 mm
60°	120mm	72,85 mm	36,43 mm
65°	120mm	72,25 mm	30,53 mm
70°	120mm	72,37 mm	24,75 mm

*In multiple steps