

# Edge 46 J

## High speed Plate bevelling machine with variable angle head



Range: 5/16" - 4 3/4 " thickness (8-120mm)  
Bevel Angle: from 15° to 60°  
Materials: Any type of steel and aluminium  
Power: Electric 3 phase



The Edge 46 High Speed plate bevelling machine is the latest technology in portable plate edge bevelling. The Edge 46 is the most powerful portable plate edge beveller in the world market place, capable of bevelling plate thicknesses of up to 120mm with a maximum bevel width of an incredible 46mm - on any angle and any material!

Smooth weld ready bevels are achieved with minimum effort in the quickest possible times. There is no need to re-grind the bevel and no dust or fumes from the flame cutting. Also, due to the high speed bevel there is no thermal distortion, saving time and money.

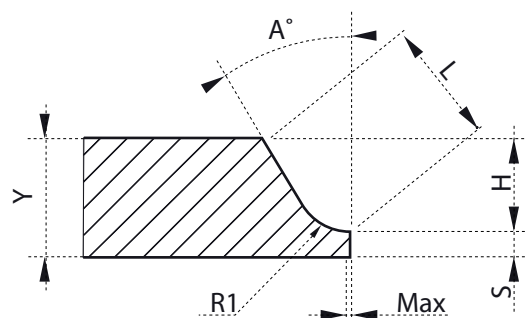
The Edge 46 has a unique design; special benefits and features include the variable angle bevel head from 15° to 60° this high speed, tipped insert, bevel head is powered by two 2.2KW 3 phase motors.

The Edge 46 is portable, it is easily manoeuvred on its 4 castor wheels, therefore eliminating the use of a crane or lifting device and for ease of set-up the Edge 46 is adjustable in height. All materials of plate can be machined, including Carbon steel, Stainless steel, Super Duplex and Aluminium.

The **Edge 46** produces bevels using an insert-type high speed milling head, enabling a high material removal rate, while keeping replacement consumable costs to a minimum. Bevelling tips have 4 cutting edges and are available to machine all types of material.



The latest versions of the Edge46 can execute J bevels with various angles, by replacing the standard milling head with a head that accepts round inserts.



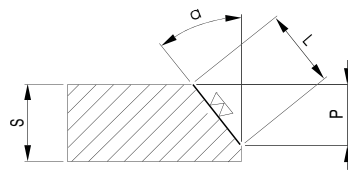
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## Technical Features

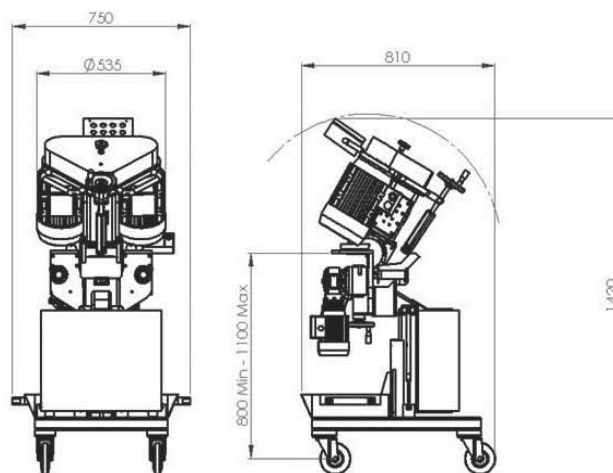
Power	Volts / Hz / Phase	380* / 50 / 3
Bevelling speed	Surface metres / min	2.4
Electric motor power	Kw	2.2
Plate thickness	Inches / Millimetres	¼" - 2 ⅜" / 6-60mm
Bevel angle	Degrees	15-60°
Weight	Kg	65

\*Different Voltage available on request

### BEVEL CHART



BEVEL ANGLE "A"	MAX PLATE W.T. "S"	MAX BEVEL SINGLE STEP "L"	MATERIAL REMOVAL RATE "Q"	MAX BEVEL PERFORMANCE "L" MAX "P" MAX	
15°	60 mm	22 mm	21,2 mm	664,9 g/1'	46 mm 44,5 mm
22,5°	60 mm	17,8 mm	16,5 mm	659,5 g/1'	46 mm 42,5 mm
30°	60 mm	16 mm	14 mm	652,6 g/1'	46 mm 39,8 mm
37°30'	60 mm	14,5 mm	11,5 mm	597,8 g/1'	46 mm 36,5 mm
45°	60 mm	14 mm	9,9 mm	577 g/1'	46 mm 32,5 mm
55°	60 mm	14,9 mm	8,5 mm	614,1 g/1'	46 mm 26,4 mm
60°	60 mm	16,2 mm	8 mm	624,4 g/1'	46 mm 23,1 mm



### Ordering Information

### Part No.

Edge46

ED46E00

Milling head

12-690-000-00003

Cutting inserts for Carbon Steel (Pk 10)

11-400-900-15045

Cutting inserts for Stainless Steel (Pk 10)

11-400-900-15080

Cutting inserts for other materials available on request