

PLATE EDGE BEVELLING MACHINE - KBM@50



Adjustable bevel angle between 15° - 60°

Durable hardened steel frame

Motorized feeding with two polyurethane wheels

Trolley complete with height adjustment, chip deflection, chip box, and swivel wheels with brake

These plate bevellers produce clean milling style bevels with no thermal distortion on mild steel, stainless steel, titanium and aluminum plate from 8 mm to 50 mm thick. Thinner material can be bevelled (please consult the factory for details).

The KBM@50 automatically bevels the topside of the plate which results in a reduction of time and cost. The KBM@50 is ideal for a variety of metal fabrication industries including: tanks, silos, pipes and pipelines, cranes, digging machines, railcar manufacturing, shipyards and windtowers.

KBM-50

Produces milled quality bevels at 1 meter per minute

WITH ADJUSTABLE BEVELLING HEAD TO PRODUCE BEVEL ANGLES 15° TO 60°

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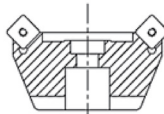

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Milling Cutter Motor Power	230/400*, 4Kw, 50/60 Hz, 4 pols
Feed Motor Power	0.09 Kw
Bevel Adjustment	5-30mm (diagonal 50mm)
Milling Cutter Diameter	63mm
Plate Thickness	8mm - 50mm
Bevel Angle	15°-60°
Bevel Speed	0-1m/min
Cutter Speed	750 RPM
Height Adjustment	200mm
Weight	185kg
Unit Dimensions	600x600x1600mm



* Special voltages available upon request

Cutter Image	Diameter	Insert	N°	Material	Insert Code	Option
	Ø63 mm H=40 mm Ø=22 mm (1x)	12.7x12.7 Thickness 4.76mm	5	MP91M	ISO SDHTI204AETN-42 SP6519	Coated SDHTI204AETN-42 X500 For Light Alloy
	Ø63 mm H=45 mm Ø= 22 mm (1x)	Ø16 Thickness 4.8mm	5	IC928	RMT1607-FW-T20	High Tensile Steel HTS

RECOMMENDED BEVELLING CAPACITIES

MATERIAL	TYPE	15°			30°			45°			60°		
		L	S	V	L	S	V	L	S	V	L	S	V
Steel R<450 N/mm²	C15, C16	41.3	3.6	75.7	28.5	5.6	75.2	26.4	6.5	77	28.5	5.6	75.2
Steel R<550 N/mm²	Fe52, C45	40.6	3.4	69.3	27.7	5.3	69.3	25.5	6	69.3	27.7	5.3	69.3
Steel R<900 N/mm²	35NiCrMo6	38.3	2.8	55.8	25.5	4.3	53.4	23.3	5	54.8	25.5	4.3	53.4
Stainless Steel	AISI 304	38.7	3	57.8	26	4.5	58	24	5.3	59.5	26	4.5	58
Stainless Steel	AISI 316	36.9	2.5	48.4	24.5	3.9	47.7	22.2	4.4	47	24.5	3.9	47.7

Legend: L - Achievable Bevel Length (mm) S - Run Depth (mm) V - Chip Volume Produced

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