GULLCO

PLATE BEVELLING MACHINE - HEAVY DUTY KBM-28®

KBM-28-100

KBM-28® Plate Edge Beveller -
Heavy Duty - Portable - Self-Propelled - No Noise

KBM-28® Bevellers produce clean machined bevels with no thermal distortion on mild steel, stainless steel and aluminum plate from 5/16” (8.0 mm) to 2”(50.0 mm) thick.The KBM-28® automatically bevels the topside of the plate reducing time and cost. Savings are further enhanced when the KBM-28U® underside beveller is used in applications where both sides of the plate require bevelling.

This portable plate beveller has an adjustable undercarriage for easy height adjustment. The KBM-28® units can be purchased with Gullco’s exclusive adjustable height, self-aligning, spring-loaded caster wheel assembly for self-propelled bevelling along any length of plate which helps to maintaining a uniform bevel and consistent root face. Sold separate

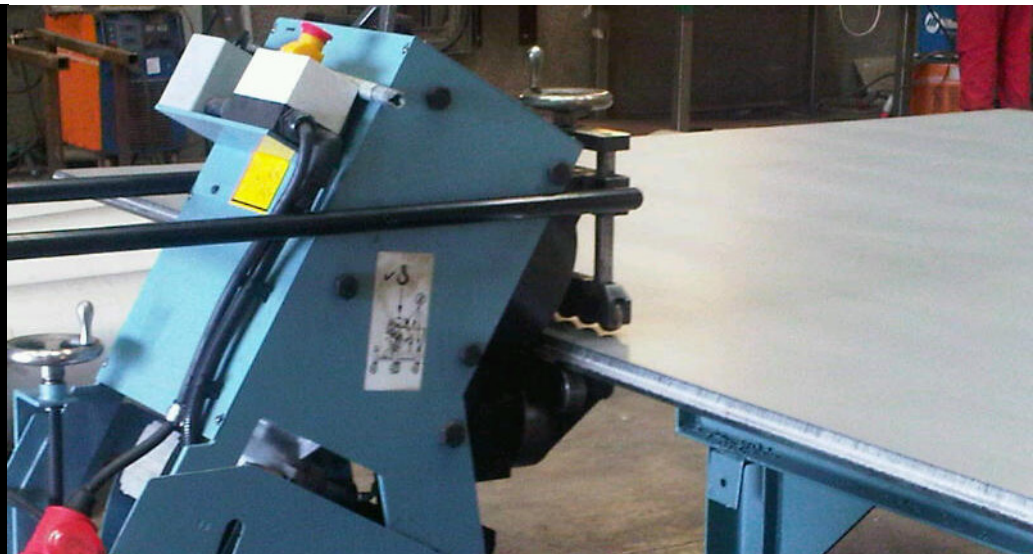
Angle bevel pins enable bevel angle adjustments
The KBM-28® units are supplied with angle bevel pins for 22 1/2°, 30°, 37 1/2°, 45° and 55° bevels. Pins for other bevel angles are available upon request.

KBM-28®	KBM-28U®
...for bevelling the top-side of plate	...for bevelling the under-side of plate

Operates at 6.5 feet (2 meters) per minute

WITH ADUSTABLE BEVELLING HEAD TO PRODUCE BEVEL ANGLES 22 1/2˚ THROUGH 55˚

GULLCO
WELDING AND CUTTING



KBM-28-080

HYDRAULIC ADJUSTABLE UNDERCARRIAGE

For easy height adjustment KBM-28® units can be supplied with two types of undercarriages. Both are supplied with Gullco exclusive self-aligning caster wheel assemblies for self-propelled bevelling along the length of the plate, maintaining a uniform bevel and consistent root face. Undercarriage sold separate

KBM-28U® UNDERSIDE BEVELLER

The KBM-28U® is perfect for bevelling the underside of the plate without need for flipping the work piece over. In combination with the KBM-28® efficiency is greatly increased when bevelling both the top and bottom of the plate.

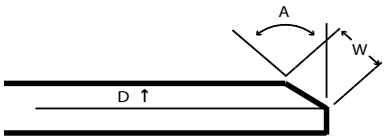
Maximum Bevel Width:	1.10" (28.00 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in2 (45 Kg/mm2)
Maximum Bevel Depth:	0.95" (24.2 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in2 (45 Kg/mm2)
Min. Plate Thickness:	5/16" (8.0 mm)
Max. Plate Thickness:	2" (50.0 mm)
Bevel Speed:	78.7" (200 cm) per minute*
Motor:	3 HP, 3 phase, available for 230, 460 and 575V~ at 60Hz and also 380 and 400/415V~ at 50Hz supply
Weight:	979 lbs. (444Kg.) including undercarriage assembly
Complies With:	C.S.A./N.R.T.L. (File # LR 35006-6) and C.E. Regulations

* Top speed can vary depending on bevel depth, voltage and frequency fluctuation

Accessories available:
- KBM-28-X1C: Medium Tooth Cutter (smooth finish)
- KBM-28-X1H: HighTensile Cutter
- GBM-28 (Specify Degree Required): Angle Bevel Pins for angles other than those supplied as standard)
- GBM-28-0.5: Cutter Shims
- GBM-28-1.0: Cutter Shims
- KBM-28-080: Hydraulic Undercarriage

KBM-28® comes complete with the following standard equipment:
1– KBM-28-X1C Cutter (medium cut)
1- Set Bevel Angle Pins for 22 1/2°, 30°, 37 1/2°, 45°and 55 °
1- Tool Kit

MAXIMUM RECOMMENDED BEVELLING CAPACITIES



BEVEL ANGLE	TENSILE STRENGTH					
	64,000 lbs/in² (45 kg/mm²)		71,000 lbs/in² (50 kg/mm²)		85,000 lbs/in² (60 kg/mm²)	
A	W	D	W	D	W	D
22 1/2˚	1.10" (28 mm)	1.02" (26 mm)	1.02" (26 mm)	0.95" (24 mm)	0.91" (23 mm)	0.84" (21.3 mm)
30˚	1.10" (28 mm)	0.95" (24.2 mm)	0.98 (25 mm)	0.85 (21.6 mm)	0.89" (22.5 mm)	0.77" (19.5 mm)
37 1/2˚	1.06" (27 mm)	0.84" (21.4 mm)	0.98" (25 mm)	0.78" (19.8 mm)	0.83" (21 mm)	0.66" (16.7 mm)
45˚	1.02" (26 mm)	0.72" (18.4 mm)	0.94" (24 mm)	0.67" (17 mm)	0.83" (21 mm)	0.58" (14.9 mm)
55˚	0.98" (25 mm)	0.56" (14.3 mm)	0.91" (23 mm)	0.52" (13.2 mm)	0.83" (21 mm)	0.47" (12 mm)

Distributed by:

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