

**KBM-28® HEAVY DUTY BEVELLING MACHINES****KBM-28® & KBM-28U® Heavy Duty Portable, Self-Propelled Plate Edge**

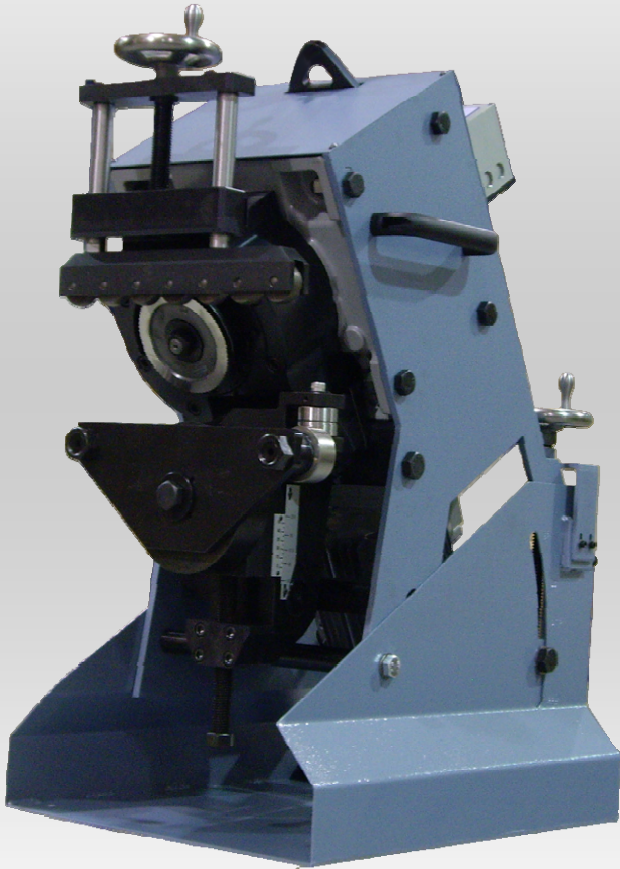
Bevellers produce clean machined bevels with **no thermal distortion** on mild steel, stainless steel and aluminum plate from 5/16" (8.0 mm) to 2" (50.0 mm) thick. The KBM-28U® bevels the underside of plate eliminating the need to flip the workpiece...**reducing time and cost**. Savings are further enhanced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

**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 maintaining a uniform bevel and consistent root face. Sold separate

**Angle Bevel Pins...Enable Bevel Angle Adjustment**

...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.

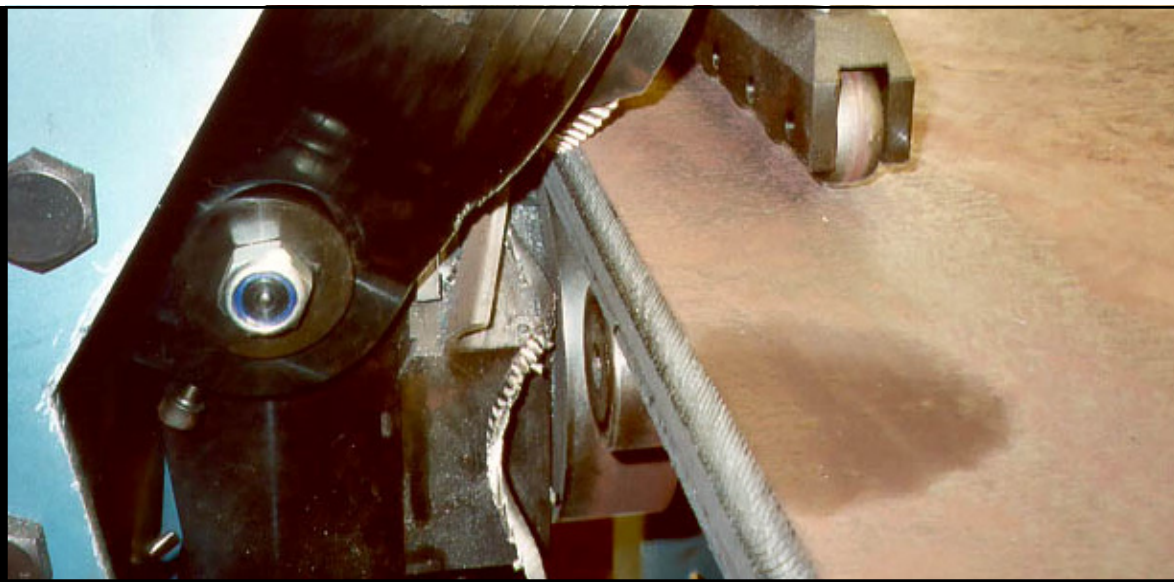
**KBM-28-100****KBM-28®****KBM-28U®**

...for bevelling the top-side of plate

...for bevelling the under-side of plate

**Operates at 6.5 feet (2 meters) per minute\*****WITH ADJUSTABLE BEVELLING HEAD TO PRODUCE BEVEL ANGLES 22 1/2° THROUGH 55°**

WELDING AND CUTTING AUTOMATION



# KBM-28® & 28U Self-Propelled Plate Edge Beveller



**KBM-28-080**

## HYDRAULIC ADJUSTABLE UNDERCARRIAGE

For easy height adjustment

KBM-28 units can be supplied with choice 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-28-002**

Best suited for applications when frequent height adjustments are required.

Adjustable undercarriage supplied with Gullco's adjustable height self-aligning spring-loaded caster wheel assemblies for self-propelled operation. Best suited for applications where constant machine height is required.

- Maximum Bevel Width:** -1.10" (28.00 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in<sup>2</sup> (45 Kg/mm<sup>2</sup>)
- Maximum Bevel Depth:** -0.95" (24.2 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in<sup>2</sup> (45 Kg/mm<sup>2</sup>)
- 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:** -890 lbs. (404Kg.) including undercarriage assembly
- Complies With:** -C.S.A./N.R.T.L. (File # LR 35006-6) and C.E. Regulations

## KBM-28 U

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.



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

### KBM-28® comes complete with the following standard equipment:

- 1- KBM-28-X1C Deep Tooth Cutter (medium cut)
- 1- Set Bevel Angle Pins for 22 1/2°, 30°, 37 1/2°, 45° and 55°
- 1- Tool Kit

### Accessories available:

- KBM-28-X1C: Medium Tooth Cutter (smooth finish)
- KBM-28-X1H: Hi Tensile 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-28-002: Adjustable Undercarriage

## MAXIMUM RECOMMENDED BEVELLING CAPACITIES



Bevel Angle	TENSILE STRENGTH					
	64,000 lbs/in <sup>2</sup> (45 kg/mm <sup>2</sup> )		71,000 lbs/in <sup>2</sup> (50 kg/mm <sup>2</sup> )		85,000 lbs/in <sup>2</sup> (60 kg/mm <sup>2</sup> )	
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" (21.2 mm)
30°	1.10" (28 mm)	0.98" (25 mm)	0.98" (25 mm)	0.85" (21.7 mm)	0.89" (22.5 mm)	0.77" (19.5 mm)
37 1/2°	1.06" (27 mm)	.084" (24.2mm)	0.98" (25 mm)	0.78" (19.8 mm)	0.83" (21 mm)	0.66" (17.7 mm)
45°	1.02" (26 mm)	.072" (18.4mm)	0.94" (24 mm)	0.67" (17 mm)	0.83" (21 mm)	0.58" (14.8 mm)
55°	0.98" (25 mm)	.056" (14.3 mm)	0.91" (23 mm)	0.52" (13.2 mm)	0.83" (21 mm)	0.47" (12 mm)



**KBM-28-100**  
**KBM-28-080**

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- GULLCO INTERNATIONAL LIMITED - CANADA**  
Phone: 905-953-4140 Fax: 905-953-4138 e-mail: sales@gullco.com
- GULLCO INTERNATIONAL INC. - U.S.A**  
Phone: 440-439-8333 Fax: 440-439-3634 e-mail: ussales@gullco.com
- GULLCO INTERNATIONAL (U.K.) LIMITED- EUROPE**  
Phone: +44 1257-253579 Fax: +44 1257-254629 e-mail: sales@uk.gullco.co.uk
- GULLCO INTERNATIONAL PTY LIMITED - AUSTRALIA**  
Phone: 61 (0)7 3348 5515 Fax: 61 (0)7 3348 5510 e-mail: ausales@gullco.com
- GULLCO INTERNATIONAL INDIA PVT LIMITED - INDIA**  
Phone: 91-20-65260382 Fax: 91-20-26836656 e-mail: india.lo@gullco.com
- GULLCO INTERNATIONAL SHANGHAI LIMITED- CHINA**  
Phone: +8621-50460341 Fax: +8621-50463554 e-mail: gsuntech@sh163.net
- GULLCO INTERNATIONAL LIMITED- LATIN AMERICA**  
Phone: 55-11-3584-7936 e-mail: rogerio.macedo@gullco.com
- STUCH GMBH & Co. KG SCWEISSTECHNIK - GERMANY**  
Phone: (02 03) 72 94 95 Fax: (02 03) 72 94 96 e-mail: info@stuch-schweisstechnik.de