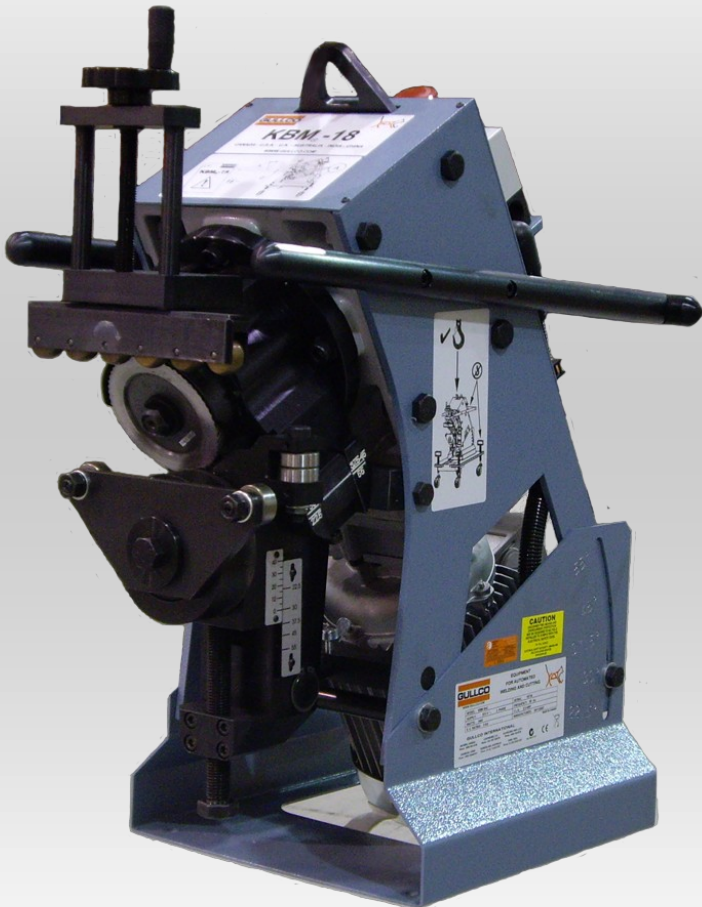




KBM-18® HEAVY DUTY BEVELLING MACHINES



KBM-18-100

Gullco's KBM-18® & KBM-18U® Portable, Self-Propelled Plate Edge Bevelers produce clean machined bevels with **no thermal distortion** on mild steel, stainless steel and aluminum plate from 1/4" (6.0 mm) to 1 1/2" (38.1 mm) thick. Thinner material can be bevelled... consult factory for details. The KBM-18U® bevels the underside of plate eliminating the need to flip the work piece...**reducing time and cost**. Savings are further enhanced when both units are used in applications where both sides of the material require beveling.

Adjustable Undercarriage...For Easy Height Adjustment

The KBM-18® can be purchased with an adjustable height, self-aligning, spring-loaded caster wheel assembly for self-propelled beveling along any length of plate maintaining a uniform bevel and consistent root face. Undercarriage sold separate.

Angle Bevel Pins...Enable Bevel Angle Adjustment

...KBM-18® 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-18®

KBM-18U®

...for beveling the top-side of plate

...for beveling the under-side of plate

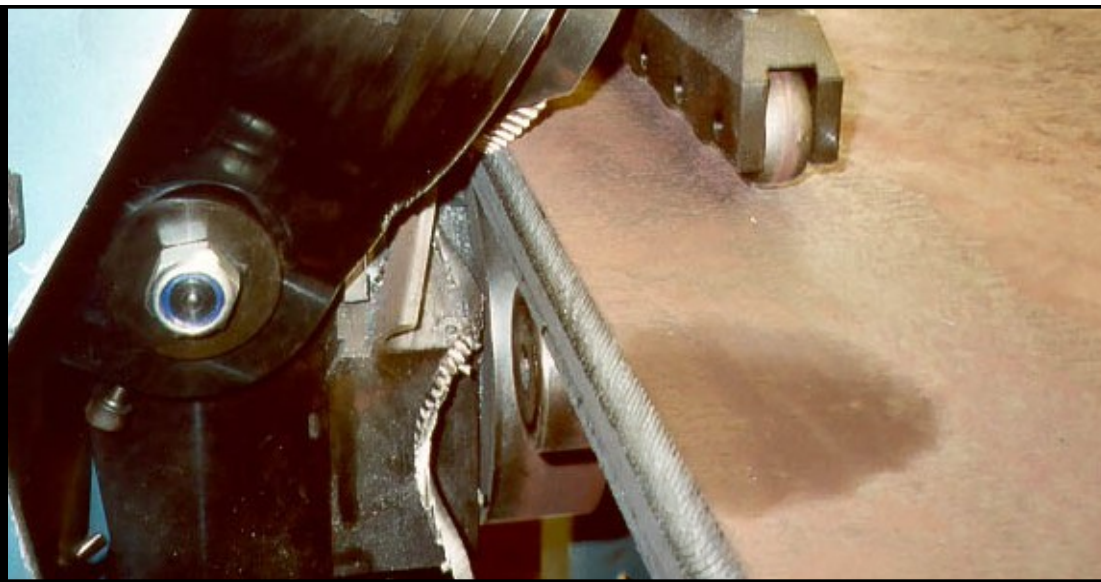


Operates at 10 feet (3 meters) per minute

WITH ADJUSTABLE BEVELLING HEAD TO PRODUCE BEVEL ANGLES 22 1/2° THROUGH 55°



WELDING AND CUTTING AUTOMATION



KBM-18® & 18U Self-Propelled Plate Edge Beveller

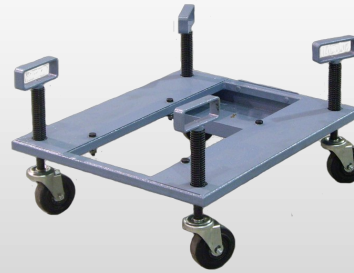


KBM-18U

KBM-18U UNDERSIDE BEVELLING

The KBM-18U is perfect for beveling the underside of the plate without need for flipping the work piece over.

In combination with the KBM-18 efficiency is greatly increased when beveling both the top and bottom of the plate. Safety is also increased as there is no need for constant maneuvering of heavy workloads.



KBM-18-069

CASTER SPRING LOADED ADJUSTABLE UNDERCARRIAGE

Adjustable undercarriages come 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. The spring-loaded wheels help to eliminate imperfections in the ground to ensure a clean consistent bevel. Sold separate.

Maximum Bevel Width:	0.71" (18.00 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Maximum Bevel Depth:	0.61" (15.6 mm) at standard 30° bevel angle on material with a tensile strength of 64,000 lb/in ² (45 Kg/mm ²)
Min. Plate Thickness:	1/4" (6.0mm) Thinner material can be bevelled...consult factory for details
Max. Plate Thickness:	1 1/2" (38.1 mm)
Bevel Speed:	120 in. (304.8 cm) per minute*
Motor:	2HP, 3 phase, available for 230, 460 and 575V~ at 60Hz and also 380 and 400/415V~ at 50Hz supply
Weight:	340 lbs. (154Kg.) 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

KBM-18® comes complete with the following standard equipment:

- 1- KBM-18-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:

- Gullco KBM-18-069 Adjustable Height Undercarriage
- KBM-18-X1C: Medium Tooth Cutter (smooth finish)
- KBM-18-X1H: Hi Tensile Cutter
- GBM-18(Specify Degree Required): Angle Bevel Pins for angles other than those supplied as standard
- GBM-18-0.5: Cutter Shims
- GBM-18-1.0: Cutter Shims

MAXIMUM RECOMMENDED BEVELLING CAPACITIES



Bevel Angle	TENSILE STRENGTH					
	64,000 lbs/in ² (45 kg/mm ²)		71,000 lbs/in ² (50 kg/mm ²)		85,000 lbs/in ² (60 kg/mm ²)	
A	W	D	W	D	W	D
22 1/2°	0.71" (18 mm)	0.65" (16.6 mm)	0.63" (16 mm)	0.58" (14.8 mm)	0.55" (14 mm)	0.51" (13 mm)
30°	0.71" (18 mm)	0.61" (15.6 mm)	0.63" (16 mm)	0.55" (13.9 mm)	0.55" (14 mm)	0.48" (12.1 mm)
37 1/2°	0.67" (17 mm)	0.53" (13.5mm)	0.59" (15 mm)	0.47" (11.9 mm)	0.51" (13 mm)	0.41" (10.3 mm)
45°	0.63" (16 mm)	0.45" (11.3mm)	0.55" (14 mm)	0.39" (9.9 mm)	0.47" (12 mm)	0.33" (8.5 mm)
55°	0.59" (15 mm)	0.34" (8.6 mm)	0.51" (13 mm)	0.29" (7.5 mm)	0.43" (11 mm)	0.25" (6.3 mm)



KBM-18-069
KBM-18-100

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