

Portable Bevelling Machines





UNDERSIDE PLATE BEVELLING MACHINES - KBM-18U®





These plate bevellers 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. Please consult the factory for details. The KBM-18U® automatically bevels the underside of plate eliminating the need to flip the work piece which results in a reduction of time and cost. Savings are further enhanced when the KBM-18® top-side plate beveller is used in applications where both sides of the material require bevelling.

Adjustable undercarriage for easy height adjustment. The KBM-18U® can be purchased with a hydraulic 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.

Angle Bevel Pins Enable Bevel Angle Adjustment ... KBM-18U® units are supplied with angle bevel pin for 30°. 22 1/2°, 37 1/2°, 45° and 55° bevels angle pins sold seperately. Pins for other bevel angles are available upon request.

KBM-18U®

KBM-18®

...bevelling the under-side of the plate

...bevelling the top-side of the plate

Operates at 10 feet (3 meters) per minute

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







HYDRAULIC ADJUSTABLE UNDERCARRIAGE

For easy height adjustment KBM-18U® units can be supplied with two types of undercarriage. both are supplied with gullco exclusive self-aligning caster wheel assemblies to maintaining a uniform bevel and consistent root face. undercarriage sold separate



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

KBM-18-080

Maximum Bevel Width: 0.71" (18.00 mm) at standard 30° bevel angle on material with a tensile strength of

64,000 lb/ in2 (45 kg/mm2)

Maximum Bevel Depth: 0.61" (15.6 mm) at standard 30° bevel angle on material with a tensile strength of

64,000 lb/ in 2 (45 kg/mm2)

Min. Plate Thickness: 1/4" (6.0mm) Thinner material can be bevelled, consult the factory for details

Max. Plate Thickness: 1 1/2" (38.1 mm)

Bevel Speed: 120 in. (304.8 cm) per minute*

2 hP, 3 Phase, available for 230, 460 and 575v~ at 60hz and also 380 Motor:

and 400/415v~ at 50hz supply

Weight: 340 lbs. (154 kg.) including undercarriage assembly

Complies With: C.S.A./n.r.T.I. (File # Ir 35006-6) and C.E. regulations

KBM-18® TOPSIDE BEVELLER

The KBM-18® is perfect for bevelling the topside of the plate without need for flipping the work piece over. Safety is increased as there is no need for constant maneuvering of heavy workloads.

Production can

further be increased with use of both models simultaneously.

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

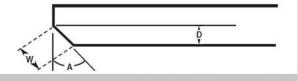
KBM-18U® can be supplied with the following standard equipment:

- 1- KBM-18-X1C Deep Tooth Cutter (medium cut)
- 1- Set Bevel Angle Pins for 22 1/2°, 37 1/2°, 45° and 55°

AccESoriES AvAilAblE:

- KBM-18-069 Adjustable Height Undercarriage KBM-18-X1C: Medium Tooth Cutter (smooth finish)
- KBM-18-X1H: high 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 CAPACITY**



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)	
Α	W	D	W	D	W	D
22 1/2°	0.71" (18 mm)	0.66" (16.6 mm)	0.67" (17 mm)	0.62" (15.7. mm)	0.55" (14 mm)	0.51" (13 mm)
30°	0.71" (18 mm)	0.61" (15.6 mm)	0.59" (15 mm)	0.51" (13 mm)	0.51" (13 mm)	0.44" (11.2 mm)
37 1/2°	0.67" (17 mm)	0.53" (13.5 mm)	0.55" (14 mm)	0.44" (11.1 mm)	0.47" (11.9 mm)	0.37" (9.5 mm)
45°	0.67" (17 mm)	0.47" (12 mm)	0.55" (14 mm)	0.39" (9.9 mm)	0.47" (11.9 mm)	0.33" (8.4 mm)
55°	0.59" (15 mm)	0.34" (8.6 mm)	0.55" (14 mm)	0.32" (8 mm)	0.47" (11.9 mm)	0.27" (6.8 mm)



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PLATE EDGE BEVELLING MACHINE - KBM-18®





KBM-18-100

KBM-18® Plate Edge Bevellers - Portable - Self Propelled

These plate bevellers 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. Please consult the factory for details. The KBM-18® automatically bevels the topside of the plate which results in a reduction of time and cost. Savings are further enhanced when the KBM-18U® underside plate beveller is used in applications where both sides of the material require bevelling.

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 bevelling 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 pin for 30°. 22 1/2°, 37 1/2°, 45° and 55° bevels angle pins sold seperately. Pins for other bevel angles are available upon request.

KBM-18_®

KBM-18U_®

...for bevelling the top-side of plate

...for bevelling 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°







KBM-18-080

HYDRAULIC ADJUSTABLE UNDERCARRIAGE

For easy height adjustment KBM-18® units can be supplied with two types of undercarriage. Both are supplied with Gullco exclusive self-aligning caster wheel assemblies to maintaining a uniform bevel and consistent root face. Undercarriage sold separate



ADJUSTABLE UNDERCARRIAGE

CASTER SPRING LOADED

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.

KBM-18U® UNDERSIDE BEVELLING

maneuvering of heavy workloads.

Production can further be increased with use of both models simultaneously.

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/mm2)

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/mm2)

Min. Plate Thickness: 1/4" (6.0mm) Thinner material can be bevelled, consult the factory for details

Max. Plate Thickness: 1 1/2" (38.1 mm)

Bevel Speed: 13' (4 m) 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

ACCESORIES AVAILABLE:

- Gullco KBM-18-069 Adjustable Height Undercarriage

The KBM-18U®

is perfect for

bevelling the underside of the

plate without need for flipping

the work piece over. Safety is

increased as

for constant

there is no need

- KBM-18-X1C: Medium Tooth Cutter (smooth finish)
- KBM-18-X1H: High 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

KBM-18® can be supplied with the following standard equipment:

- 1- KBM-18-X1C Deep Tooth Cutter (medium cut)
- 1- Set Bevel Angle Pins for 22 1/2°, 37 1/2°, 45° and 55°

MAXIMUM RECOMMENDED BEVELLING CAPACITIES



BEVEL ANGLE	TENSILE STRENGTH					
BEVEL ANGLE	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°	0.71" (18 mm)	0.66" (16.6 mm)	0.67" (17 mm)	0.62" (15.7. mm)	0.55" (14 mm)	0.51" (13 mm)
30°	0.71" (18 mm)	0.61" (15.6 mm)	0.59" (15 mm)	0.51" (13 mm)	0.51" (13 mm)	0.44" (11.2 mm)
37 1/2°	0.67" (17 mm)	0.53" (13.5 mm)	0.55" (14 mm)	0.44" (11.1 mm)	0.47" (11.9 mm)	0.37" (9.5 mm)
45°	0.67" (17 mm)	0.47" (12 mm)	0.55" (14 mm)	0.39" (9.9 mm)	0.47" (11.9 mm)	0.33" (8.4 mm)
55°	0.59" (15 mm)	0.34" (8.6 mm)	0.55" (14 mm)	0.32" (8 mm)	0.47" (11.9 mm)	0.27" (6.8 mm)



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UNDERSIDE PLATE BEVELLING MACHINE - KBM-28U®





KBM-28U® Underside Plate Edge Beveller - Heavy Duty

These Plate 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 the plate eliminating the need to flip the workpiece which results in a reduction of time and cost. Savings are further enhanced when both topside and underside units are used when both sides of a work piece require bevelling.

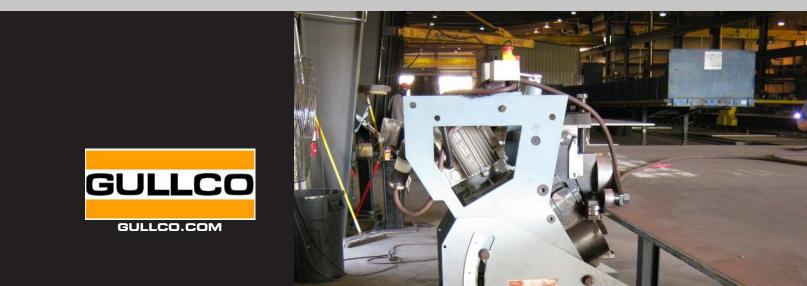
Adjustable undercarriages for easy height adjustment. The KBM-28U® units can be purchased with Gullco's hydraulic adjustable height, self-aligning undercarriage for self-propelled bevelling along any length of plate maintaining a uniform bevel and consistent root face. Sold separate

Angle Bevel Pins Enable Bevel Angle Adjustment ... KBM-28U® units are supplied with angle bevel pin for 30°. 22 1/2°, 37 1/2°, 45° and 55° bevels angle pins sold seperately. Pins for other bevel angles are available upon request.



Operates at 6.5 feet (2 meters) per minute

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





HYDRAULIC ADJUSTABLE UNDERCARRIAGE

For easy height adjustment KBM-28U® units can be supplied with an undercarriage. This undercarrage uses 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-28-100

The KBM-28® is perfect for bevelling the topside of the plate without need for flipping the work piece over. In combination with the KBM-28U® 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

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)

78.7" (200 cm) per minute* Bevel Speed:

3 HP, 3 phase, available for 230, 460 and 575V~ at 60Hz and also 380 and 400/415V~ at 50Hz supply Motor:

Weight: 890 lbs. (404Kg.) including undercarriage assembly

C.S.A./N.R.T.L. (File # LR 35006-6) and C.E. Regulations Complies With:

KBM-28U® can be supplied with the following standard equipment:

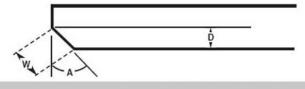
- 1- KBM-28-X1C Deep Tooth Cutter (medium cut)
- 1- Set Bevel Angle Pins for 22 1/2°, 37 1/2°, 45° and 55°
- 1- Tool Kit



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-28-002: Adjustable Undercarriage

MAXIMUM RECOMMENDED BEVELLING CAPACITIES



BEVEL ANGLE	TENSILE STRENGTH					
BEVELANGLE	64,000 lbs/in² (45 kg/mm²)		71,000 lbs/in² (50 kg/mm²)		85,000 lbs/in² (60 kg/mm²)	
А	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)



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



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 Adjustment ... KBM-28® units are supplied with angle bevel pin for 30°. 22 1/2°, 37 1/2°, 45° and 55° bevels angle pins sold seperately. Pins for other bevel angles are available upon request.

...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°





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*

3 HP, 3 phase, available for 230, 460 and 575V~ Motor:

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

KBM-28® can be supplied with the following standard equipment:

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



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

MAXIMUM RECOMMENDED **BEVELLING CAPACITIES**



BEVEL ANGLE	TENSILE STRENGTH					
BEVELANGLE	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)



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