



# BEVEL

**MOBILE AND PORTABLE**

# BEVELLING

**PLATE BEVELLERS**

**PIPE BEVELLERS**

**CUT AND BEVEL**



BEVEL s.r.o. carries world's widest variety of bevelling machines and bevelling equipment. Use our plate bevellers and pipe bevellers whenever perfect quality of welding is required.

The technical team designing and manufacturing BEVEL bevellers have experience with bevelling since 1992.

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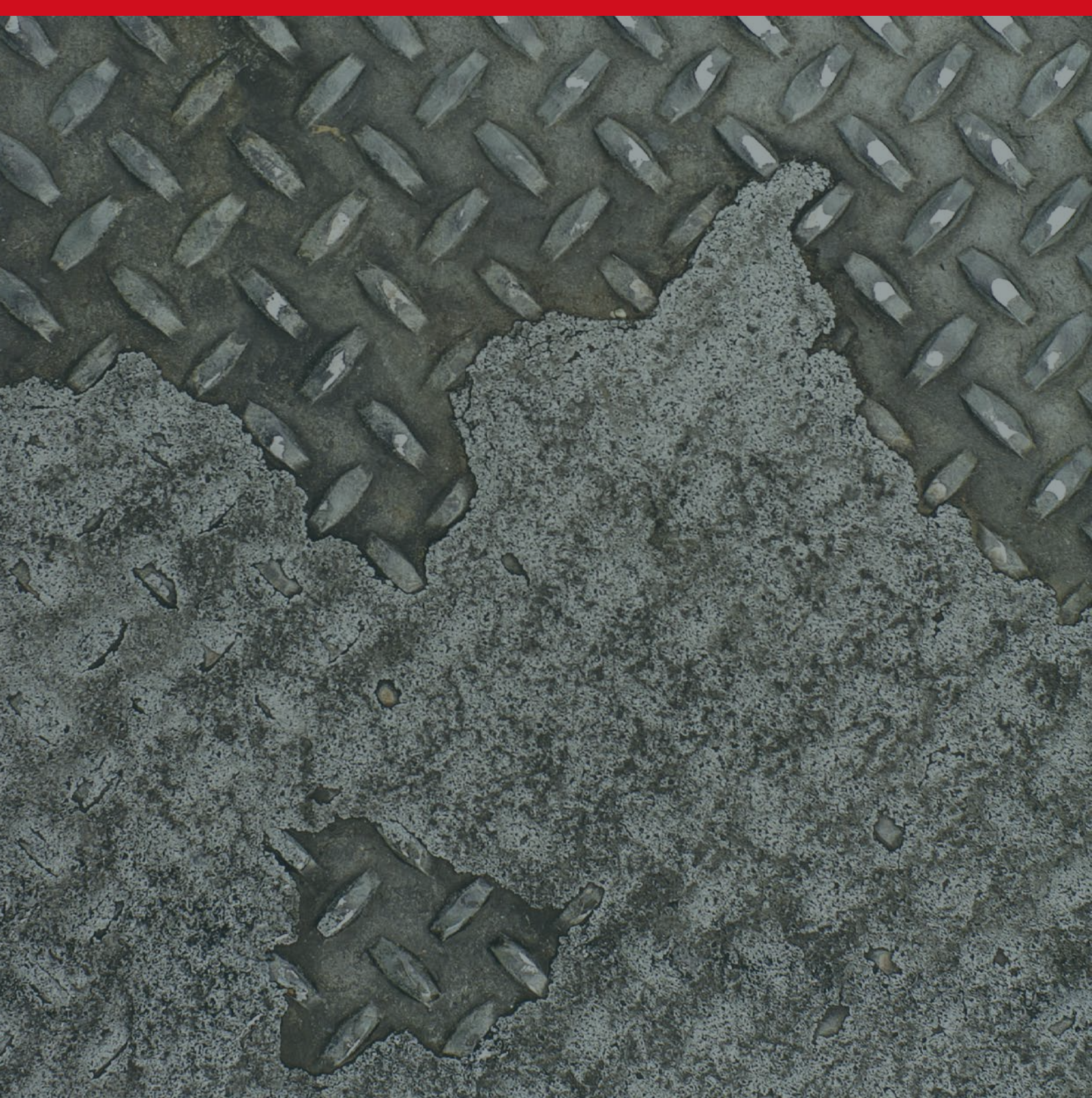
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# PLATE BEVELLERS



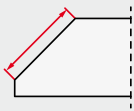
# PURMILL

## KEY POINTS

- > Powerful
- > For hard materials
- > Automatic feeding
- > Roughness elimination
- > Available in upside-down version

## TECHNICAL FEATURES

Maximum bevel width	50 mm
Bevelling angle	15°–60°
Plate thickness	6–60 mm (possible extension up to 120 mm)
Bevelling speed	0–1.6 m/min
Motor power	4 kW
Voltage	400 V / 50 Hz, 3-phase
Motor idle speed	820 rpm (opt. 300–1500 rpm)
Tooling	9 changeable inserts; 80 mm diameter
Machine weight (incl. trolley)	230 kg



Maximum bevel width 50 mm

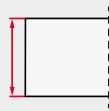


Plate thickness 6–60 mm



Bevelling angle 15°–60°



Motor idle speed 820 rpm



PURMILL is a very powerful plate beveller that can bevel virtually any hardness of steel including titanium, hardox, weldox and inconel. This machine can achieve a bevel width up to 50 mm at a bevelling angle between 15° and 60°. PURMILL will bevel plates with thickness from 6 to 60 mm. PURMILL is designed for bevelling straight edges but accepts some curved edges as well. Its unique bevelling system achieves a mirror finish as the machine is moving along the plate at variable speeds by means of two propelling wheels. It is equipped with sensors which stop the rotation of the milling tool when it reaches the end of the plate. PURMILL has built in a roughness elimination system that deals with plate thickness imperfections.

An upside down version of PURMILL is available for beveling the bottom sides without the need to flip the plate over.

As an optional accessory the PURMILL can also be equipped with a special speed regulating device which helps to achieve the most precise result in terms of quality end efficiency. It can be installed directly into the control unit or purchased extra.



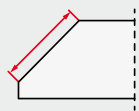
# HURDMILL

## KEY POINTS

- > Ultra-powerful
- > High quantities
- > Self-feeding system
- > Can bevel very hard materials
- > Available in upside-down version

## TECHNICAL FEATURES

Maximum bevel width	80 mm
Bevelling angle	10°–70°
Plate thickness	6–120 mm
Motor Power	4 kW
Voltage	400 V / 50 Hz, 3-phase
Motor idle speed	820 rpm (opt. 300–1500 rpm)
Tooling	9 changeable inserts; 80 mm diameter
Machine weight	288 kg



Maximum bevel width 80 mm

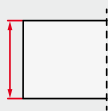


Plate thickness 6–120 mm



Bevelling angle 10°–70°



Motor idle speed 820 rpm



HURDMILL is an ultra-powerful beveler that is designed to remove high quantities of material. Bevelling is done by a milling head rotating at a high speed of 820 rpm. The milling head is fitted with 9 inserts which are sharp on all four sides. Bevelling of virtually all types of steel and alloys (such as Duplex, Superduplex, Hastelloy etc.) is possible due to special bevelling accessories.

This machine can bevel plates of thicknesses up to 120 mm. The maximum bevel width is 80 mm and the bevelling angle has a standard range of 10°–70°. For other bevelling angles special versions can be considered.

HURDMILL has a self-feeding system and no fixed installation is needed. What makes the bevelling process even more flexible for the user is the possibility of moving this beveler on its incorporated trolley throughout your factory; open-air bevelling such as on construction sites is also possible. The working height can be adjusted within the range of 800 mm to 1 100 mm. The Upside-Down version of HURDMILL was developed to bevel the lower side of plates without the need to flip the plate over.



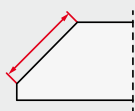
# ULTRAMILL

## KEY POINTS

- > Extremely powerful
- > For the hardest materials
- > Automatic feeding system
- > Plate thickness up to 120 mm
- > Roughness elimination
- > Facing, clad removal, J bevel

## TECHNICAL FEATURES

Maximum bevel width	80 mm
Bevelling angle	0°–90°
„J“ Bevelling angle	0°–30°
Plate thickness	6–120 mm (extension possible)
Bevelling speed	0–1.6 m/min
Motor Power	3 kW
Voltage	400 V / 50 Hz, 3-phase
Motor idle speed	100–820 rpm
Tooling	9 changeable inserts; 80 mm diameter
Machine weight (incl. trolley)	250 kg



Maximum bevel width 80 mm

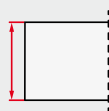


Plate thickness 6–120 mm



Bevelling angle 0°–90°



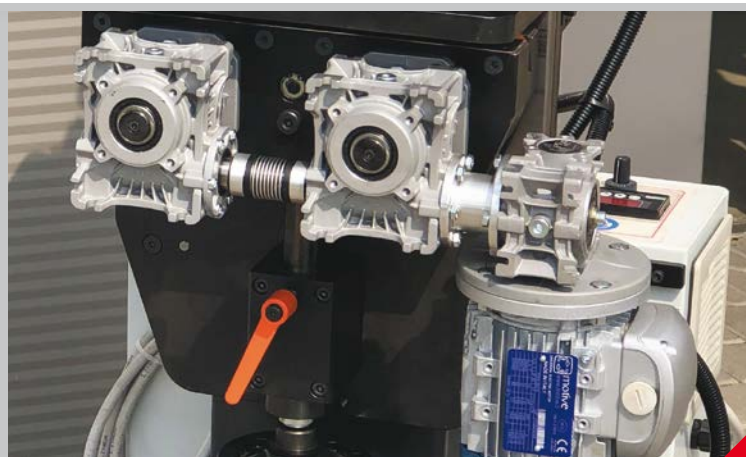
Motor idle speed 100–820 rpm



ULTRAMILL is extremely powerful new-generation plate beveller, equipped with an adjustable head allowing to set the machine according to any customer's requirements. This machine can bevel plates of thicknesses up to 120 mm and is able to achieve a bevel width of 80 mm. It can perform clad removal, do bevelling at any angle as well as facing of the plate (at 0 degrees).

Its unique bevelling system allows you to achieve a mirror finish with no physical effort of the operator, as the machine is moving along the plate at variable speeds by means of two propelling wheels. ULTRAMILL is equipped with sensors which stop the machine once it reaches the end of the plate. It also has a roughness elimination system which helps in case of plate thickness unevenness.

The engine gives you power of 3 kW and the milling tool rotation speed can be regulated between 100 to 820 RPM; which comes in handy when bevelling extremely hard materials. The maximum bevelling speed is 1.6 m/min.



# ULTRAMILL ROTO

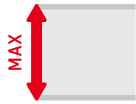


Plate thickness  
**6–120 mm**



Beveling angle  
**0°–90°**



Maximal bevel width  
**80 mm**



Upper



Bottom



J-bevel



Facing



Clad removal

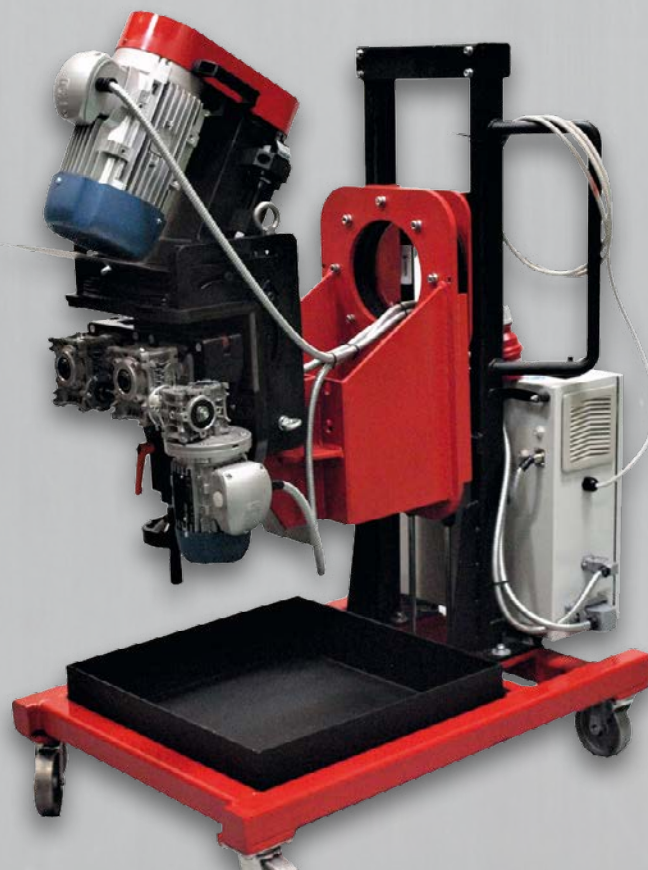
CAN BEVEL  
**HARD ALLOYS**  
*HARDOX®*

HIGH  
**PRODUCTIVITY**

MOBILE  
BEVELLER  
**SAVES  
HANDLING  
COST**

**MIRROR  
FINISH**

**PERFECT  
WELD-PREP  
WITH NO  
THERMAL  
DISTORTION**



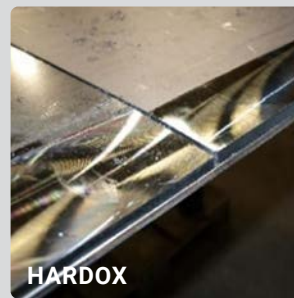




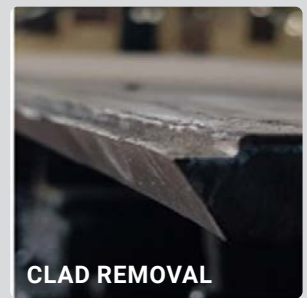
J-BEVEL



DOUBLE-SIDED



HARDOX



CLAD REMOVAL

**The most versatile plate beveller in the marketplace. Uncompromising / Flawless quality of finish.**

**By simply changing the milling head or its position you can make different types of bevels including J-bevel and clad removal.**

### MAIN FEATURES

- > Automatic traveling machine specially designed for chamfering before welding as well as for finishing jobs
- > Upper edge and bottom edge bevelling – fast and easy changeover by a simple turn of the machine
- > Suitable also for hard alloys such as Hardox, titanium, duplex, stainless steel, just as for aluminium and cast iron
- > Maximum bevel width up to 80 mm with mirror finish (extensions possible)
- > Continuous (fluent) set up of bevel angle 0° to +90° (upper side), 0° to -90° (bottom side)
- > Standard plate thickness up to 120 mm (extensions possible)
- > Panel with adjustable cutting speed (300–1500 RPM) and feeding speed 0–1,5 m/min
- > Adjustment of machine height
- > Worktable extension for bevelling of small pieces available (optional)

### TECHNICAL FEATURES

Maximum bevel width	40 mm
Bevelling angle	15°–60°
Plate thickness	6–60 mm
Bevelling speed	0–1.6 m/min
Motor Power	3 kW
Voltage	400 V / 50 Hz, 3-phase
Motor idle speed	800 rpm
Tooling	9 changeable inserts; 80 mm diameter
Machine weight (incl. trolley)	210 kg



### POSSIBLE MODIFICATION OF THE MACHINE



WORKTABLE FOR SMALL PIECES



BEVELLING AT 50° INCLINED POSITION



130 MM WIDE BEVEL

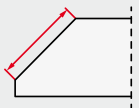
# SHEELITE

## KEY POINTS

- > Self-gripping system
- > Noiseless
- > Also for curved edges
- > In some cases suitable for pipes

## TECHNICAL FEATURES

Maximum bevel width	6 mm
Bevelling angle	22.5°, 25°, 30°, 35°, 37.5° and 45°
Plate thickness	3–16 mm
Bevelling speed	1.6 m/min
Minimal width of bevelled plate	55 mm
Motor Power	0.55 kW
Voltage	400 V / 50 Hz, 3-phase
Tooling	shearing tool
Machine weight	45 kg



Maximum bevel width 6 mm

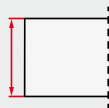


Plate thickness 3–16 mm



Minimal plate width 55 mm



Bevelling angle 22.5°, 25°, 30°, 35°, 37.5° and 45°



SHEELITE is a fast, noiseless and effortless plate beveller that operates using a self-gripping system. It can bevel plates with a thickness from 3 to 16 mm with a maximum bevel width of 6 mm. The bevelling angle can be set to 22.5°, 25°, 30°, 35°, 37.5° or 45°, different bevelling angles can be changed using angle variation devices. SHEELITE is designed for bevelling of straight or curved ( $R > 1000$ ) edges.

Bevelling is very easy as the machine either feeds small pieces through its bevelling device, or with larger and heavier plates it grips on the plate and its bevelling tool propels the machine along the plate. The bevelling speed is 1.6 m/min. Bevelling is virtually noiseless. The machine's weight is only 45 kg. Some simple types of outside bevel can even be performed on pipes.



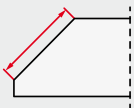
# SHEEZER

## KEY POINTS

- > Noiseless
- > Self-gripping
- > Very quick
- > Can bevel the lower edge
- > Straight / lightly curved edges

## TECHNICAL FEATURES

Maximum bevel width	12 mm
Bevelling angle	22.5°, 25°, 30°, 35°, 37.5°, 45° and 55°
Plate thickness	6–40 mm
Bevelling speed	2.6 m/min
Minimal width of bevelled plate	60 mm
Motor Power	2.2 kW
Voltage	400 V / 50 Hz, 3-phase
Tooling	shearing tool
Machine weight	65 kg



Maximum bevel width 12 mm

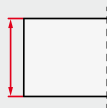


Plate thickness 6–40 mm



Minimal plate width 60 mm



Bevelling angle 22.5°, 25°, 30°, 35°, 37.5°, 45° and 55°



SHEEZER is a fast, noiseless and effortless plate beveller that operates using a self-gripping system. SHEEZER is designed for bevelling of straight or curved ( $R > 1000$ ) shaped edges. It can bevel plates with a thickness from 6 to 40 mm and can achieve maximum bevel width of 12 mm. The bevelling angle can be selected from following degrees: 22.5°, 25°, 30°, 35°, 37.5°, 45°, 55°. Different bevelling angles can be changed using different angle variation devices. For bevelling of the lower edge of the plate, SHEEZER can be simply turned upside down and work in the inverted position.

Bevelling is very easy as the machine either feeds small pieces through its bevelling device, or with larger and heavier plates it grips on the plate and its bevelling tool propels the machine along the plate. Bevelling is very quick due to maximal bevelling speed of 2.6 m/min and is virtually noiseless. Some simple types of outside bevel can even be performed on pipes.



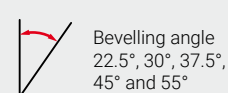
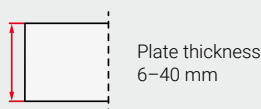
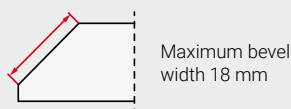
# SPEDANGLE

## KEY POINTS

- > Easy change of bevelling angle
- > Noiseless
- > Optional rotary system
- > Two speeds
- > Can bevel edges with radius
- > Can bevel pipes
- > Available in upside-down version

## TECHNICAL FEATURES

Maximum bevel width on carbon steel	18 mm
Bevelling angle	22.5°, -30°, -37.5°, -45°, -55°
Plate thickness	6–40 mm
Bevelling speed	1.5 and 3.0 m/min
Minimal width of bevelled plate	70 mm
Motor Power	0.8 kW
Voltage	400 V / 50 Hz, 3-phase
Tooling	shearing tool
Machine weight	104 kg



SPEDANGLE is a plate beveller that operates using a self-gripping and self-feeding system. It can bevel large plates as well as smaller flat pieces by means of a rotating shearing-milling tool. SPEDANGLE can bevel plates with a thickness from 6 – 40 mm and a bevelling angle of 22.5°, 30°, 37.5°, 45° and 55°. The change of bevelling angle is quick and easy without the need to purchase any additional accessories. The maximum achievable bevel width is 18 mm on carbon steel and 15 mm on stainless steel and depending on the bevelling angle.

Bevelling is very easy as the machine either feeds small pieces (of min. 7 mill width) through its bevelling device, or with larger and heavier plates it grips on the plate and its bevelling tool propels the machine along the plate.

The machine is supplied with a set of wheels for easier manipulation or an optional hydraulic trolley, settable in height, which can be ordered extra. The machine has a two-speed system. It can bevel at the speed of 1.5 m/min or 3.0 m/min. SPEDANGLE can bevel plates with convex radii  $R > 1,000$  mm and concave radii  $R > 5,000$  mm. No special accessory is needed for bevelling of pipes. The minimum inside diameter of pipe is 125 mm.

SPEDANGLE has the ability to bevel the upper side of the plate, as well as the lower one. For large amounts of bevelling on the lower edge an inverted model, SPEDANGLE-UpD, is available. For customers with occasional need of upper and bottom side plate we offer solution in form of rotary system to be easily set to required side. This option saves cost for another machine and so does the storage space.



# 3 MILLING BENCH BEVELLERS

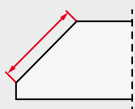
## VEEZY

### KEY POINTS

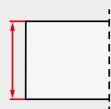
- > For various materials
- > Can bevel radius
- > Effortless
- > Ideal for great quantities
- > Ideal for small pieces

### TECHNICAL FEATURES

Maximum bevel width	10 mm
Bevelling angle	15°–45°
Plate thickness	unlimited
Radius	R2, R3, R4
Motor Power	0.75 kW
Motor idle speed	2 900 rpm
Voltage	230/400 V (3-phase), 50/60 Hz
Tooling	12 changeable inserts
Machine weight	52 kg



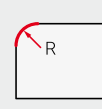
Maximum bevel width 10 mm



Unlimited plate thickness



Bevelling angle 15°–45°

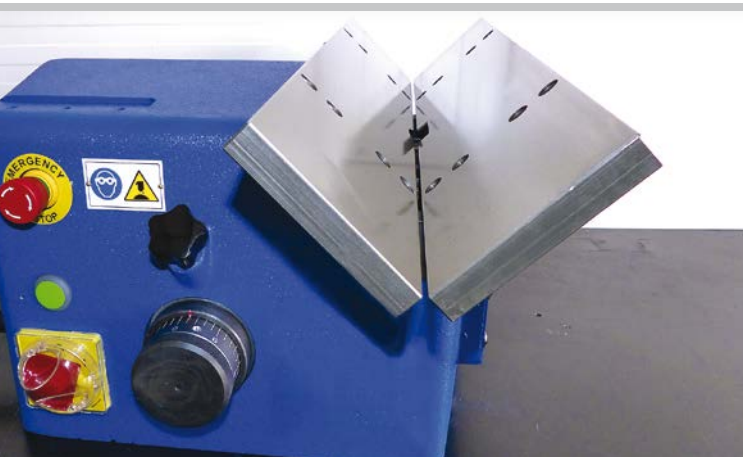


Radius R2, R3, R4



VEEZY is a compact bench-fixed beveler capable of bevelling steel and cast iron or aluminium, brass and plastic. The beveler is ideal for bevelling long strips of great quantities or small pieces quickly and effortlessly. This machine can bevel plates of unlimited thickness at a settable bevel angle between 15° and 45°, and maximum bevel width of 10 mm. VEEZY machine is usually used on plates starting on 3 mm of thickness. The machine can also perform radius (R2–R4) when required. An automatic feeding system can be purchased as an additional accessory.

**The cutter of the machine can be moved sideways, which allows for the whole width of each side of the inserts to be used, when bevelling small bevels.**



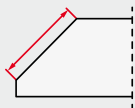
# VEERIO

## KEY POINTS

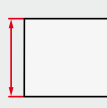
- > Designed for small pieces
- > For various materials
- > Adjustable speed
- > V-shaped plate guide
- > Perfect alignment

## TECHNICAL FEATURES

Maximum bevel width	10 mm
Bevelling angle	45°
Plate thickness	unlimited
Bevelling speed	1.1–3 m/min
Motor Power	0.75 kW
Motor idle speed	0–6000 rpm
Voltage	230/400 V (3-phase), 50/60 Hz
Tooling	7 changeable inserts
Machine weight	57 kg



Maximum bevel width 10 mm



Unlimited plate thickness



Motor idle speed 0–6000 rpm



Bevelling angle 45°



VEERIO beveler has a V-shaped plate guide for perfect alignment of the bevelled piece against the bevelling tool. This machine is designed to bevel straight edges of small pieces.

Adjustable speed variator enables the beveler to adapt to different kinds of bevelled material and improves VEERIO's performance also on resistant types of steel; aluminium, acrylic and some other types of hard plastics. VEERIO can bevel plates of unlimited thickness at an angle of 45° with maximum bevel width of 10 mm. An automatic feeding device can be added, as an optional system.



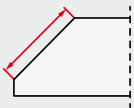
# INCURV

## KEY POINTS

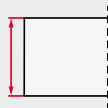
- > Easy bevelling of curved edges and holes
- > For various materials
- > Optionally can perform radius
- > Adjustable speed
- > Can be easily converted into Veerio

## TECHNICAL FEATURES

Maximum bevel width	curved edge 3 mm straight edge 10 mm
Bevelling angle	45°
Plate thickness	unlimited
Motor Power	0.75 kW
Voltage	220 V, 50 Hz – single phase 230/400 V, 50 Hz – 3-phase
Motor idle speed	0–6000 rpm
Tooling	spindle-type milling tool
Machine weight	75 kg



Maximum bevel width  
curved edge – 3 mm  
straight edge – 10 mm



Unlimited plate  
thickness



Motor idle speed  
0–6000 rpm



Bevelling angle 45°



INCURV beveller is designed to bevel plates of curved edges and spots with difficult accessibility, both convex and concave. Bevelled pieces are placed on the platform base and then manually pushed along the milling spindle. Bevels with straight sections are to be performed with a straight bevel milling tool, radius section can be performed with a radial milling tool. The adjustable speed of the motor enables the beveller to adapt to different kinds of bevelled material, not only steel but also aluminium, acrylic or hard plastic.

The maximum bevel width is 3 mm using the spindle at a bevel angle of 45°. The thickness of the plate is unlimited. INCURV beveller can also be converted to VEERIO plate beveller which is capable of performing up to 10 mm bevel width on straight edges.



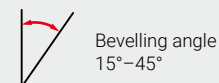
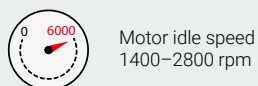
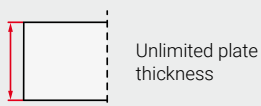
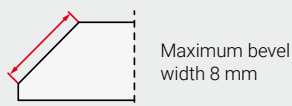
# FEADER

## KEY POINTS

- > Powerful
- > Automatic feeding system
- > Effortless
- > For large quantities

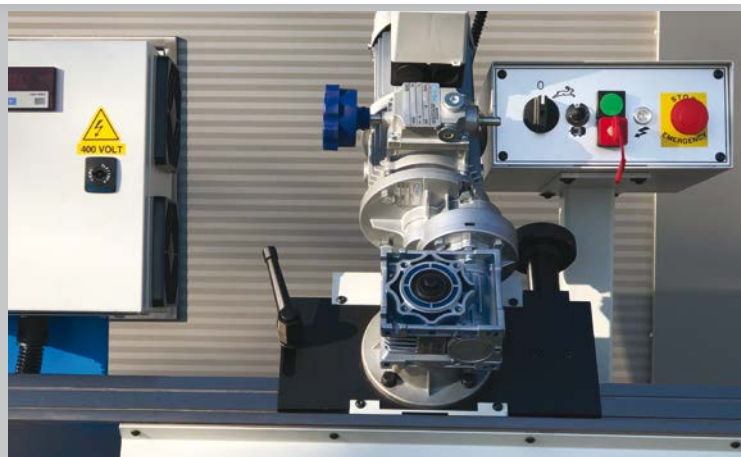
## TECHNICAL FEATURES

Maximum bevel width	8 mm
Bevelling angle	15°–45°
Plate thickness	unlimited
Motor Power	2.2 kW
Voltage	400 V / 50 Hz, 3-phase
Motor idle speed	1400–2800 rpm
Machine weight	210 kg



FEADER is a powerful beveler ideal for bevelling long strips of great quantities as well as small pieces quickly and effortlessly thanks to the beveller's V-shaped guides, while automatic feeding system allows moving the bevelled piece. This machine can bevel plates of unlimited thickness at bevel angles between 15° and 45° and a maximum bevel width of 8 mm.

**Manual input of the material is perfectly suitable for this beveller and at the same time can provide some economical savings.**







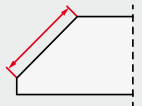
# RADIMAX

## KEY POINTS

- > Various materials
- > Can bevel pipes
- > Hand-held
- > Electronic. regulated speed
- > Straight and curved edges

## TECHNICAL FEATURES

Maximum bevel width	16 mm
Bevelling angle	22.5°, 30°, 37.5°, 45°, 55°, 60°
Plate thickness	min. 1.5 mm
Radius	R2, R3, R4, R5
Motor Power	2.2 kW
Voltage	230 V / 50 Hz or 110 V / 60 Hz
Motor idle speed	1 800–5 850 rpm
Machine weight	10 kg



Maximum bevel width 16 mm

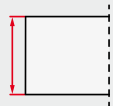
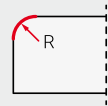


Plate thickness min. 3 mm



Radius R2, R3, R4, R5



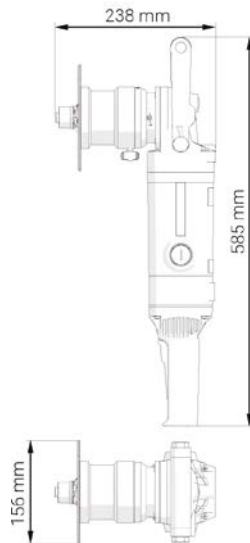
Bevelling holes from 40 mm dia



Curved edges



Bevelling angle 22.5°, 30°, 37.5°, 45°, 55°, 60°

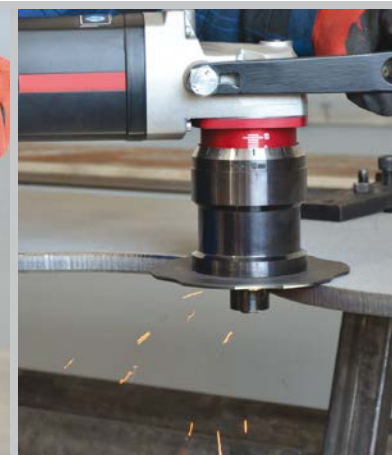


RADIMAX is an easy to use hand-held beveling machine with electric drive. It can bevel plates of unlimited thickness. The maximum bevel width is 16 mm and the bevelling angle can be set up to 22.5°, 30°, 37.5°, 45°, 55° or 60° simply by changing the toolholder.

The standard machine comes with one toolholder and customers are invited to buy toolholders for different angles in accordance with their needs. The beveller can be used to bevel straight edges as well as on curved shapes and holes from 38 mm in diameter. Mirror finish will be achieved on most material types.

RADIMAX has electronically regulated speed of rotation for various materials such as steel, aluminium, stainless steel and plastic. Thanks to its compactness and light weight, RADIMAX is suitable for using in places with limited access and for bevelling short edges.

**The design allows straight edges, contours and cut-outs to be bevelled with ease.**



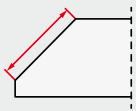
# MAXCLINE

## KEY POINTS

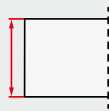
- > Unlimited thickness
- > Heaviest industrial requirements
- > Allows to bevel radius
- > Can bevel various materials
- > High quality and smooth surface
- > Can bevel pipes

## TECHNICAL FEATURES

Maximum bevel width	21 mm
Bevelling angle	0°–60°
Plate thickness	unlimited
Motor Power	1.1 kW
Voltage	230 V / 50 Hz or 110 V / 60 Hz
Motor idle speed	2 820 rpm
Tooling	10 inserts sharp on all four sides
Machine weight	20 kg



Maximum bevel width 21 mm



Unlimited plate thickness



Bevelling angle 0°–60°



Bevelling pipes with min. 160 mm dia

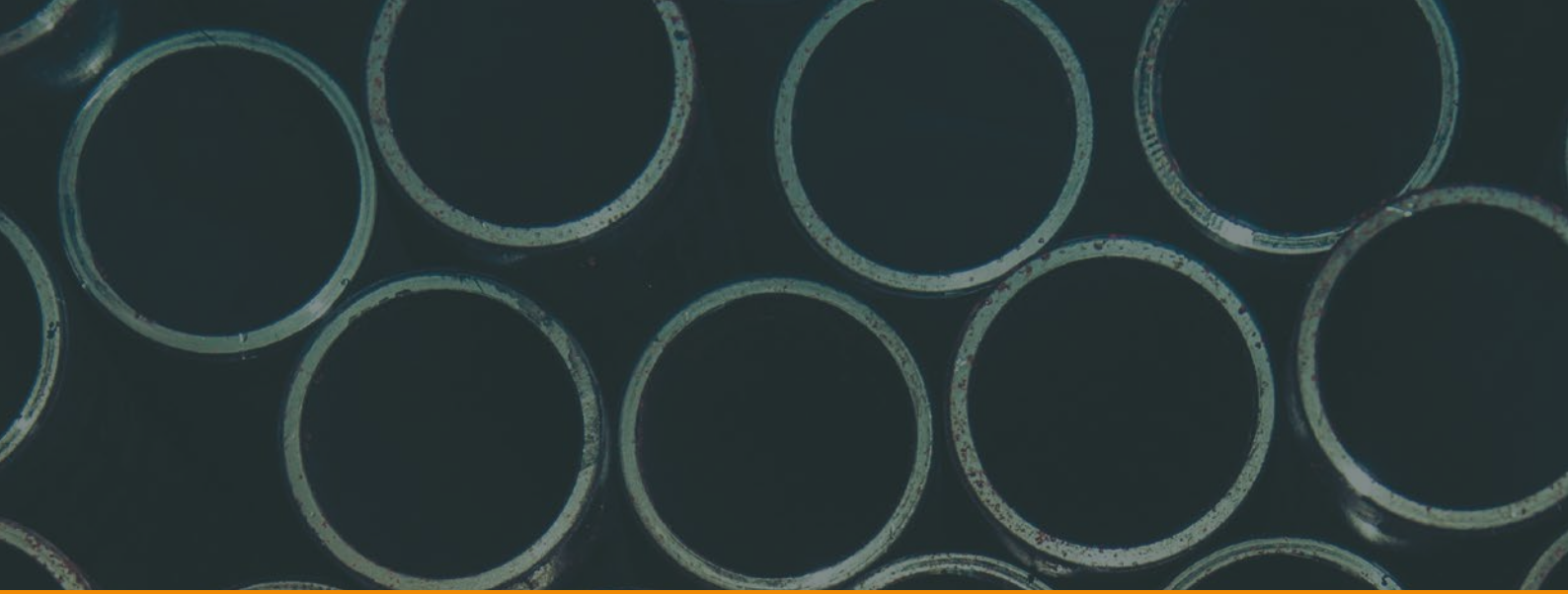


MAXCLINE is a hand-held beveling machine with electric drive designed for heavy duty jobs. It can bevel plates of unlimited thickness with a maximum bevel width of 21 mm. This beveller is capable of continuous work even when the heaviest industrial requirements are applied, and the machine is pushed close to its limit most of the time.

This machine is used in production of steel construction and for bevelling strips and panels for energetic industry and chassis of trucks. The bevelling angle is 0° - 60° and can be changed quickly and easily. The bevelling is done by a cutter with 10 changeable inserts sharp on all four sides. This beveller makes high quality bevels with constant bevel width, root face and smooth surface.

MAXCLINE can bevel steel and cast-iron. Pipe bevelling can be performed on pipes from a diameter of 150 mm. Facing can be performed with optional accessories. The machine is equipped with one roller on each side which make pushing along the plate easier.





# PIPE BEVELLERS

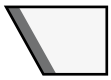


# LITEA

## KEY POINTS

- > Lightweight
- > For the smallest diameters
- > Quick and smooth
- > Can be used in pipe walls
- > Available with auto-lock

## TYPES OF BEVEL



Outside bevel



Inside bevel



Facing

## TECHNICAL FEATURES

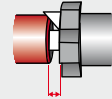
	ELECTRIC	PNEUMATIC
Locking range	20–42 mm, 0.78"–1.65"	
Extended locking range	12.5–21 mm	
Axial feed	23 mm	
Noise level	75 dB	
Idle speed	250 rpm	245 rpm
Motor power	0.72 kW	0.435 kW
Voltage	110 V / 240 V, 50 Hz	-
Compressed air consumption	-	440 l/min
Compressed air pressure	-	6 bar
Weight	5.5 kg	4.8 kg



Locking range  
20–42 mm



Locking range  
with reduced shaft  
12.5–21 mm



Axial feed  
23 mm



Chuck diameter  
67 mm



LITEA is a lightweight pipe beveller applicable on the smallest pipe diameters. This machine is locked from the inside and performs an inside bevel, outside bevel and facing simultaneously, quickly and smoothly. A locking diameter can be set to 20–42 mm with a single shaft; optionally can be locked in a pipe from 12.5 mm ID using the reduced shafts. The machine's weight is only 5.5 kg.

Bevelling of plastic pipes is possible with special locking jaws. Bevelling blades for virtually any application can be suggested. The machine is also available with an optional pneumatic auto-locking device. LITEA can be supplied with either a pneumatic or electric drive. Fully automatic version LITEAMAT is available for customers requiring repetitive bevels.

PNEUMATIC



ELECTRIC

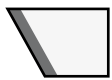


# FLATZ

## KEY POINTS

- > Smallest diameters
- > Lightweight
- > Quick and smooth
- > Ideal with limited access
- > Designed for pipe walls

## TYPES OF BEVEL



Outside bevel



Inside bevel



Facing

## TECHNICAL FEATURES

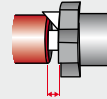
	ELECTRIC	PNEUMATIC
Locking range	20–39 mm, 0.78"–1.53"	
Extended locking range	12.5–21 mm	
Axial feed	20 mm	
Noise level	75 dB	
Idle speed	250 rpm	210 rpm
Torque	45 Nm	20 Nm
Motor power	0.67 kW	0.28 kW
Voltage	110 V / 240 V, 50 Hz	-
Compressed air consumption	-	440 l/min
Compressed air pressure	-	6 bar
Weight	5 kg	4 kg



Locking range  
20–39 mm



Locking range  
with reduced shaft  
12.5–21 mm



Axial feed  
20 mm



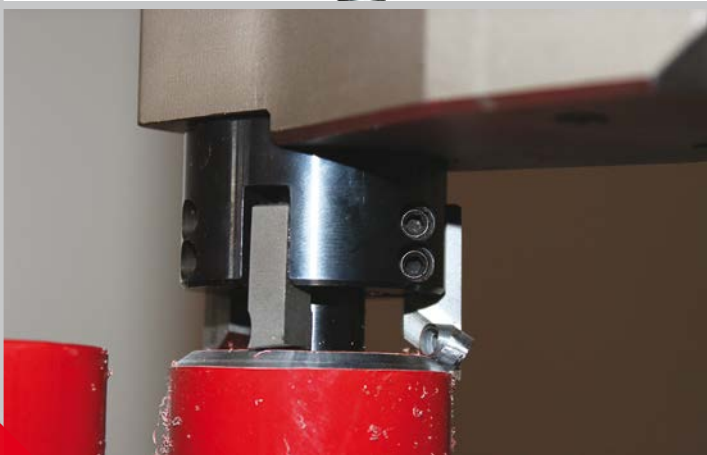
Chuck diameter  
40 mm



FLATZ is a light-weight pipe beveller with pneumatic drive for the smallest pipe diameters. The machine is developed specially for use in pipe walls and for repairing boilers. Thanks to its unique body design, head diameter of 40 mm and special feeding system this machine can be used in pipe walls and windows with space as narrow as 40 mm.

This machine is locked from the inside and is able to perform an inside bevel, outside bevel and facing simultaneously, quickly and smoothly. The locking diameter can be set to 20–39 mm with a standard shaft, or it is possible to use it in pipes starting at 12,5 mm ID using an optional reduced shaft.

With its weight of only 5 kg and small dimensions, FLATZ is ideal for bevelling in areas with limited access. Bevelling blades for most common applications can be suggested. The machine is supplied with either an electric or pneumatic drive.

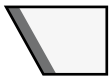


# RAX

## KEY POINTS

- > Quick and precise
- > Universal, robust and extremely powerful
- > Best for application on 2–3" pipes

## TYPES OF BEVEL



Outside bevel



Inside bevel



Facing

## TECHNICAL FEATURES

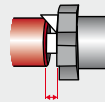
	ELECTRIC	PNEUMATIC
Locking range	28–76 mm (20), 1.1"–3"	
Extended locking range	20–30 mm	
Axial feed	40 mm	
Noise level	75 dB	
Idle speed	75 rpm	110 rpm
Torque	82 Nm	56 Nm
Motor power	0.8 kW	-
Voltage	110 V / 240 V, 50 Hz	-
Compressed air consumption	-	950 l/min
Compressed air pressure	-	6 bar
Weight	9 kg	8 kg



Locking range  
28–76 mm



Locking range  
with reduced shaft  
20–30 mm



Axial feed  
40 mm



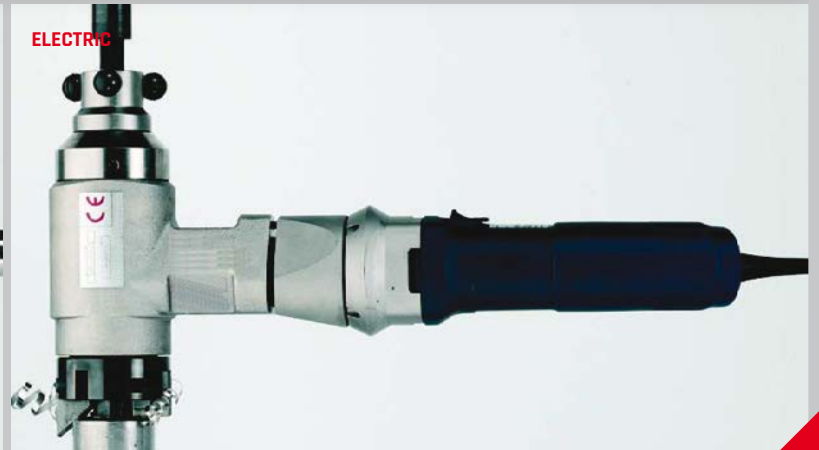
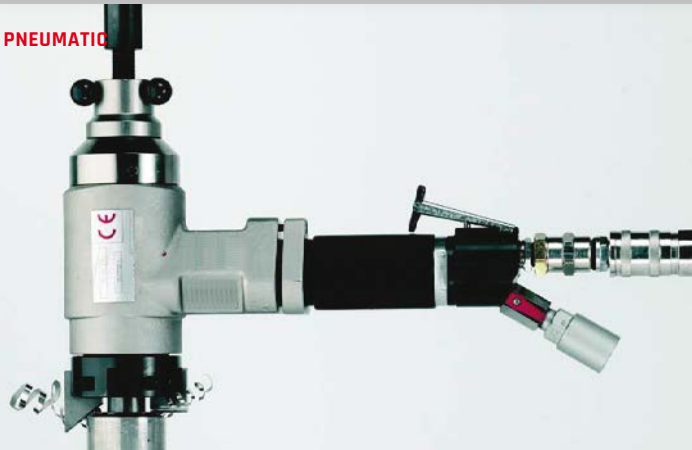
Chuck diameter  
80 mm



RAX is a pipe beveller with pneumatic drive best for application from 2" to 3" pipes of all schedules. This machine is locked to the pipe from the inside and performs an inside bevel, outside bevel and facing simultaneously, quickly and smoothly.

The locking diameter is 28 – 76 mm ID; RAX can be also fitted with a reduced shaft which enables it to be locked into pipes starting from 20 mm ID. RAX is a popular, universal, robust and powerful machine widely used in building and maintenance of power generation equipment.

Bevelling blades for most common applications can be suggested. RAX is similar to the 4PACT beveller except for the fact the 4PACT has two shafts instead of one as a standard accessory. This machine is also available with a pneumatic auto-locking device. RAX can be supplied either with a pneumatic or electric motor.

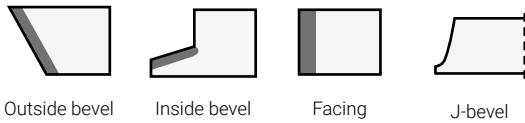


# 4PACT

## KEY POINTS

- > Wide range
- > Handy and versatile
- > No limit to wall thickness
- > Two shafts
- > Quick and smooth

## TYPES OF BEVEL



## TECHNICAL FEATURES

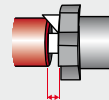
	ELECTRIC	PNEUMATIC
Locking range	23–108 mm, 0.9"–4.25"	
Chuck diameter	115 and 80 mm	
Axial feed	40 mm	
Noise level	75 dB	
Idle speed	70 rpm	
Torque	143 Nm	140 Nm
Motor power	0.8 kW	-
Voltage	240 V / 50 Hz	-
Compressed air consumption	-	1 600 l/min
Compressed air pressure	-	6 bar
Compressed air quality	-	filtered and lubricated
Hose connection	-	3/4"
Weight	10 kg	9 kg



Locking range  
23–108 mm



Heavy walled  
pipes



Axial feed  
40 mm



Chuck diameter  
115 and 80 mm

## PNEUMATIC



4PACT is a pipe beveling machine for beveling pipes and tubes with inside diameters of 23 mm to 108 mm. The main advantage of the 4PACT is its considerably wide range in its class, therefore it can be used for pipes with various diameters.

This beveller is locked in the pipe by means of three locking jaws; the machine is capable of performing an inside bevel, outside bevel and facing simultaneously, quickly and smoothly. Beveling angles are changed by using different blades; we can supply blades of virtually any shape (compound bevels, J-bevels, counter boring etc.).

4PACT is a handy and versatile beveller with a flattened body width of only 80 mm. The machine is ideal for beveling pipes with diameters between 2" and 4" with no limit to the wall thickness (multiple passes may be required). 4PACT is similar to the RAX machine except for the fact that the 4PACT comes with two shafts instead of one. This machine is available with either a pneumatic or electric drive.

## ELECTRIC



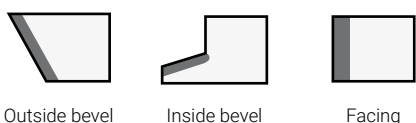


# 4PACT AUTO

## KEY POINTS

- > Wide range
- > Automatic locking, rotation and feeding
- > Multi shaft
- > Designed for tube sheets production
- > Handy and versatile

## TYPES OF BEVEL



Outside bevel

Inside bevel

Facing

## TECHNICAL FEATURES

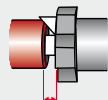
Locking range	23–108 mm
Chuck diameter	115 and 80 mm
Axial feed	40 mm
Noise level	75 dB
Idle speed	70 rpm
Torque	140 Nm
Compressed air consumption	1 600 l/min
Compressed air pressure	6 bar
Compressed air quality	filtered and lubricated
Hose connection	3/4"
Weight	15 kg



Locking range  
23–108 mm



Heavy walled  
pipes



Axial feed  
40 mm



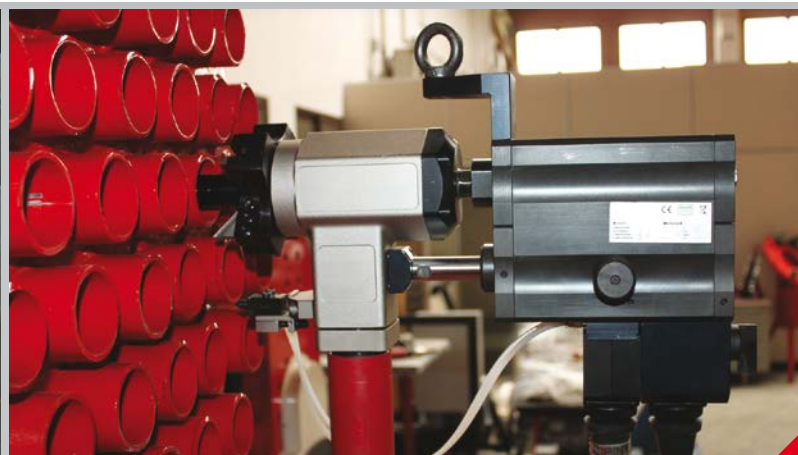
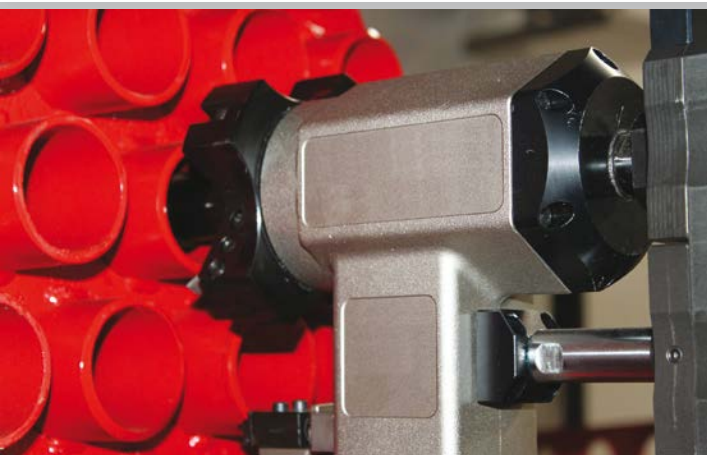
Chuck diameter  
115 mm and 80 mm



4PACT AUTO is designed for tube sheet bevelling or any pipe bevelling in greater quantities. Its operation is simple and automatic. After set up, the operator can easily execute repetitive operations by means of foot switch, considerably increasing speed of execution thanks to its pneumatic system of auto-locking, auto-rotation and auto-feeding.

4PACT AUTO is a pipe bevelling machine with pneumatic drive for bevelling pipes and tubes with inside diameters of 23 mm to 108 mm. This beveller is locked into the pipe by three pneumatically operated locking jaws and is capable of performing an inside bevel, outside bevel and facing simultaneously, quickly and smoothly.

The bevelling angle can be adjusted by changing of the blade; bevelling blades for most common use are available, others can be custom made in accordance with customer's requirements.

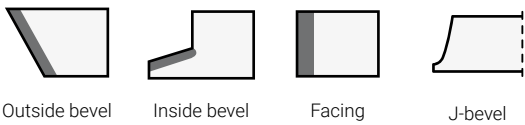


# ENERGLIX

## KEY POINTS

- > Heavy duty tube-bevelling
- > No vibrations
- > Robust
- > Bevels smoothly
- > Usually bevells in single pass

## TYPES OF BEVEL



## TECHNICAL FEATURES

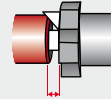
	ELECTRIC	PNEUMATIC
Locking range	39–104 mm, 1.53"–4.1"	
Axial feed	40 mm	
Noise level	75 dB	
Idle speed	70 rpm	
Torque	245 Nm	180 Nm
Motor power	1.02 kW	-
Voltage	110 V / 240 V, 50 Hz	-
Compressed air consumption	-	1 600 l/min
Compressed air pressure	-	6 bar
Weight	18 kg	17 kg



Locking range  
39–104 mm



Heavy walled  
pipes



Axial feed  
40 mm



Chuck diameter  
126 mm

## PNEUMATIC



ENERGLIX is a heavy-duty pipe-bevelling machine performing bevells on heavy walled pipes. It is locked into the bevelled pipe by three locking jaws. The robust gears of the ENERGLIX allow the beveller to make bevells on heavy-wall pipes usually in a single pass (sometimes more than one pass may be required depending on the bevel size and material hardness).

The ENERGLIX beveller can also be available with a pneumatic auto-locking device. The toolholder can be fitted with up to four blades at the same time; therefore, you are able to do external bevel, internal bevel and facing in one operation. Blades of virtually any shape and angle can be provided; J-bevells, compound bevells, spot-facing etc. ENERGLIX can be supplied with either a pneumatic or electric drive.

Optionally an elbow locking shaft can be supplied covering range of 46–103 mm.



## ELECTRIC

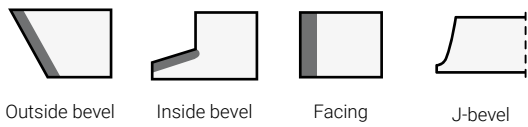


# SHAVEDGER

## KEY POINTS

- > Very powerful
- > Wide range
- > For various materials
- > Bevels smoothly
- > Usually bevels in single pass

## TYPES OF BEVEL



## TECHNICAL FEATURES

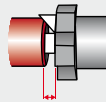
	ELECTRIC	PNEUMATIC
Locking range	49–203 mm	
Head diameter	220 mm	
Axial feed	40 mm	
Noise level	75 dB	
Idle speed	34 rpm	52 rpm
Torque	264 Nm	250 Nm
Motor power	1.02 kW	-
Voltage	110 V / 240 V, 50 Hz	-
Compressed air consumption	-	1 800 l/min
Compressed air pressure	-	6 bar
Compressed air quality	-	filtered and lubricated
Weight	25 kg	24 kg



Locking range  
49–203 mm



Heavy walled  
pipes



Axial feed  
40 mm



Chuck diameter  
220 mm



Electric 25 kg  
Pneu 24 kg



SHAVEDGER is the most powerful hand-held pipe beveling machine. The beveller is able to perform bevels on heavy wall tubes smoothly. Usually the bevel is done in a single pass (depending on the bevel size and material hardness, sometimes two passes may be needed). SHAVEDGER has four slots for blades and these can be fitted with various numbers and types of blades.

The machine will also make bevel of virtually any shape depending on the blade. Its gleason gear pinion system and reinforced shafts make it an ideal beveller for thick walled tubes in the diameter range between 2" - 8" on various materials.

This machine is locked to the pipe from the inside by three locking jaws and is capable of performing an inside bevel, outside bevel and facing simultaneously, quickly and smoothly. The locking diameter is 49 - 203 mm. This machine is available with an electric and pneumatic drive. SHAVEDGER can be also fitted with a pneumatic auto-locking device.



# PLOHMAX

## KEY POINTS

- > Powerful
- > Quick and smooth
- > Can bevel special materials
- > Used in oil, nuclear and chemical industries

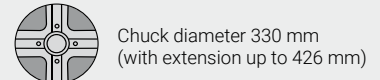
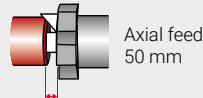
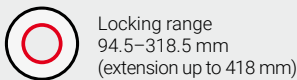
## TYPES OF BEVEL



Outside bevel    Inside bevel    Facing    J-bevel

## TECHNICAL FEATURES

	ELECTRIC	PNEUMATIC	HYDRAULIC
Locking range	94.5–318.5 mm (extension possible up to 418 mm)		
Axial feed	50 mm		
Noise level	75 dB		
Idle speed	17 rpm	19 rpm	18 rpm
Torque	230 Nm	180 Nm	180 Nm
Motor power	2.2 kW	2.2 kW	5.0 kW
Voltage	110 V / 230 V, 50 Hz	-	-
Air consumption	-	1 800 l/min	-
Air pressure	-	6 bar	-
Oil flow rate	-	-	30 l/min
Oil pressure	-	-	100 bar
Weight	80 kg	80 kg	80 kg



PLOHMAX is a very powerful beveller used for extreme wall thicknesses and special materials. Its internal locking range is 94.5–318.5 mm diameter of the bevelled pipe. This machine is locked into bevelled pipes from the inside by means of three robust triangular locking jaws with 6 gripping surfaces. PLOHMAX is capable of performing an inside bevel, outside bevel and facing simultaneously, quickly and smoothly.

The bevel is usually done in a single pass (depending on bevel size and material hardness, sometimes multiple passes may be required). Virtually any bevel of any shape and size can be produced, including some J-bevels, compound bevels, internal boring etc.

Bevelling blades for most common applications are carried in stock, others can be tailor made in accordance with customer's needs. This model is often used in nuclear and chemical industries. It is possible to extend the range of PLOHMAX up to 418 mm ID. This machine can be supplied with an electric, pneumatic and hydraulic drive.

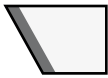


# TOPTORQ

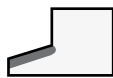
## KEY POINTS

- > Extreme torque
- > Heavy duty
- > Quick and smooth
- > Wide range
- > For pipes with great wall thickness

## TYPES OF BEVEL



Outside bevel



Inside bevel



Facing



J-bevel

## TECHNICAL FEATURES

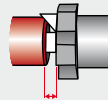
	PNEUMATIC	HYDRAULIC
Locking range	180–504 mm (extension possible up to 590 mm)	
Axial feed	50 mm	
Noise level	75 dB	
Idle speed	11 rpm	15 rpm
Motor power	2.94 kW	5.0 kW
Air consumption	2 700 l/min	-
Air pressure	6 bar	-
Air quality	filtered and lubricated	-
Oil flow rate	-	30 l/min
Oil pressure	-	100 bar
Weight	245 kg	245 kg



Locking range  
180–504 mm  
(extension up to 590 mm)



Heavy walled  
pipes



Axial feed  
50 mm



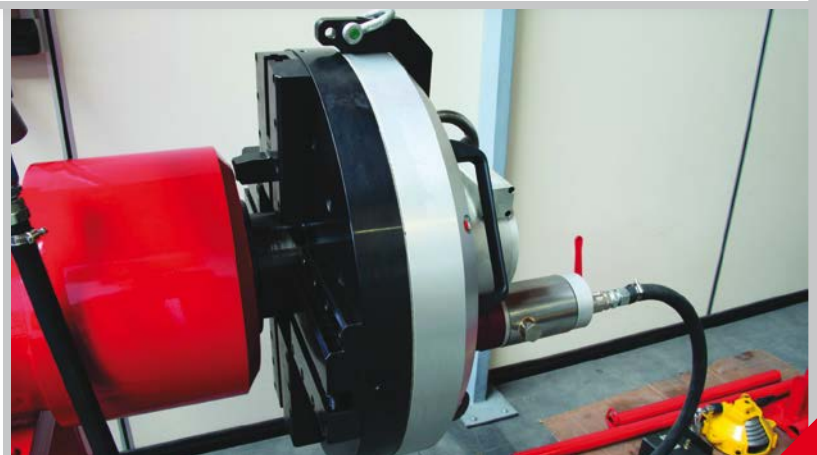
Chuck diameter 550 mm  
(with extension up to 630 mm)



TOPTORQ is a heavy-duty beveling machine; one of the most powerful and with the highest torque on the market of beveling machines with a frontal beveling tool and axial feed. It is used for beveling pipes with inside diameter of 180 to 504 mm. This machine is locked in a bevelled pipe from the inside by a system of robust locking rods and is capable of inside bevel, outside bevel and facing simultaneously, quickly and smoothly.

TOPTORQ performs frontal bevels also on heavy wall tubes smoothly and sometimes even in a single pass, depending on the bevel size and material hardness; in other cases multiple passes may be required. This technique provides fast and efficient beveling.

Virtually any bevel shape can be produced using TOPTORQ, including J-bevels, compound bevels and boring. We can suggest beveling blades for most common applications, or we can produce special blades based on your specific needs. This machine is available with a pneumatic and hydraulic drive. It is also possible to provide extensions to extend the machine's range up to 24".

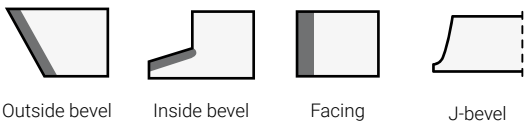


# ULTRATORQ

## KEY POINTS

- > Maximum capacity 36"
- > Any material
- > Fast and efficient
- > Semi-automatic locking mechanism
- > Ovality compensation

## TYPES OF BEVEL



Outside bevel

Inside bevel

Facing

J-bevel

## TECHNICAL FEATURES

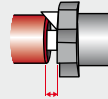
	PNEUMATIC	HYDRAULIC
Inside diameter	465–997 mm	
Outside diameter	508–1016 mm	
Axial feed	100 mm	
Noise level	75 dB	
Idle speed	6 rpm	14 rpm
Torque	2 492 Nm (6 bar) 4 658 Nm (8 bar)	6 200 Nm
Compressed air consumption	2 800 l/min	-
Compressed air pressure	6–8 bar	-
Oil flow rate	-	64 l/min
Oil pressure	-	140 bar
Weight	870 kg	870 kg



Inside locking range  
465–997 mm



Heavy walled  
pipes



Axial feed  
100 mm

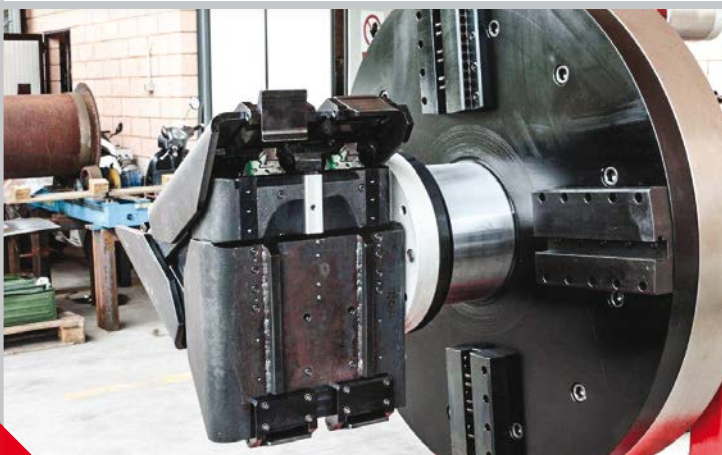


Chuck diameter  
1100 mm



ULTRATORQ is the newest and largest addition to the range of BEVEL's pipe bevellers. It brings all the advantages of ID locked machines and is capable of bevelling pipes up to 36" in diameter. As all machines locked from the inside, ULTRATORQ provides very fast an efficient way of performing bevels on pipes between 20" and 36" (508–937 mm); it can prepare external bevel, internal bevel and facing, all done simultaneously in one operation.

In addition to all standard features of smaller ID locked machines it has a semi-automatic hydraulic locking system and new unique adjusting toolholder that enables the machine to work on pipes even when they are oval or have deformities on them. Cutting blades are available for all standard profiles of bevels including various J bevels; and other blades of virtually any size and shape can be made on request.



# LITEGRIP

## KEY POINTS

- > Outside clamping
- > Limited space
- > Pipe edges

## TYPES OF BEVEL



Outside bevel



Inside bevel



Facing

## TECHNICAL FEATURES

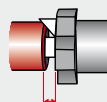
	ELECTRIC	PNEUMATIC
OD locking range	10.3–48.3 mm	
Stroke	30 mm	
Noise level	75 dB	
Idle speed	360 rpm	215 rpm
Motor power	720 W	435 W
Max Chuck torque	14 Nm	6.8 bar
Motor power	0.72 kW	0.72 kW
Air consumption	-	615 l/min
Compressed air pressure	-	6–8 bar
Air hose connection	-	1/2"
Weight	10 kg	10 kg



OD locking range  
10.3–48.3 mm



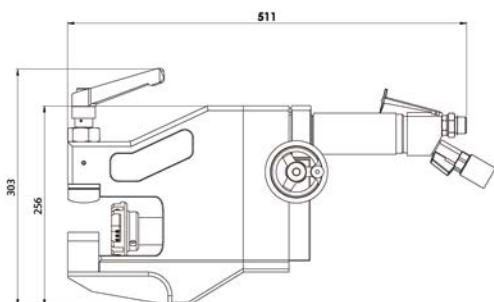
Srážení hran  
na plyných tyčích



Axial feed  
30 mm



Chuck diameter  
40 mm



LITEGRIP is a special version of the popular SLIMGRIP pipe beveller with reduced range. It is locked from the outside on pipes with up to 48.3 OD. Thanks to the fixed and movable outer fitting comes very handy at membrane walls, during applications of very small inside diameter and limited space between the inner wall and clamping shaft.

For safe and comfortable machine operation, it is possible to position the driving unit along the tube axis or perpendicularly to it. LITEGRIP is available in pneumatic and electric version.



# SLIMGRIP

## KEY POINTS

- > External clamping
- > For limited space between pipes
- > Comfortable use

## TYPES OF BEVEL



Outside bevel



Inside bevel



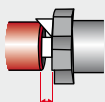
Facing

## TECHNICAL FEATURES

	ELECTRIC	PNEUMATIC
OD locking range	10.3–73.0 mm	
Stroke	30 mm	
Noise level	75 dB	
Idle speed	113 rpm	133 rpm
Max Chuck torque	56 Nm	6.8 bar
Motor power	0.9 kW	0.8 kW
Voltage	110 V / 230 V	-
Voltage	50 Hz / 60 Hz	-
Air consumption (cfm)	-	35
Compressed air pressure	-	6–8 bar
Air hose connection	-	1/2"
Weight	16 kg	15 kg



OD locking range  
10.3–73.0 mm



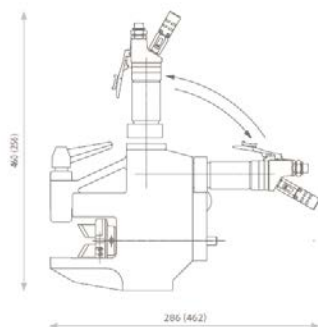
Axial feed  
30 mm



Chuck diameter  
75 mm



Electric 16 kg  
Pneu 15 kg

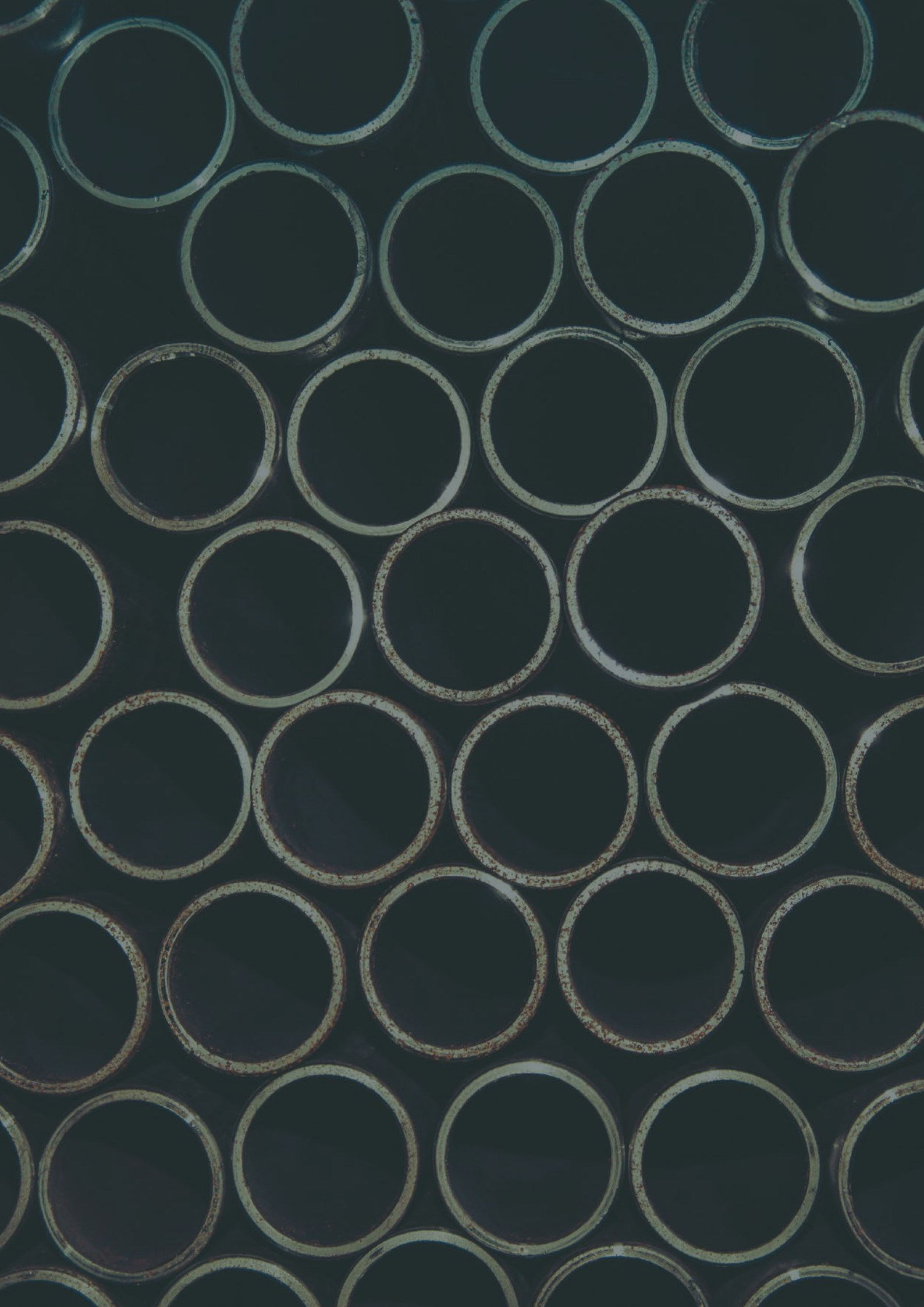


SLIMGRIP is a popular model of pipe beveler with external clamping seat, for beveling pipes up to 73 mm in diameter. It is clamped onto the pipe by means of a fixed and movable seat. It works on the principle of a rotary head and can be fitted with shaped knives as well as bevellers with internal clamping as required for the shape.

Thanks to the fixed and movable outer fitting comes very handy at membrane walls and during applications of very small inside diameter limited space between the inner wall and clamping shaft. The driving unit can be mounted on the machines body along the tube axis or perpendicularly to it. SLIMGRIP is supplied in electrical or pneumatic versions.









# CUT AND BEVEL





# BEVEL

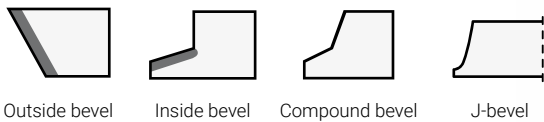


# LITERING

## KEY POINTS

- > Cuts and bevels simultaneously
- > Can compensate pipe ovality
- > Aluminium body (light weight)
- > Can bevel hard materials

## TYPES OF BEVEL



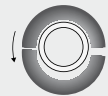
Outside diameter  
23–937 mm



Heavy walled  
pipes



Can compensate  
pipe ovality



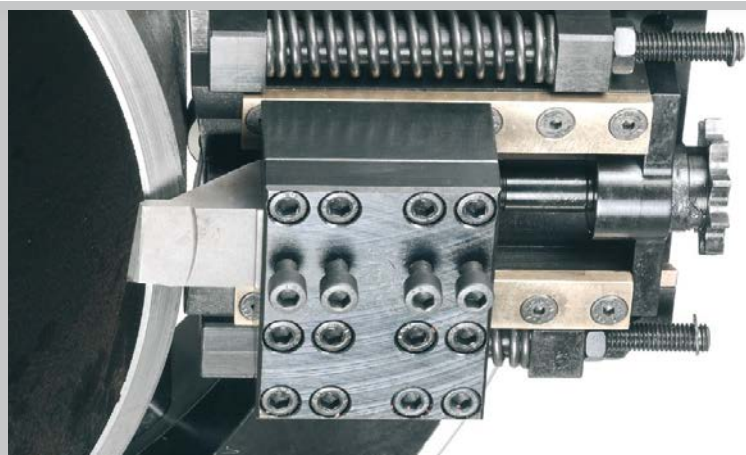
Split frame



Lightweight  
machine

CUTBEV LITERING is a lightweight cutting and bevelling machine. CUTBEV machines are locked from the outside; LITERING can bevel pipes with an outside diameter from 23 mm up to 937 mm (multiple frames need to be used). LITERING pipe cutter and beveller can be used in open-air sites, on pipelines and mainly inside factory halls.

The main advantage of LITERING is its light weight; cutting and bevelling can be done simultaneously up to 25 mm of wall thickness. The driving units and tool-holders are interchangeable between different split-ring frame (also called clamshell) sizes. LITERING can also be fitted with optional dancer spring system tool-holders to compensate for pipes with ovality. LITERING is available with an electric, pneumatic and hydraulic drive (some exceptions for certain sizes may apply).



## TECHNICAL FEATURES - PNEUMATIC

Model	P-CLAP 01-03	P-CLAP 02-06	P-CLAP 03-08	P-CLAP 06-12	P-CLAP 10-16	P-CLAP 14-20	P-CLAP 18-24	P-CLAP 24-30	P-CLAP 30-36
Range OD (inches)	1-3.5	2-6	3-8	6-12	10-16	14-20	18-24	24-30	30-36
Motor power (kW)	0.52	0.99	1.34	1.34	2.24	2.24	2.24	2.24	2.24
Air consumption (l/min)	950	1600	1800	1800	3000	3000	3000	3000	3000
Air working pressure (bar)	6	6	6	6	6	6	6	6	6
Tool box stroke	30	40	50	60	60	60	60	60	60
Radial feed rate per revolution (mm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Weight (kg)	18	22	26	44	57	69	74	79	94
Idle speed (rpm)	48	37	30	22	16	13	13	13	13

## TECHNICAL FEATURES - ELECTRIC

Model	E-CLAP 01-03	E-CLAP 02-06	E-CLAP 03-08	E-CLAP 06-12
Range OD (inches)	1-3.5	2-6	3-8	6-12
Motor power (kW)	0.75	1.02	1.02	1.02
Voltage (V)	230	230	230	230
Frequency (Hz)	50	50	50	50
Tool box stroke (mm)	30	40	50	60
Radial feed rate per revolution (mm)	0.1	0.1	0.1	0.1
Weight (kg)	18	22	26	44
Idle speed (rpm)	48	37	30	22

## TECHNICAL FEATURES - HYDRAULIC

Model	H-CLAP 10-16	H-CLAP 14-20	H-CLAP 18-24	H-CLAP 24-30	H-CLAP 30-36
Range OD (inches)	10-16	14-20	18-28	24-30	30-36
Motor power (kW)	6.26	6.26	6.26	6.26	6.26
Oil working pressure (bar)	100-120	100-120	100-120	100-120	100-120
Oil flow rate (l/min)	40	40	40	40	40
Tool box stroke (mm)	60	60	60	60	60
Radial feed rate per revolution (mm)	0.1	0.1	0.1	0.1	0.1
Weight (kg)	57	69	74	79	94
Idle speed (rpm)	16	13	13	13	13

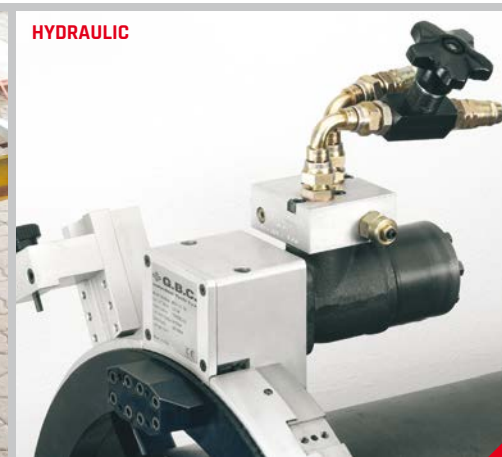
PNEUMATIC



ELECTRIC



HYDRAULIC

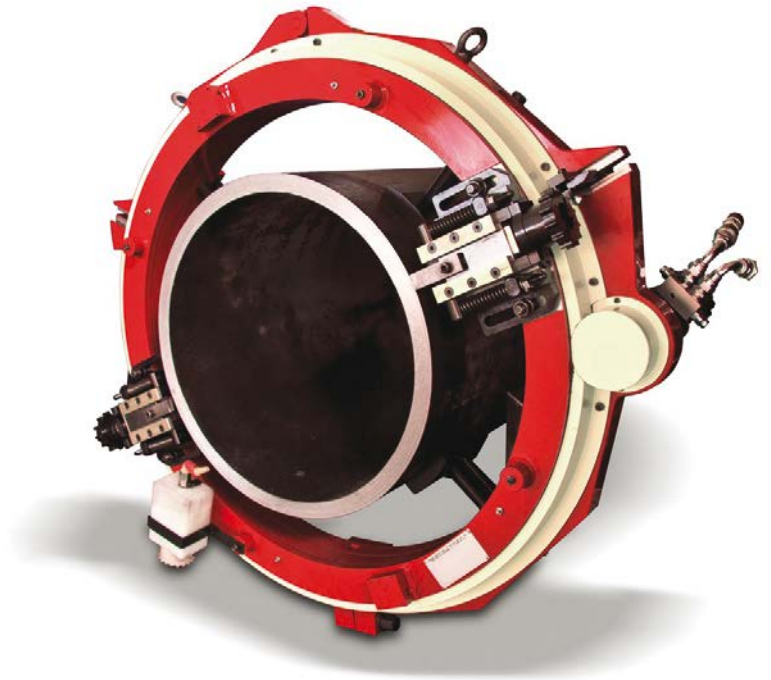
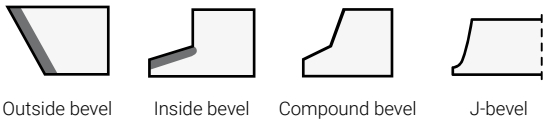


# SOLIDRING

## KEY POINTS

- > Big range
- > Cuts and bevels simultaneously
- > Can compensate pipe ovality
- > Solid steel body
- > Can bevel any material
- > Can be used for ocean engineering

## TYPES OF BEVEL



Outside diameter  
160–1525 mm



Wall thickness  
up to 100 mm



Can compensate pipe  
ovality

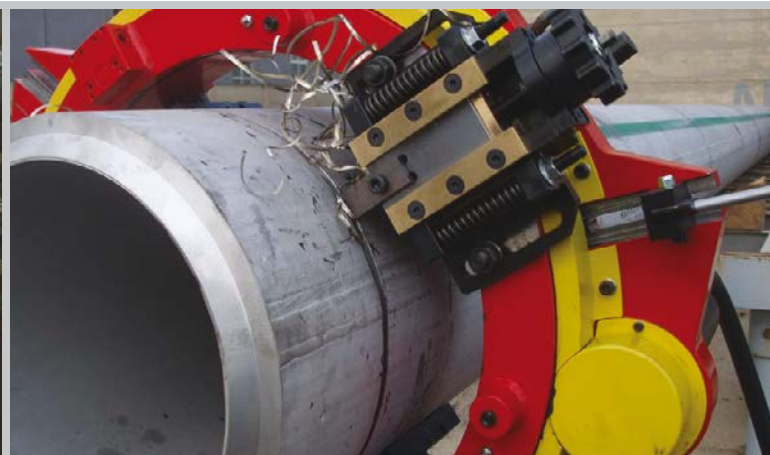


Split frame

CUTBEV SOLIDRING is a pipe cutting and beveling machine locked from the outside, capable of cutting and beveling pipes made of virtually any material. SOLIDRING can bevel pipes with an outside diameter from 160 mm to 1590 mm (multiple frames required)! SOLIDRING can cut pipes with virtually unlimited wall thickness.

This machine can be very useful in open-air sites, on pipelines and inside factory halls, or can be used for ocean engineering. Cutting and beveling can be done simultaneously up to 25 mm of wall thickness. The driving units and tool-holders are interchangeable between different split-ring frame (also called clamshells) sizes.

Internal beveling, as well as counter boring, can be done with optional attachment. SOLIDRING comes with dancer spring system tool-holders which can compensate for pipe ovality. SOLIDRING is a very powerful machine used in cases where other pipe bevellers cannot do the job required. SOLIDRING can be supplied with either a pneumatic or hydraulic drive.



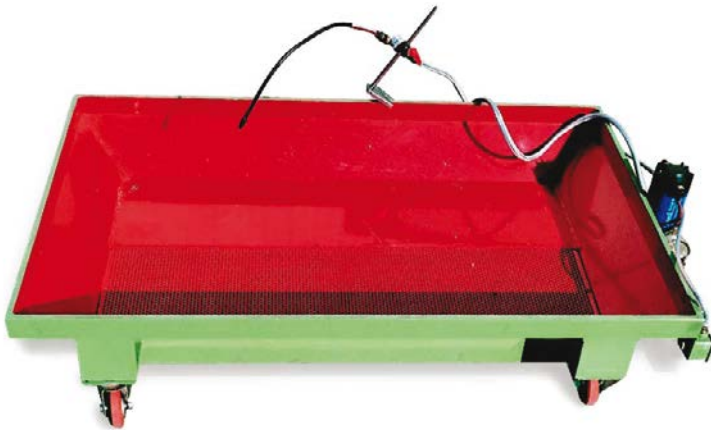
## TECHNICAL FEATURES - PNEUMATIC

Model	P-WYDE 6-12	P-WYDE 12-18	P-WYDE 18-24	P-WYDE 24-30	P-WYDE 30-36	P-WYDE 36-42	P-WYDE 42-48	P-WYDE 48-54	P-WYDE 54-60
Range OD (inches)	6-12	12-18	18-24	24-30	30-36	36-42	42-48	48-54	54-60
Motor power (kW)	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24
Air consumption (l/min)	3000	3000	3000	3000	3000	3000	3000	3000	3000
Air working pressure (bar)	6	6	6	6	6	6	6	6	6
Tool box stroke (mm)	60	60	60	60	60	60	60	60	60
Radial feed rate per revolution (mm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Weight (kg)	143	175	225	270	336	366	410	466	515
Idle speed (rpm)	26	21	17	14	12	10	9	8	7

## TECHNICAL FEATURES - HYDRAULIC

Model	H-WYDE 6-12	H-WYDE 12-18	H-WYDE 18-24	H-WYDE 24-30	H-WYDE 30-36	H-WYDE 36-42	H-WYDE 42-48	H-WYDE 48-54	H-WYDE 54-60
Range OD (inches)	6-12	12-18	18-24	24-30	30-36	36-42	42-48	48-54	54-60
Hydraulic motor power (kW)	11.185	11.185	11.185	11.185	11.185	11.185	11.185	11.185	11.185
Oil working pressure (bar)	100-120	100-120	100-120	100-120	100-120	100-120	100-120	100-120	100-120
Oil flow rate	40	40	40	40	40	40	40	40	40
Tool box stroke (mm)	60	60	60	60	60	60	60	60	60
Radial feed rate per revolution (mm)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Weight (kg)	143	175	225	270	336	366	410	466	515
Idle speed (rpm)	26	21	17	14	12	10	9	8	7

## OPTIONAL ACCESSORIES



Hydraulic power pack



# TURNCUT

## KEY POINTS

- > Easy clamping
- > Fast and precise cutting
- > Laser pointer of the cut
- > Thin walled pipes

## TECHNICAL FEATURES

Model	TRC-4	TRC-6	TRC-8
Locking range (inches)	1/2 – 4 1/2	1–6	3–8
Electric motor power (kW)	2.2	0.72	2.2
Idle speed (rpm)	200–300	74–291	200–300
Voltage (V / Hz)	230 / 50	230 / 50	230 / 50
Noise level (dB)	75	75	75
Weight (kg)	85	28	145



Locking range  
1/2–8 inches



Thin walled pipes



Laser pointing  
of the cut



Speed regulation



TRC-4: 85 kg  
TRC-6: 28 kg  
TRC-8: 145 kg



TRC is a new addition to BEVEL's family of pipe cutters; TRC is specifically designed for cutting of pipes with low wall thickness (up to 8 mm). Its main advantage is the productivity it can deliver; it is extremely easy to clamp and cut the pipe.

It can provide clean and precise cuts, thanks to the fact that, it is now fitted with laser pointer showing the exact cutting point on the pipe. It is available with both manual and automatic rotation of the cutter.





# MILLGRIP

## KEY POINTS

- > Enormous cutting range
- > Cold cutting
- > Cutting with precision
- > Wall thickness up to 50 mm
- > Stability

## TECHNICAL FEATURES

Locking range	406–6096 mm
Max. workable thickness	50 mm
Cutting saw blade Ø 160	450–490 rpm
Bevelling saw blade Ø 80	510 rpm
Feeding speed for bevel	600 rpm
Feeding speed for cut	50–180 rpm
Motor power	8 kW
Noise level	85 dB
Weight	150 kg



Locking range  
406–6096 mm



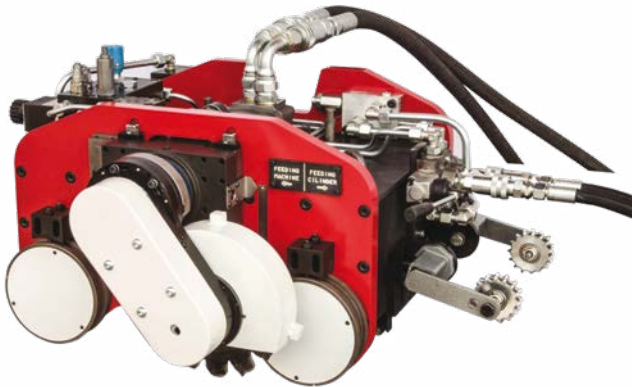
Wall thickness  
up to 50 mm



Saw blade diameter  
160 mm



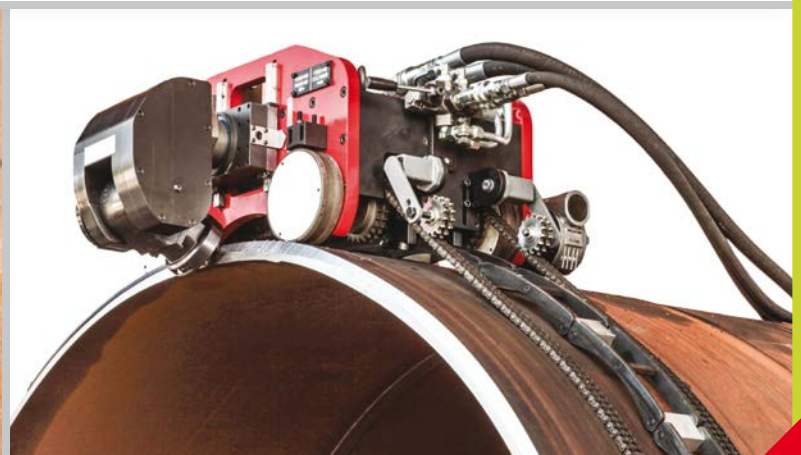
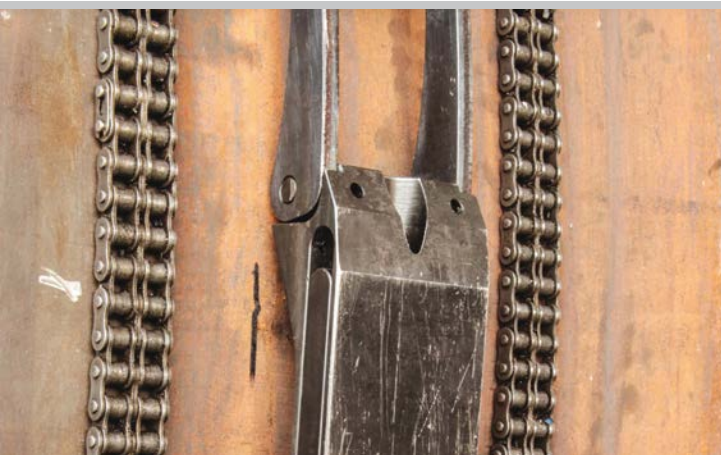
Chain driven



MILLGRIP is a new generation chain driven pipe cutting machine. Thanks to its cold cutting mechanism it provides perfectly clean cuts on pipes with wall thickness up to 50 mm without hardening the material. It has an enormous range as it can work on pipes between 16" up to 120" up to 30 mm width with saw blades (406 mm – 6 096 mm).

MILLGRIP's combination of unique chain drive as well four rubber feeding wheels enable the cutting unit to travel around the pipe with great stability and perform very precise cuts.

The bevel execution must be performed in different phases, according to the material to the required bevel angle and to the wall thickness. The feeding speed range may vary according to the material and the wall thickness.



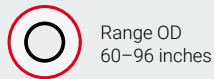
# XYANT

## KEY POINTS

- > Large pipes
- > Extremely powerful
- > Unlimited wall thickness
- > Any material types

## TECHNICAL FEATURES

Model	XYANT 60-72	XYANT 72-84	XYANT 84-96
Range OD (inches)	60-72	72-84	84-96
Tool box stroke (mm)	70	70	70
Rad. feed rate per revolution (mm)	0.2	0.2	0.2
Nominal hydraulic motor power (kW)	30	30	30
Hydraulic motor working power (kW)	25	25	25
Oil flow rate (l/min)	60	60	60
Oil pressure (bar)	120	120	120
Weight (kg)	1550	1750	1930



Range OD  
60-96 inches



Unlimited wall thickness

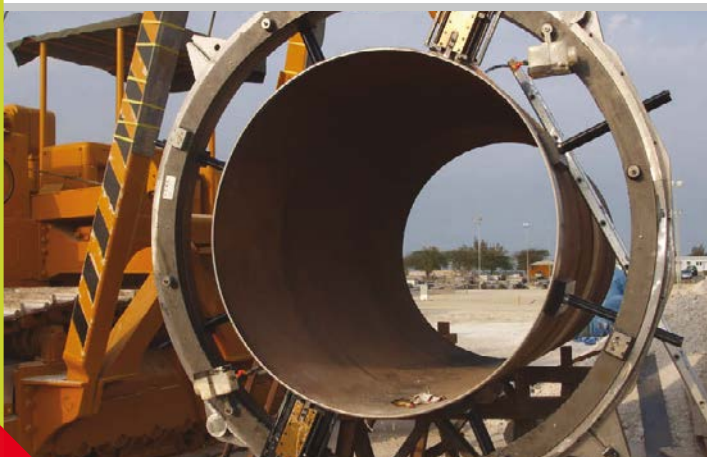


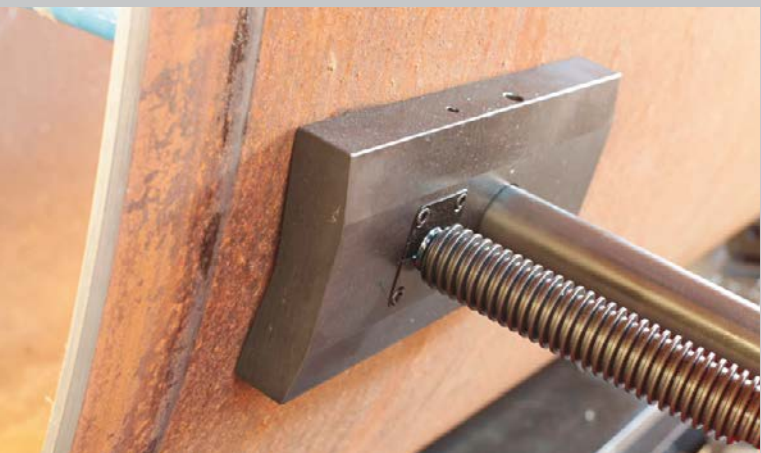
Can compensate  
pipe ovality



XYANT is the largest beveller of the CUTBEV series with a hydraulic drive. XYANT is a pipe cutter and beveller for steel pipes between 60" and 96". As all CUTBEV machines, XYANT is locked from the outside. It can be fitted on pipelines, in open-air sites or used inside factory halls. Cutting and bevelling can be done simultaneously on pipes with wall thicknesses up to 25 mm. There is virtually no limit to wall thickness of bevelled pipes.

With appropriate tooling, the machine can execute any type of weld preparation. The unit is equipped with two copier tool-holders fitted with springs to compensate for possible pipe ovality. The machine's body is a split frame type (also known as clamshell) for installation and use along pipelines. All XYANT units are fitted with a hydraulic drive.





# CUSTOM WORK

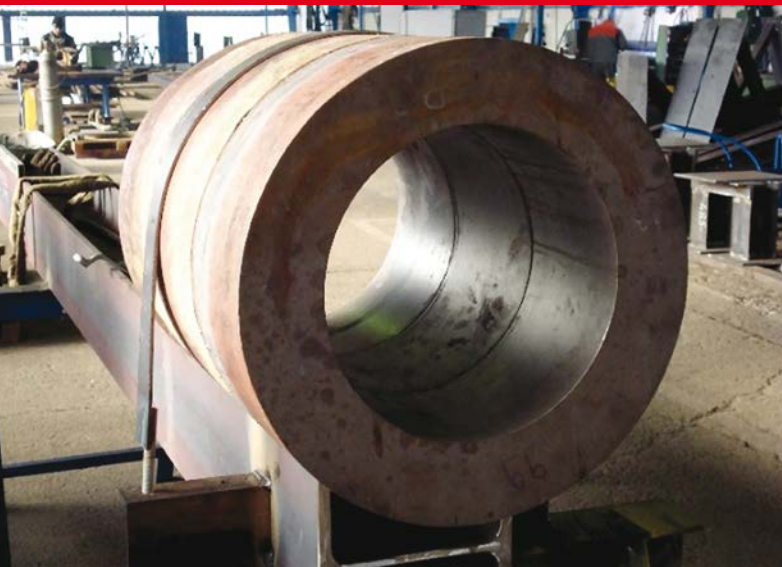
Do you need bevel and buying a new machine is not worth it?  
Then the new machine wouldn't find a use?

Without worry, by a trained worker with the assurance of a job well done and all that right here at your doorstep. If you already have experience with beveling, we will be happy to provide you with a suitable machine.

Send your drawing to **info@bevel.cz** and our technical department will provide you with the best possible solution.

We approach each order individually.

We will be happy to provide you with a detailed quotation upon request.



# AND RENTAL

# BEVEL



We have extensive experience with beveling and our services have already been used by many renowned companies

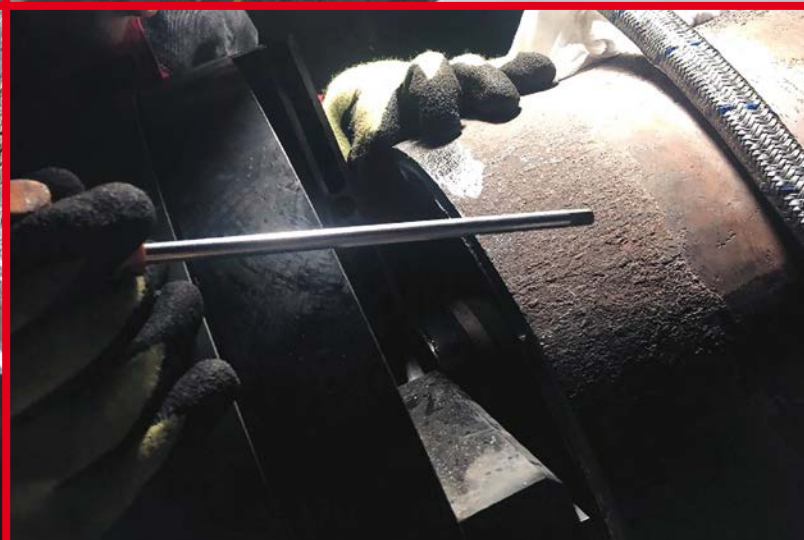




PLATE BEVELLERS

PIPE BEVELLERS

CUT AND BEVEL

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