

CPC-B

Pipe cutting and beveling machine



PIPE CUTTING AND BEVELING MACHINE

The new Pipe Cutting and Beveling Machine is able to cut pipe wall up to 2" (50 mm), bevel high tensile stainless steel pipes, and work in the most extreme temperatures.

Available in Hydraulic and Pneumatic options, the machines will cut and bevel most machinable materials, including carbon steel, stainless steel, ductile iron, cast iron, and most other alloys without spark or flame. The heavy duty chain tensioning mechanism, encased in a high strength alloy frame provides the necessary rigidity and strength for cutting the pipe at the highest travel speed possible. The frame of the machine has six wheel positions to better follow the radius of the pipe and allow the radius of the pipe and allow tracking accuracy on a 36" pipe of better than 0,3 mm.

The machine is equipped with a two speed drive gearbox, which provides positive movement of the machine around the pipe in all kinds of pipe cutting conditions. No out-of-round compensation is needed as the machine follows the pipe's outside diameter.



Typ CPC-B

- Two-speed drive gearbox with adjustable speed control and reverse gear
- Compound bevel angles, J prep, U prep
- Pneumatic and hydraulic versions are suitable for use in no-spark environment
- Out-of-round compensation is unnecessary

Weight	235 kg (pneumatic) 216 kg (hydraulic)
Working Range OD	6" (150 mm) - 276" (7.010 mm)
Max. Wall thickness	2" (50 mm)
Power	2,75 kW (pneumatic) 4 kW (hydraulic)
Cutting speed	Up to 60 mm per minute
Factory tolerance	+0,5 mm when used with optional guide chain



Hydraulic Type

The hydraulic driven pipe cutting and beveling machine is designed for cutting heavy wall, high alloy pipes or particularly tough steel applications. The closed loop hydraulic system ensures proper lubrication is applied to the drive motors, which extends the life of the machine. The dual hydraulic motors are infinitely adjustable and deliver consistent horsepower to the cutting blades and drive motors.

Pneumatic Type

The pneumatic driven pipe cutting and beveling machine is an excellent tool for both field and shop work. It is best used for cutting pipes in explosive environments such as refineries or on pipelines conveying natural gas, crude oil or crude oil by-products.



Product inquiry and more informations...

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