

CHAIN TYPE PIPE CUTTING MACHINE

The chain type pipe cutting machine is the perfect tool for cutting of pipes made of different material. Ductile Iron, Concrete, Cement, Clay, Plastics, PE, PVC and GFK can be cut up to a diameter of 1200 mm. The chain driven pipe cutting machine is available with a pneumatic drive unit or with a hydraulic drive unit. For using the hydraulic pipe cutter we recommend our hydraulic unit DHP18E.

Chain Type Pipe Cutting machine

Suitable for pipes up to Ø 1200 mm

- Fast setup
- High Cutting Speed
- Durable blades for high performance
- Underwater use
- Single operator work



Video of application



CHOOSE THE BEST DRIVE UNIT:

• 2 - gear pneumatic pipe cutter:

- Materials: ductile, cement, concrete, PVC, plastics, PE, cast iron
- Max. wall-thickness: 30 mm (PVC, plastics, PE)
- Application: cutting and beveling

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• 1 - gear pneumatic pipe cutter:

- Materials: steel, stainless steel
- Max. wall-thickness: 5 - 15 mm (steel)
5 - 10 mm (stainless steel)
- Application: cutting

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• 2 - gear hydraulic pipe cutter:

- Materials: ductile, cement, concrete, PVC, plastics, PE, cast iron, steel, stainless steel
- Max. wall-thickness: 15 mm steel
12 mm stainless steel
- Application: cutting (all materials)
beveling (not steel and stainless steel)

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2 gear pneumatic	Power [kW]	Air consumption [m³/min]	Air pressure [bar]	Gears	Free Speed at gear [rpm]	Free Speed at gear 2 [rpm]	Height [mm]	Air connection	Noise level dB(A)	Vibration Level [m/s²]	Weight [kg]
	1,80	2,20	6,0	2	1.800	350	250	R 1/2"	98	<2,5	13,0
1 gear pneumatic	Power [kW]	Air consumption [m³/min]	Air pressure [bar (g)]	Gears	Free Speed at gear [rpm]	Free Speed at gear 2 [rpm]	Height [mm]	Air connection	Noise level dB(A)	Vibration level [m/s²]	Weight [kg]
	2,40	2,20	6,0	1	1.800	-	250	R 3/4"	98	<2,5	12,5
1 gear hydraulic	Power [kW]	Hydraulic Oil flow [l/min]	Hydraulic pressure [bar (g)]	Gears	Drehzahl Stufe 1 [rpm]	Speed at gear 2 [rpm]	Height [mm]	Connection	Noise level dB(A)	Vibration Level [m/s²]	Weight [kg]
	2,80	15 - 50	90 - 140	2	1.800	350	250	1/2" BSP	98	<2,5	13,0

CHOOSE COMPONENTS OF CHAIN

The components listed hereunder are required depending on the pipe diameter:

Pipe diameter (mm)	Carriage guide	Chain tensioner	Tensioning chain	Drive unit	Guide chain
300 - 400	1 x Carriage guide small	1 x Chain tensioner small	-	1 x drive unit	1 x Chain connector and chain 300-400
400 - 800	1 x Carriage guide large 1 x Carriage guide small	1 x Chain tensioner large	1 x Tensioning chain, length 950 mm	1 x drive unit	1 x Chain connector and chain 400-800
600 - 1000	2 x Carriage guide large	2 x Chain tensioner large	-	1 x drive unit	1 x Chain connector and chain 600-1000
400 - 1400	1 x Carriage guide large 2 x Carriage guide small	2x Chain tensioner large	1 x Tensioning chain, length 950 mm	1 x drive unit	1 x SChain connector and chain 400-1400
400 - 1600	2 x Carriage guide large 2 x Carriage guide small	2x Chain tensioner large	2 x Tensioning chain, length 950 mm	1 x drive unit	1 x Chain connector and chain 400-1600



Chain tensioner



Carriage guide



Tensioning chain



Guide chain

CHOOSE THE BEST CUTTING BLADE DEPENDING ON MATERIAL

The cutting blade has to match the pipe material. It must be carefully selected by the operator.

Material	Carbid tipped blade	Diamond blade
Steel Pipes	✓	
Copper Pipes	✓	
Aluminium Pipes	✓	
Stainless Steel Pipes	✓	
Cast Iron Pipes		✓
Ductile Pipes		✓
Graphite Pipes		✓
Plastics Pipes	✓	
PE Pipes	✓	
PE Pipes	✓	
PVC Pipes	✓	
Clay Pipes		✓
Concrete		✓
Cement		✓

