



# TONISCO PS2000

Hydraulic pipe cutter for steel & Cast iron pipelines  
DN150 - DN1400



## Typical setting

## Basic information



- WEIGHT: 12,00 Kg
- MEDIUM: Water & Gas
- RANGE: DN150-DN1400

With TONISCO PS2000 Also a pre-cutted chamfer can be made simoultanesly using a special cutting blade. The chamfer makes it easy to carry on the line by welding after the pipe is cut.

## Descriptions

## Features

The hydraulically operated TONISCO PS2000 pipe cutter device has been developed mainly to accomplish accurate big diameter pipe cutting on-site. The pipe which shall be cut is not necessary to empty in advance - the cutter is capable of cutting the pipe filled with water or some other liquid - in fact the cutting is possible even totally under water. The limiting factor is rather the operator than the equipment.

TONISCO PS2000 cuts all kinds of pipes. By simply choosing the right saw blade plastic pipes can be cut as well as cast iron, ductile and steel pipes of various qualities. The hydraulic drive offers many advantages cutting is fast and simple, the attaching method is accurate using a rigid wide steel chain, which is easy to extend and guarantees a straight cut. The driving force of the cutter is pressurized hydraulic oil.

The hydraulics of TONISCO PS2000 offers high torque therefore the cutting speed of the cutting blade is low, with right setup no sparks occurs while cutting pipe lines of various materials. Pipes holding flammable fluids or gases can be cut and the low rpm means long lasting cutting blades.

The pressure level is only modest. Best way to ensure the perfect cut everytime is to equip the cutter with a separate, electric or combustion engine powered TONISCO hydraulic power unit.

## TONISCO PS2000 Machine specifications



Cutting Range:	DN150-DN1400
Drive unit:	Hydraulic
Body material:	Steel S355J2
Blade size:	180 mm (Diameter)
RPM Machine:	630-790
RPM Blade:	315-395
Working Pressure:	100 bar
Max. operating pressure:	140 bar
Max. operating flow:	25 L/min
Max. wall thickness:	45,00 mm

**Item no. PS2000.0000**

## TONISCO PS2000 Hydraulic Drive unit Machine specifications



Motor:	14 Hp, 11 kW
Body material:	Stainless steel
Size (cm) & Weight:	70x50x57 & 70 kg, 85x60x65 & 120 kg
Max. operating pressure:	140 bar
Max. operating flow:	30 L/min, 42 L/min
Working Pressure:	100 bar
Connections:	3/8" TEMA

**Item no. HYAG.0030**

**Item no. HYAG.0042**



## TONISCO PS2000 Hydraulic Drive unit Machine specifications



Item	Item no.
Transport Box	PS2000.0001
Ratchet Handle	PS2000.0002
Basic Chain	PS2100.0000
Cutting Chain DN200	PS2100.0200
Cutting Chain DN250	PS2100.0250
Cutting Chain DN300	PS2100.0300
Cutting Chain DN350	PS2100.0350
Cutting Chain DN400	PS2100.0400
Cutting Chain DN500	PS2100.0500
Cutting Chain DN600	PS2100.0600
Cutting Chain DN700	PS2100.0700
Cutting Chain DN800	PS2100.0800
Cutting Chain DN900	PS2100.0900
Cutting Chain DN1000	PS2100.1000
* Other sizes on request	