



# TOPGEAR 630

## SAFE AUTOMATIC PIPE CUTTING



# FAST, PRODUCTIVITY!

TOPGEAR 630 is the perfect solution to jobsite plastic pipe cutting difficulties, where while safety remains one of the most important points, the cutting time is a key factor for productivity. With the aim of combining these two aspects Ritmo developed an innovative portable pipe saw for jobsite pipe cutting. Whatever the job-site conditions are and wherever the pipe is located, TOPGEAR 630 can be set up for the cutting process and operated in an easy and quick way, ensuring a significative reduction of both preparation and cutting time. Thanks to its clamps which are fastened around the pipe and on which the band-saw moves in a stable and safe way, the cut results accurate and straight even on ovalized pipes.

TOPGEAR 630 is available in 115 V at 50 or 60 Hz and in 230V at 50 Hz. According to the chosen clamp configuration, it is possible to cut pipes with a diameter from 250 to 630 mm; IPS pipes from  $\varnothing$  10" to 24" and DIPS ones from  $\varnothing$  8" to 20". Wherever a pipe has to be cut, TOPGEAR saw is ready!

**OVALIZED  
PIPE CUTTING**

**CUTTING  
CAPACITY**

**PIPE WALL THICKNESS  
UP TO 80 mm**

**CUT  
PRECISION**

**SAFETY  
CONDITIONS**

**USER  
FRIENDLY**



### TOPGEAR 630 ADVANTAGES

- Butt welding: facing time reduction; less milling cutter blade wearing
- Electrofusion welding: immediately ready for welding, no need of additional cutting. significant time saving
- Ovalized pipes: TOPGEAR cuts within and beyond the tolerance established by the Reference Standard

# PRECISION, SAVE TIME

## PATENT PENDING



The saw orbital automatic movement is managed at a distance by the operator thanks to a joystick.

## CUTTING SPEED TEST



Intuitive and easy working range adjustment.

The cutting process is performed directly at the jobsite after mounting the needed clamps according to the pipe diameter.

### PE Pipe PE \*

Ø 630 mm - Time: 2'35"

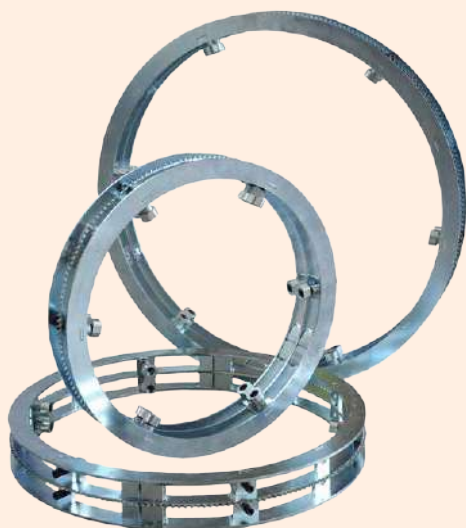
Ø 500 mm - Time: 2'20"

Ø 400 mm - Time: 1'45"

Ø 315 mm - Time: 1'30"

Ø 250 mm - Time: 1'12"

\* SDR  
doesn't affect the cutting speed



Metrical - IPS – DIPS  
Clamps



Transportation case



Easy and light to carry (saw only)

## TECHNICAL FEATURES

Minimum recommended generator power 6 Kw  
The given data is a minimum suggested power. The pipe saw good functioning depends on the sinusoidal wave stability, which may vary according to the generator brand and its technical characteristics

Working range	250 ÷ 630 mm 10" ÷ 24" IPS 8" ÷ 20" DIPS
Materials	PE, PP For other materials contact RITMO S.P.A.
Maximum cut thickness	80 mm (3.15") - 230 V 75 mm (2.95") - 115 V
Available Power tensions	230 V - 50 Hz 115 V - 50 Hz 115 V - 60 Hz
Nominal Power	2100 W
IP class	II
Blade diameter	270 mm (10.6") - 230 V 260 mm (10.2") - 115 V
Blade speed (without pipe)	3800 rpm
Overall saw dimensions	380 x 577 x 569 mm 15" x 22.7" x 22.4"
Saw weight	20 Kg (44 lb)
Transportation case dimensions	700 x 700 x 400 mm 27.5" x 27.5" x 16"
Case weight	14,3 Kg (31.5 lb)

The information and photos in this publication are not binding and RITMO S.P.A. is free to make any alterations without prior notice.  
Ed. 10 -2022

### RITMO S.P.A

Via A Volta, 35/37 - 35037 Bressio di Teolo (Padova) Italy  
Ph. + 39 049 9901888 Fax +39 049 9901993 - info@ritmo.it - www.ritmo.it