



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"

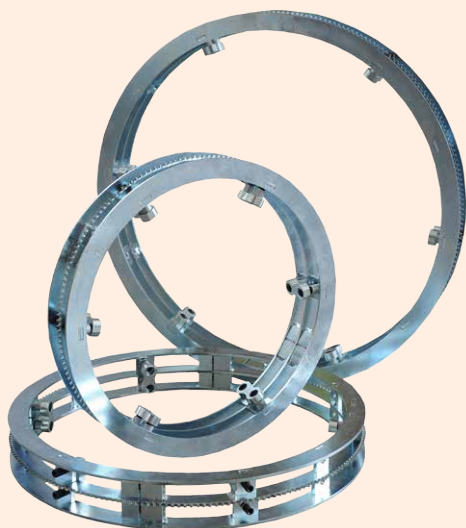
Ø 500 mm - Time: 2'20"

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)

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