

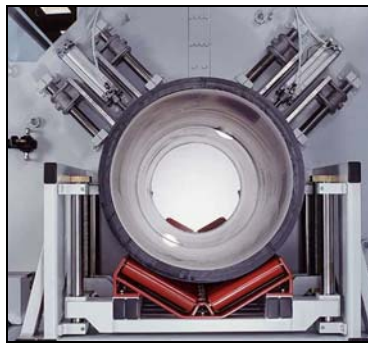
Pipe cutting devices *(Large diameter capability)*



Pipe cutting device RTA 800 EX

Characteristics

This series was specially and exclusively developed for swarfless cutting of PO pipes. The result is an extremely sturdy machine that offers high process safety and is easy to operate even for frequently changing pipe dimensions.



Guiding and clamping of pipes

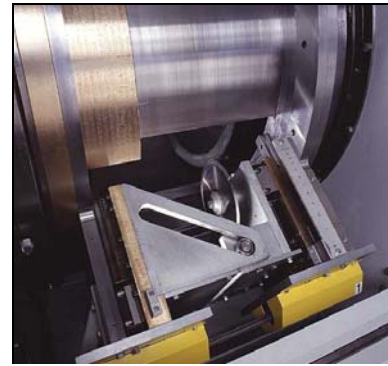
Features

The traveling cutting carriage is equipped with either a pneumatic drive or a servo-driver with gear rack and pinion, depending on process requirements. An in-line length measuring system actuates the cutting movement. Pipe cutting devices with an integrated electrical drive are equipped with an individual BMC smart operating panel.

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Other features:

- Guidance of heavy pipe via roller track that can be positioned at the inlet or outlet, is centrally adjustable in height and adapted to the respective pipe weights.
- Sturdy pipe clamping unit via V-shaped rubberized clamps.
- The rotor rests on the cutting carriage in large sealed ball bearings on both ends.
- Hydro-pneumatically operated sliding sleeve.
- Axial movement is diverted by crank guidance.
- Cutting tools are guided in linear bearings.
- Low noise emission.
- Easy changeover procedures to accommodate different pipe dimensions and cutting techniques.



Rotor with cutting tool on the outside



Rotor with cutting tool on the inside

Technical Data

Type	RTA 400	RTA 500 PX	RTA 500 EX	RTA 800 PX	RTA 800 EX	RTA 1200 PX
Max. outer pipe diameter [mm]	400	500	500	800	800	1200
Min. outer pipe diameter [mm]	75	90	90	250 (160) *	250 (160) *	500
Max. cutting frequency [cuts/min]	8	8	8	4	4	2
Connected load [kW]	5.5	12.5	14.5	7.7	9.7	13.2
Traveling path of the cutting carriage [mm]	1500	1500	1500	1500	1500	1500
Max. traveling speed [m/min]	5	5.0	10.0	3.0	6.0	2.0
Clamping V-clamps/roller track	yes	yes	yes	yes	yes	yes
Extrusion Height [mm]	1160	1150	1150	1250**	1250**	1650
Length [mm]	4500	4200	4200	5000	5000	5580
Width [mm]	1600	1800	1800	2150	2150	3100
Height above extrusion height [mm]	750	930	930	1070	1070	1650
Weight [kg]	approx. 5000	approx. 6000	approx. 6000	approx. 8000	approx. 8000	approx. 12,000

*Measures in (): special design

** Minimum extrusion height 1150 mm

In the interest of continuing development, we reserve the right to amend any specification without notice.



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