



❖ Planetary Cutting Technology

RA and RA H

Pipe Cutting and Beveling Machines
RA 2, RA 6, RA 8 and RA 12

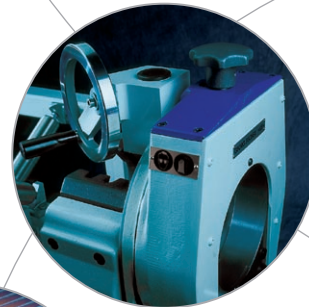
Perform economical cutting and beveling with technology made by Orbitalum Tools!

Advantages:

- Multiple point clamping
- Fast adjustment of dimensions
- Regulated cutting speed
- Optimal tool contact
- Working direction from the inside towards the outside
- Fast tool replacement

Your benefits:

- Square, burr-free and deformation-free pipe end
- Cold machining process
- Cutting in seconds
- Simultaneous or separate cutting and beveling
- Increased productivity
- Improved cutting quality
- Increased service life of tools



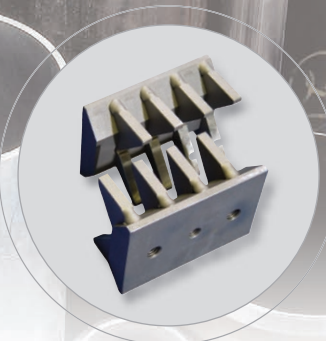
❖ also available with automatic or manual feed module AVM/MVM



A wide range of **saw blades and bevel cutter** are especially designed for our pipe cutters for highest requirements and longest service life.



High-performance lubricants for pipe cutting and beveling to increase the saw blade life-time. Synthetic saw blade lubricating compound **GF TOP**, Tube, 0.45 lbs: Code 790 060 228. Saw blade lubricating compound **ROCOL**, Tube, 5 fl oz: Code 790 041 016



Special stainless steel clamping jaws for RA 2, RA 21 S: Code 790 041 323
For RA 4: Code 790 042 201
Aluminum clamping jaws for RA 4 and RA 41 Plus: Code 790 046 250
Customized **aluminum clamping shells** for RA 6, RA 8, RA 12, GF 4, GF 20, RA 41 Plus: for deformation-free clamping of thin-walled tubes.



Very sturdy and stable **pipe feeder**: Feeds accurately long and heavy pipes into RA machines.
Base unit: Code 790 068 051
Extension unit: Code 790 068 061

Pipe Cutting and Beveling Machines

Technical data	RA 2 (H)	RA 6 (H)	RA 8 (H)	RA 12 (H)
Weight [lbs]*	99 (104)	209 (214)	254 (258)	298 (302)
Power [kW]	1.6	1.6	1.6	1.6
Protection class	Totally insulated in accordance with class II, DIN VDE 0740			
Built-in electronic speed regulation with speed stabilisation [rpm]*	150 - 270 (40 - 70)	150 - 270 (40 - 70)	150 - 270 (40 - 70)	150 - 270 (40 - 70)
Versions	200 - 240 V, 50/60 Hz or 100 - 120 V, 50/60 Hz. Pneumatic drive (only on request).			
Vibration level according to EN 28662, part 1 [m/s ²]	2.5	2.5	2.5	2.5
Noise level in the workplace approx. [dB (A)]	75	75	75	75
Working range	RA 2 (H)	RA 6 (H)	RA 8 (H)	RA 12 (H)
Pipe OD [inch]	0.472 - 2.480	1.732 - 7.165	4.488 - 9.055	6.063 - 12.795
Wall thickness, depends on material [inch]**	0.059 - 0.217	0.079 - 0.394	0.079 - 0.394	0.079 - 0.394
Pipe ID min. (saw blade-Ø 2.480 inch) [inch]	0.276	2.992	5.394	7.283
Pipe ID min. (saw blade-Ø 2.677 inch) [inch]	0.079	2.795	5.197	6.929
Pipe ID min. (saw blade-Ø 3.150 inch) [inch]	-	2.329	4.724	6.475
Pipe ID min. (saw blade-Ø 3.937 inch) [inch]	-	1.535	3.976	5.669

* Values in brackets for RA H (= with intermediate gear)

** Depending on the wall thickness special clamping shells for thin-walled tubes are required (accessory)

Stamp of distributor:

The technical data are not binding.
They are not warranted characteristics and are subject to change.
Please consult our general conditions of supply.