



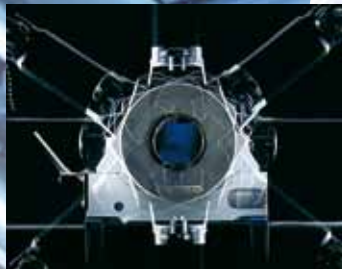
One machine to cut tubes and elbows!



Application



New motor with
extended speed range



Planetary Cutting
Technology

RA Pipe Cutting and Beveling Machines

- Square, burr-free and cold machining process
- Deformation-free clamping system, especially applicable for thin-walled tubes
- Fast dimension adjustment
- Sturdy design with powerful drive
- Optimum preparation for the automated welding process
- Dimension related clamping shells made of aluminum for thin-walled tubes
- Clamping jaws made of aluminum

RA 41 Plus

Cutting and beveling pipes and elbows in high-alloy steel (stainless steel), low- and unalloyed steel, plastics, casting materials and non-ferrous metals in just seconds, using the “Planetary Cutting” method.

- Optimal speed range of 65 - 215 rpm, ideal for the cutting of high-performance materials (Hastelloy®, P91, etc.)
- An ergonomically-designed motor handle for a safe and comfortable operating position
- One machine to cut tubes and elbows
- Effective and environmental friendly
- Increased service life of tools
- No contact corrosion while preparing stainless steel tubes
- Perfect for INOX applications

Machine comes with:

- 1 Pipe Cutting and Beveling Machine RA 41 Plus
- 1 Transportation case
- 1 Saw blade (Code 790 042 064)
- 1 Set of aluminum clamping jaws (Code 790 046 250)
- 1 Mounting plate
- 1 Tool set
- 1 Tube of saw blade lubricant GF TOP (Code 790 060 228)
- 1 Bottle of special gear oil (Code 790 041 030)
- 1 Set of operating instructions and spare parts list



RA 41 Plus

Application range	RA 41 Plus
Pipe OD (tubes)	10 - 120 mm / 0.394 - 4.724 inch
Pipe OD (elbows)	30 - 120 mm / 1.181 - 4.724 inch
Wall thickness (depends on material)	0.6 - 7 mm / 0.024 - 0.276 inch
Tube ID min. (saw blade Ø 63 mm/2.480 inch)	21 mm / 0.827 inch
Tube ID min. (saw blade Ø 68 mm/2.677 inch)	16 mm / 0.630 inch
Tube ID min. (saw blade Ø 80 mm/3.150 inch)	4 mm / 0.157 inch
Tube materials	Unalloyed and low-alloyed steel, high-alloyed steel, copper, brass, annealed cast-iron pipe (nodular graphite iron), aluminum.
Technical data	Electric drive with single-phase AC motor
Dimensions	700 x 490 x 460 mm / 27.6 x 19.3 x 18.1 inch
Power	1.8 kW
Protection class	Double-insulated according to class II, DIN VDE 0740
Built-in electronic variable cutting speed with restart inhibitor	65 - 215 rpm
Vibration level	< 2.5 m/s ² (EN 28662, part 1)
Noise level at the workplace approx.	At idle: 76 dB (A), under load: 85 dB (A)

Article	Version	Code	Weight of machine kg	Dispatch weight kg
RA 41 Plus	230 V, 50/60 Hz EU	790 046 011	70.000	109.000
RA 41 Plus	120 V, 50/60 Hz EU	790 046 014	70.000	109.000
RA 41 Plus	120 V, 50/60 Hz US	790 046 012	70.000	109.000