



The powerful pipe end preparation solution!



Quick-Tool-Change QTC®



Fast adjustment of the pipe dimension



Portable with an integral carrying handle



Sturdy construction



Compact design for precise and reproducible weld prep profiles

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Pipe End Preparation Machines REB

Pipe End Preparation Machines

- Compact design for precise and reproducible weld prep profiles
- Quick-Tool-Change QTC®
- Square and burr-free
- High-performance coated tool bit with two or four cutting edges
- Sturdy construction
- Tools adaptable on all REB machines
- Optimized performance and ergonomic drive system
- Portable with an integral carrying handle

REB 6, REB 14, REB 20

The powerful pipe end preparation solution. Counterboring and axial turning of pipes made from high-alloy steel (stainless steel), low-alloy and carbon steel with the unique tool system QTC®. Up to 4 tools can be used at the same time.

Machine comes with:

- 1 Pipe End Preparation Machine REB 6, REB 14 or REB 20
- 1 Transportation case
- 1 Clamping chuck (REB 6 and REB 14) or 2 clamping chucks (REB 20)
- 5 Clamping sets, each with 3 clamping wedges (REB 6) or 6 Clamping sets, each with 3 clamping wedges (REB 14 and REB 20)
- 1 Tool set
- 1 KSS-TOP lubricant spray pump KSS-TOP (Code 790 060 226)
- 1 Set of operating instructions and spare parts list

Manufacturer's warranty can only be given when using a mobile air unit. We recommend the mobile air unit from Orbitalum Tools, Code 790 093 060 (see page 65).



REB 6 Electric



REB 14 Pneumatic



REB 20 Pneumatic

Application range*	REB 6 Pneumatic	REB 6 Electric	REB 14 Pneumatic	REB 14 Electric	REB 20 Pneumatic
Pipe ID	49 - 159 mm 1.93 - 6.26 inch	49 - 159 mm 1.93 - 6.26 inch	92 - 320 mm 3.62 - 12.60 inch	92 - 320 mm 3.62 - 12.60 inch	282 - 500 mm 11.10 - 19.69 inch
Wall thickness	3 - 22 mm 0.12 - 0.87 inch	3 - 22 mm 0.12 - 0.87 inch	4 - 30 mm 0.16 - 1.18 inch	4 - 22 mm 0.16 - 0.87 inch	4 - 10 mm 0.16 - 0.39 inch
Pipe OD	56 - 168 mm 2.20 - 6.61 inch	56 - 168 mm 2.20 - 6.61 inch	100 - 355.6 mm 3.94 - 14.00 inch	100 - 355.6 mm 3.94 - 14.00 inch	290 - 508 mm 11.42 - 20 inch
Pipe materials	Unalloyed and low-alloyed steels, high-alloyed steels (stainless steel), aluminum				
Technical data					
Dimensions	560 x 260 x 400 mm 22 x 10.2 x 15.8 inch	640 x 260 x 420 mm 25.2 x 10.2 x 16.5 inch	625 x 375 x 490 mm 24.6 x 14.8 x 19.3 inch	700 x 375 x 510 mm 27.6 x 14.8 x 20 inch	700 x 510 x 570 mm 27.6 x 20 x 22.4 inch
Power	1.8 kW	1.2 kW	1.8 kW	1.2 kW	1.8 kW
Air consumption (at 6 bar)	2.0 m³/min	–	2.0 m³/min	–	2.0 m³/min
Speed	0 - 26 min ⁻¹	10 - 32 min ⁻¹	0 - 13 min ⁻¹	5 - 16 min ⁻¹	0 - 13 min ⁻¹
Vibration level according to EN 28662, Part 1	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²
Noise level in the workplace	at idle-speed: approx. 75 dB (A) (average speed range); under load: approx. 77 dB (A)				

* It is possible to extend the dimensions by using the optional clamping wedges (accessories).

Article	Version	Code	Weight of machine kg	Dispatch weight kg
REB 6	Pneumatic	790 093 001	32.000	52.000
REB 6	230 V, 50/60 Hz EU	790 093 002	35.000	55.000
REB 6	120 V, 50/60 Hz US	790 093 005	35.000	55.000
REB 14	Pneumatic	790 094 001	61.000	90.000
REB 14	230 V, 50/60 Hz EU	790 094 002	64.000	93.000
REB 14	120 V, 50/60 Hz US	790 094 005	64.000	93.000

Article	Version	Code		Weight of machine kg	Dispatch weight kg
REB 20	Pneumatic	790 094 010		88.000	135.000
Retrofit kit REB 14 to REB 20		790 094 015		34.000	55.000