

The
**NEW, faster
MRB 4 AUTO**
with pneumatic
clamping, ideal
for continuous
production

The innovative, automatic
MRB 4 Auto clamping system

MRB 4

Auto/Pneumatic/Electric

BOILER PIPE PREPARATION MACHINES

Compact design for high precision and reproducible weld prep profiles. Simultaneous facing, beveling, counterboring and axial turning of pipes made from high-alloy steel (stainless steel), low-alloy and carbon steel with the unique tool system QTC[®]. Designed for pipe end preparations and boiler pipe applications.

ADVANTAGES:

- Quick pneumatic joystick operated clamping on the MRB 4 Auto
- Possibility to retrofit existing MRB 4 machines to MRB 4 Auto
- Maximum performance and lightweight
- High-performance coated tool bit with two cutting edges
- Quick clamping system for tools with exact adjustment
- Ergonomic handling
- Tools adaptable on all MRB machines
- Low noise level
- Optimised housing design, ideal for working in cramped working areas

YOUR BENEFITS:

- **Increased productivity: Reduced tool costs and manufacturing costs, extremely durable**
- **Fast tool change**
- **Precise and reproducible weld prep profiles**



Custom-designed
versions



Ideal for boiler and heat
exchanger applications



moss
MECHANICAL ON SITE SERVICES



moss

MECHANICAL ON SITE SERVICES

'Innovative engineering solutions delivered safely'

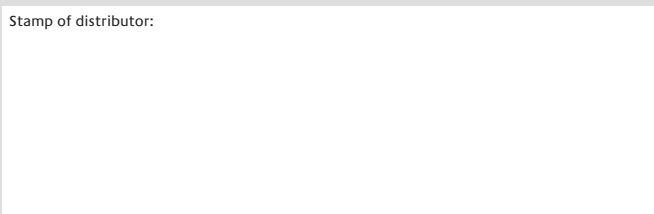
Boiler Pipe Preparation Machines

Technical data	MRB 4Auto	MRB 4Pneumatic	MRB 4Electric
Dimensions	520 x 150 x 500 mm 20.5 x 5.9 x 19.7 inch	490 x 120 x 380 mm 19.3 x 4.7 x 15 inch	460 x 120 x 380 mm 18.1 x 4.7 x 15 inch
Weight without tools	approx. 10.8 kg / 23.81 lbs	approx. 9.0 kg / 19.84 lbs	approx. 9.2 kg / 20.28 lbs
Power	1.0 kW / 1.3 hp	1.0 kW / 1.3 hp	1.0 kW / 1.6 hp
Air consumption	1.2 m ³ /min (at 6 bar/90 psi) 42.37 cfm (at 6 bar/90 psi)	1.2 m ³ /min (at 6 bar/90 psi) 42.37 cfm (at 6 bar/90 psi)	-
Mains supply	-	-	230 V, 50 Hz or 110 V, 50 Hz
Speed	0 - 110 min ⁻¹	0 - 110 min ⁻¹	35 - 120 min ⁻¹
Vibration level in accordance with EN 28662, part 1	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²
Sound level in the workplace	approx. 86 dB (A) at idle-speed (average speed range) approx. 82 dB (A) under load	approx. 86 dB (A) at idle-speed (average speed range) approx. 82 dB (A) under load	approx. 86 dB (A) at idle-speed (average speed range) approx. 81 dB (A) under load

Application range	MRB 4 Kit 1	MRB 4 Kit 2	MRB 4 Kit 3	MRB 4 Kit 4	MRB 4 Kit 5
Code MRB 4 Auto	790 086 031	790 086 032	790 086 033	790 086 034	790 086 035
Code MRB 4 Pneumatic drive	790 086 001	790 086 002	790 086 003	790 086 004	790 086 005
Code MRB 4 Electric drive 230 V	790 086 011	790 086 012	790 086 013	790 086 014	790 086 015
Code MRB 4 Electric drive 110 V s	790 086 021	790 086 022	790 086 023	790 086 024	790 086 025
Pipe ID [mm]	19.1 - 33.8	32.0 - 61.7	32.0 - 110.8	19.1 - 61.7	19.1 - 110.8
Pipe ID [inch]	0.752 - 1.330	1.260 - 2.429	1.260 - 4.370	0.752 - 2.429	0.752 - 4.362
Pipe OD [mm]	64.0	73.0	114.3	73.0	114.3
Pipe OD [inch]	2.51	2.87	4.50	2.87	4.50
Wall thickness [mm]*	2 - 15	2 - 15	2 - 15	2 - 15	2 - 15
Wall thickness [inch]*	0.079 - 0.590	0.079 - 0.590	0.079 - 0.590	0.079 - 0.590	0.079 - 0.590
Pipe materials	High-alloy steels (stainless steel, material No. 1.40-1.45 according to DIN 17455 and DIN 17456), low-alloy and non-alloy steel, copper. Others on request.				

* depends on pipe dimension

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.

Head Quarters in Kendal, TEL: **01539 737000** | Offices in Aberdeen, TEL: **01224 707010** | sales@mosslimited.com

'Innovative engineering solutions delivered safely'

www.mosslimited.com