

The  
**NEW, faster  
BRB 4 AUTO**  
with pneumatic  
clamping, ideal for  
continuous pro-  
duction

❖ The innovative, automatic  
BRB 4 Auto clamping system

## **BRB 4** **Auto/Pneumatic/Electric**

### Boiler Pipe Preparation Machines

**Compact design for high precision and repro-  
ducible 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 BRB 4 Auto
- Possibility to retrofit existing BRB 4 machines to BRB 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 BRB machines
- Low noise level
- Optimised housing design, ideal for working in cramped working areas

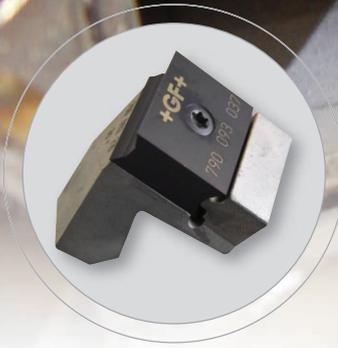
#### Your benefits:

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



❖ Ideal for boiler and heat  
exchanger applications

❖ Custom-designed versions



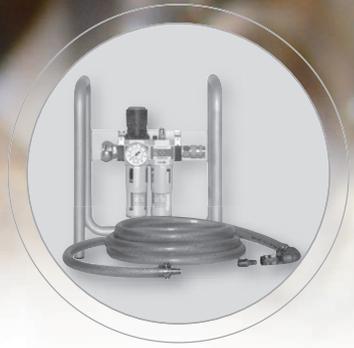
A wide range of tool holder WH and multifunctional tools MFW: Two or four-sided tool bits with high-performance protective coating against tool wear. For different wall thicknesses and weld prep profiles.



Sturdy storage and transport case for the BRB 4, tools and accessories.



**Cutting lubrication KSS-TOP:**  
The water soluble, fully synthetic cooling fluid extends the tool life of the tool bits. Contains no hazardous substances.  
Pump sprayer (500 ml):  
**Code 790 060 226**  
Canister (10 l):  
**Code 790 060 227**



**Mobile air unit DWE 10:**  
Lubricator and air filter adjustable pressure range 0 – 10 bar. Flow max. 2.6 m<sup>3</sup>/min (92 cfm):  
**Code 790 093 060.**  
**Air hose with quick coupling** to connect the BRB machine with the mobile air unit DWE 10. Length: 4 m (15.748 in); ID 19.1 mm (0.752 in)  
**Code 790 093 061**

## Boiler Pipe Preparation Machines

Technical data	BRB 4 Auto	BRB 4 Pneumatic	BRB 4 Electric
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 <sup>3</sup> /min (at 6 bar/90 psi) 42.37 cfm (at 6 bar/90 psi)	1.2 m <sup>3</sup> /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 <sup>-1</sup>	0 - 110 min <sup>-1</sup>	35 - 120 min <sup>-1</sup>
Vibration level in accordance with EN 28662, part 1	2.5 m/s <sup>2</sup>	2.5 m/s <sup>2</sup>	2.5 m/s <sup>2</sup>
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	BRB 4 Kit 1	BRB 4 Kit 2	BRB 4 Kit 3	BRB 4 Kit 4	BRB 4 Kit 5
Code BRB 4 Auto	790 086 031	790 086 032	790 086 033	790 086 034	790 086 035
Code BRB 4 Pneumatic drive	790 086 001	790 086 002	790 086 003	790 086 004	790 086 005
Code BRB 4 Electric drive 230 V	790 086 011	790 086 012	790 086 013	790 086 014	790 086 015
Code BRB 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.

Info-Hotline: +49 (0) 77 31 792-787 up to 789