

MRT

Blasting Unit

Size

Mini/ Midi/ Standard



Manhole Rehabilitation Technology

MRT Blasting Unit

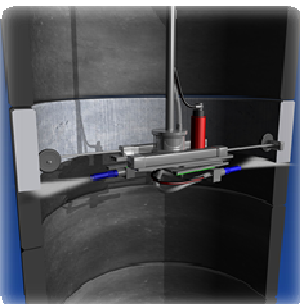
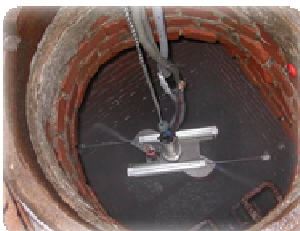
Automated substrate preparation

The MRT Blasting Unit is an automated controlled, high pressure water - grit – admixture jetting unit for substrate preparation of interior (vertical) manhole surfaces in accordance with common regulations.

The combined effect of high pressure water jetting and grit blasting with a working pressure of max. 500 bar (7,250 psi) results in quick and efficient substrate preparation. A previously defined cutting depth can be achieved within a minimized time frame.

Advantages:

- Safety advantage due to automated operation of MRT Blasting Unit
- No entering of manhole by staff necessary
- Absolute homogenous substrate preparation by entire 360° rotation
- Centering in the manhole with pneumatic dampers
- Highly efficient due to grit admixture and up to 500 bar (7,250 psi) water pressure
- Automated procedure of up- and down strokes
- Usable for rectangular manholes as well.



Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed all times.
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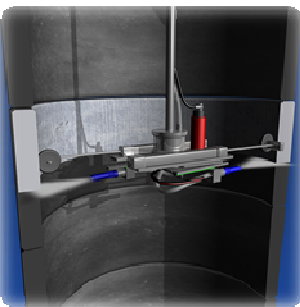
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Technical Data



Water supply:	Hose connection M22 x 1.5 350 to 500 bar (5,000 to 7,250psi)
Compressed air supply:	Quick coupling / plug NG 7 4 - 8 bar (60 – 120 psi)/ 300 l / min
Power supply:	Not applicable
Nozzle size:	2 x 2 Jet nozzles adaptable to existing high-pressure water devices
Dimension:	Manhole entrance recommended Ø for preparation
Size standard:	≥ 60 cm (23 inch) ≥ 60 cm (23 inch) up to 120 cm (46 inch)
Size midi:	≥ 55 cm (21.5 inch) ≥ 60 cm (23 inch) up to 110 cm (43 inch)
Size mini:	≥ 50 cm (20 inch) ≥ 60 cm (23 inch) up to 100 cm (40 inch)
Weight:	approx. 30 – 40 kg

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