

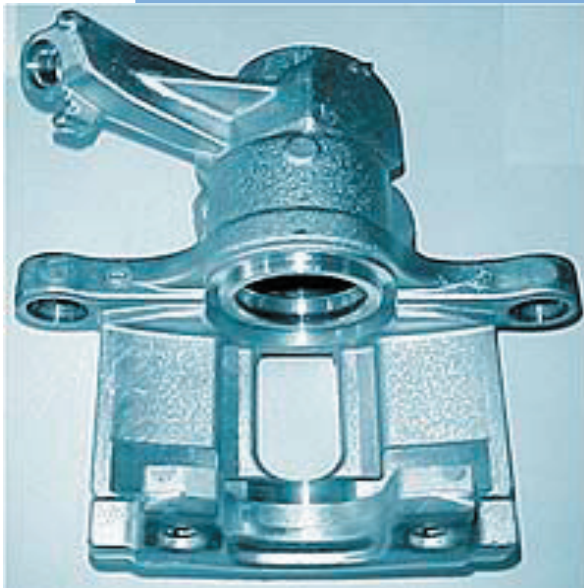
MTM-High-Pressure Water Beam Deburring System for Brake Calipers

MTM-Cleaning Technology for Break Components

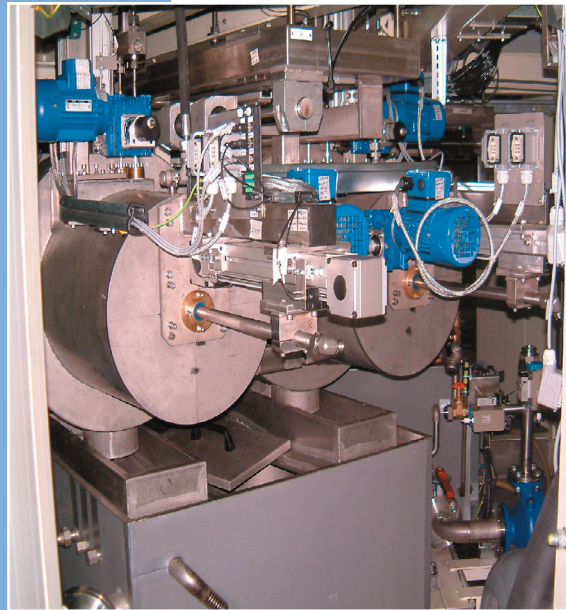
MTM develops and produces part cleaning systems for the automotive industry. Numerous systems have been installed in the automotive industry.

For the first time, MTM has received an order for a plain high pressure deburring system.

The international manufacturer of brake components, EBCC (European Brakes and Chassis Components) will receive a water beam high pressure deburring system for aluminum car brake calipers.



Aluminium made brake caliper



Conditioning chambers of the MTM-machine type SKR 6HD-VAC

MTM-Spray cycle chamber system type SKR 6HD-VAC

EBCC called for tenders internationally from all reputable high pressure system manufacturers. MTM received the order, because it offered the best technical system concept at an optimal price/performance ratio.

The system can wash 5 different types of brake calipers, deburrs and vacuum dries.

These components are made of a specially alloy and must have burrs, filings and coolant removed before they are processed or mounted.

The cycle period is 15 sec.

The MTM system complies with the client's requirement of a residual dirt value of < 4 mg/part.

Processing

The systems implements the following procedural steps:

- High pressure deburring at 300 bar
- Spray washing
- Compressed blowing
- Infrared heating
- Vacuum drying

The system is loaded and unloaded at a single station.

The vacuum drying process used by MTM completely dries the parts!

Top-notch performance

During one shift of 7 hours, almost 1,700 parts are leaving the MTM system.

Advantages of the MTM system

- Operation by only one person
- Very short cycle time
- Very short retooling periods for other component types: about 5 min.
- State-of-the-art MGM system technology
- Energy efficient operation
- Compact solution (only 12 m²)

Are you interested in washing experiments?

Please send us your samples directly to our technology division:

MTM GmbH
Technology Division
Gottower Strasse 37
D-14943 Luckenwalde
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