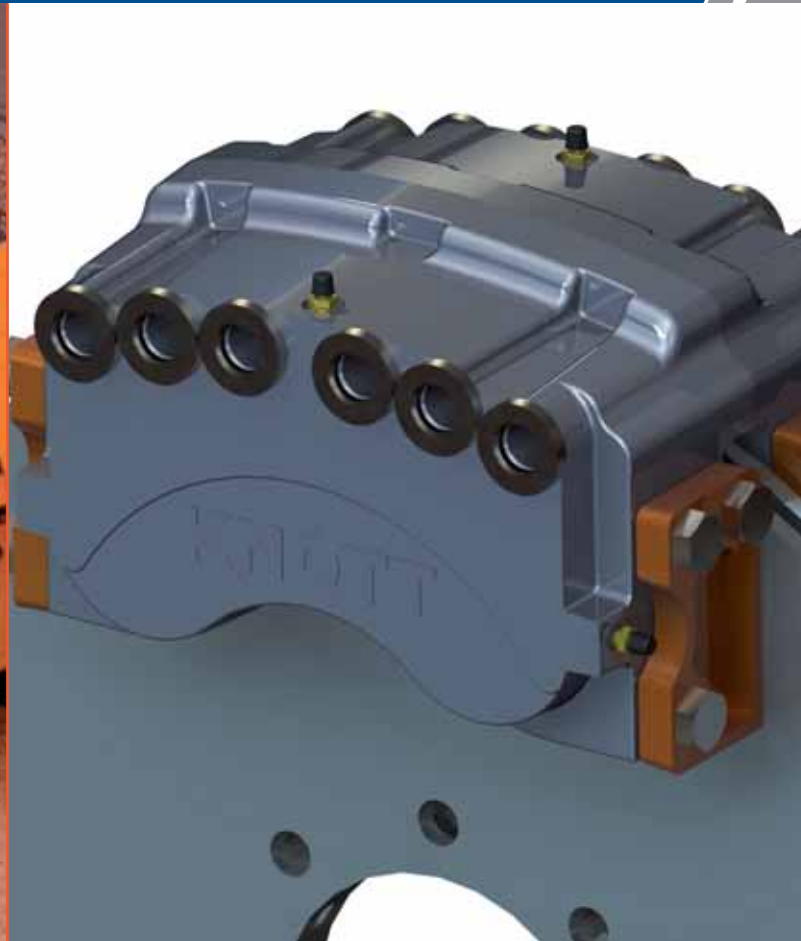


Custom solutions – especially
for heavy equipment too!

Knott brakes for the mining industry



The bigger the challenge ...
... the more important the brake!

Custom tailored solutions for

- heavy goods vehicles
 - dump trucks
 - articulated dump trucks
 - mining service vehicles
- and all other machinery used in the mining sector!

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KNOTT
BRAKE TECHNOLOGY

We make your brake

Efficient. Economical. Durable.

Extract bigger profits: with brakes from Knott!

XXL experience with XXL vehicles

When it comes to tackling any major challenge, the safest route to success is to go with an experienced partner. As the world's biggest and most flexible developer and producer of specialist brakes, Knott is the perfect partner when it comes to bespoke brakes in any size category, ensuring that you can cut straight to the chase with an economical brake solution that's just right for you.

All your braking systems from a single source

Knott not only supplies brakes using all the customary braking principles, it also offers sound expertise. Our advice to you is always objective, as we choose the most suitable solution for your mining application from the whole spectrum of available brake types.

- ▶ **Disc brakes (fixed and floating caliper)**
 - Hydraulic
 - Pneumatic
 - Mechanical
- ▶ **Drum brakes**
 - Hydraulic
 - Pneumatic
 - Mechanical
- ▶ **Encapsulated, wet multi-disc brakes**
 - Hydraulic
 - Pneumatic
 - Mechanical
- ▶ **All designs are available as service or parking brakes!**

Hydraulic fixed caliper 4x85:

With active piston return system for reduced wear, special high-performance brake linings shaped to repel dirt.



Spring applied floating caliper brake, self-adjusting:

For a constant running clearance. Does not require manual inspection and re-adjustment; maximum safety and economy in operation.



Spring applied fixed caliper:

High clamping forces, variation through a combination of spring packages; suitable for low temperature applications.



Left: Fixed caliper 4x79.3 with active piston return system for minimized lining and disc wear, lining optimized for high energy input and high speeds
Right: Fixed caliper 6x70

Both brakes come in a compact design, suitable for extremely large disc diameters and permitting easy lining change.

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KNOTT GROUP
BRAKE AND TRAILER TECHNOLOGY

We make your brake

Knott GmbH

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