



SMARTADHESION

SmartAdhesion is the first, fully-integrated adhesion management solution on the market that delivers precise sanding flow to support adhesion during traction or braking, as well as an adhesion modifier application to reduce noise and wear.

KEY FEATURES

Modular concept and compact design

Precise dosing and application of friction modifiers (lubricant, sand/ Al_2O_3)

Wide range of discharge substances for friction modifiers with reduced waste and optimized performance

Optimized flow (wind tunnel tested) for combined discharge nozzle

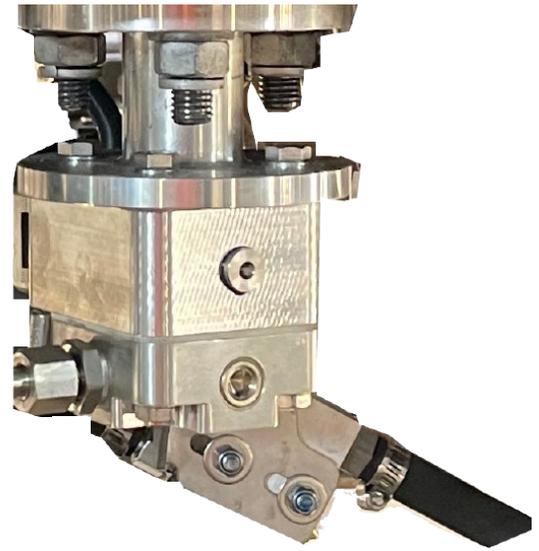
CUSTOMER BENEFITS

Reduced wear, dust pollution, and noise at the wheel-rail contact point

Extended filling intervals

Wide range of discharge substances with different qualities

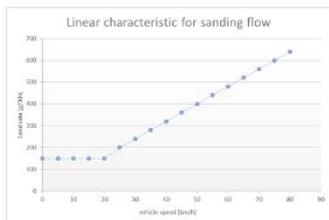
Lowest lifecycle cost and hassle-free maintenance



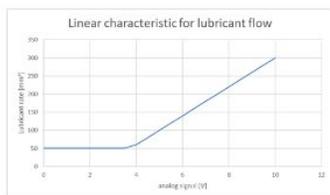
SMARTADHESION

Response time	<600ms
Precision in discharge	<5%

Nowe Cell wheel technology
in a compact and cost-optimized design



Z30



PP3

Novel lubricant pump
based on peristaltic technology

JN2

Flow-optimized discharge nozzle

Effective amount in the wheel/rail contact area at a speed of up to 100 km/h	>75%
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Suitable for different lubricants	95%
Precision in discharge	<5%

CONTACT

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