



InnoTrans 2018
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**INNOVATIONS
AND TRENDS**



Cleaning and de-coating of wheelsets/bogies



De-coating of a wheelset

The flexible technology enables economical, non-abrasive cleaning or de-coating with the aid of the robot-supported ultrahigh pressure water jet method for railcar wheelsets and bogies. Water jets are guided by a robot along the contour of the wheelset by rotating nozzles at a pressure of up to 2,500 bar and are thus able to reach the entire surface of the wheelset without modifying the wheelset surface. Further reworking will no longer be required. Physically demanding, time-consuming labour is successfully replaced with a time- and resource-saving solution, increases process reliability and assists with the conversion to the requirements of the "Industry 4.0". This innovative process has been used in an automated application for the first time worldwide.

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Subject to further change