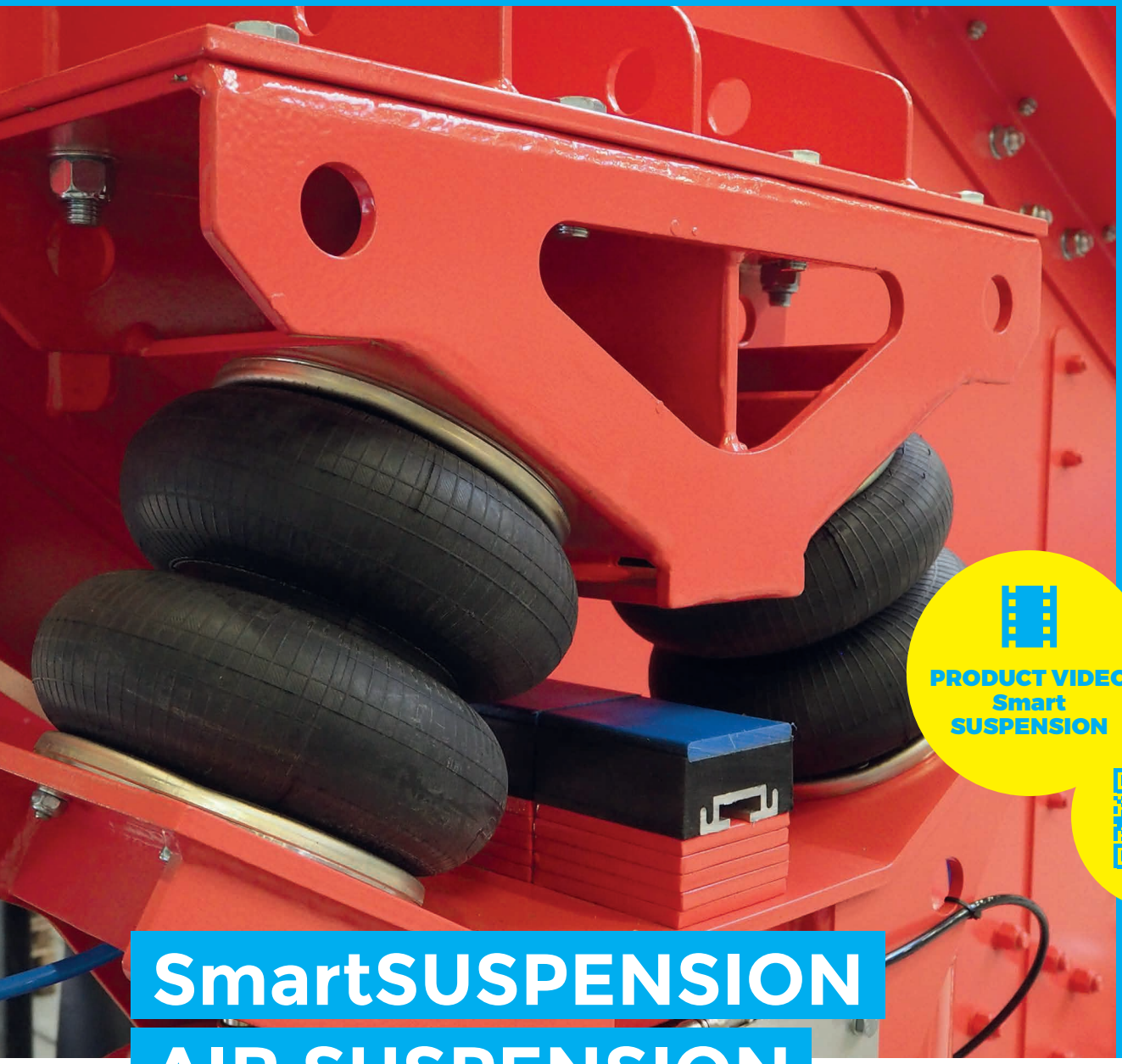
SPALECK®

FORWARD THINKING. SINCE 1869.

CONVEYING AND
SEPARATION TECHNOLOGY



PRODUCT VIDEO
Smart
SUSPENSION

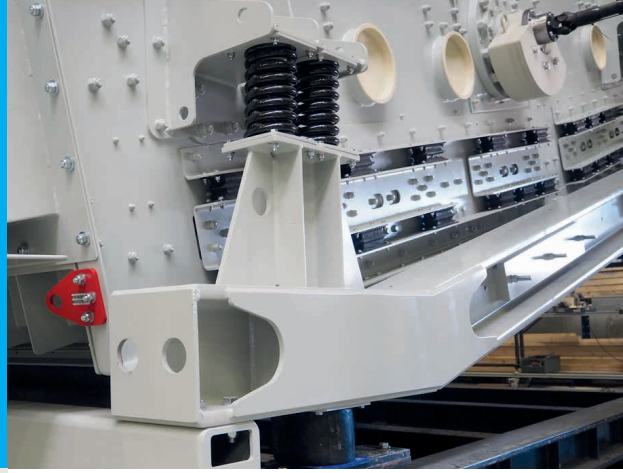
SmartSUSPENSION
AIR SUSPENSION

FOR A MAXIMUM ISOLATION OF VIBRATIONS FOR VIBRATORY MACHINES

For the first time the new **air suspension system SmartSUSPENSION** allows the shifting of vibratory machines without an additional isolation-frame and with a degree of insulation of up to 99%. The integrated soft start & stop function offers a minimum deflection of the machine, while starting up and stopping.

SmartSUSPENSION
AIR SUSPENSION

FOR A MAXIMUM ISOLATION OF VIBRATIONS
FOR VIBRATORY MACHINES



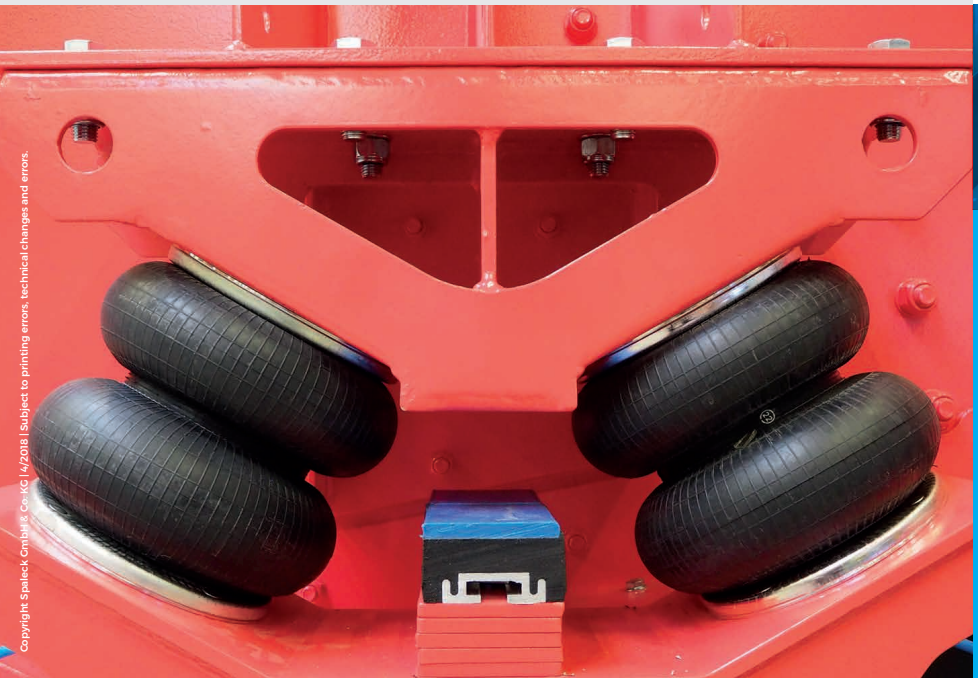
ADVANTAGES & BENEFITS

- Further improved insulation grade compared to conventional air suspensions
- Quick start and stop function thanks to an intelligently controlled damping with minimum machine deflection (machine is smoothly stopping within seconds)
- A minimum of vibrations (from dynamic loads) are taken to the ground and surrounding components / aggregates
- Elimination of the isolation-frame
- Allows a lighter execution of the steel-construction and a more simple plant-design
- No fatigue or settling-behaviour as known from screw pressure springs or rubber buffers
- Designed for the usage in harsh environments
- Best safety, operational and maintenance characteristics:
  - Optimum machine accessibility for maintenance and service
  - Simple replacement of the air bellows without any lifting equipment
  - Including control- and monitoring-system with connection to the higher-level control-system

Thanks to SmartSUSPENSION, the isolation-frame with screw pressure springs and rubber buffers, shown in the picture, is no longer required

Highly robust, cost-effective and reliable:
The integrated control-system for compressed air, which could be easily integrated into an existing supply

Very reliable even in harsh working environments:
Low-maintenance with failure protection and optimum operating characteristics - SPALECK SmartSUSPENSION technology



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