INNOVATIVE HANDLING SOLUTIONS TO MEET YOUR REQUIREMENTS

Solving Movers
FOR THE PAPER INDUSTRY

▶ Automated handling of tambours

Solving provides a wide range of automated handling systems for customers in the paper industry: AGVs, air film Movers, wheeled and railed handling equipment. The handling systems can be used not only for the handling of tambour rolls but also for handling paper reels, cores and sheet pallets.

Contact our team to discuss a solution for your specific handling requirements.

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SOLVING

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CREATING MOVEMENT

Automated handling of tambours

Field of application
Solving Movers are used for the transport of tambour rolls in production.
The Movers that can be operated on rails, wheels or air cushions have a capacity of 100 tonnes or more. They are customized, free-standing alternatives that have proven themselves both for new construction and in the modernization of older factories.

Solution on rails
Movers on rails can be built as a pair to handle different lengths of tambours.

Wheeled Mover
The Mover can be controlled manually, or alternatively integrated fully automatically into an AGV installation.
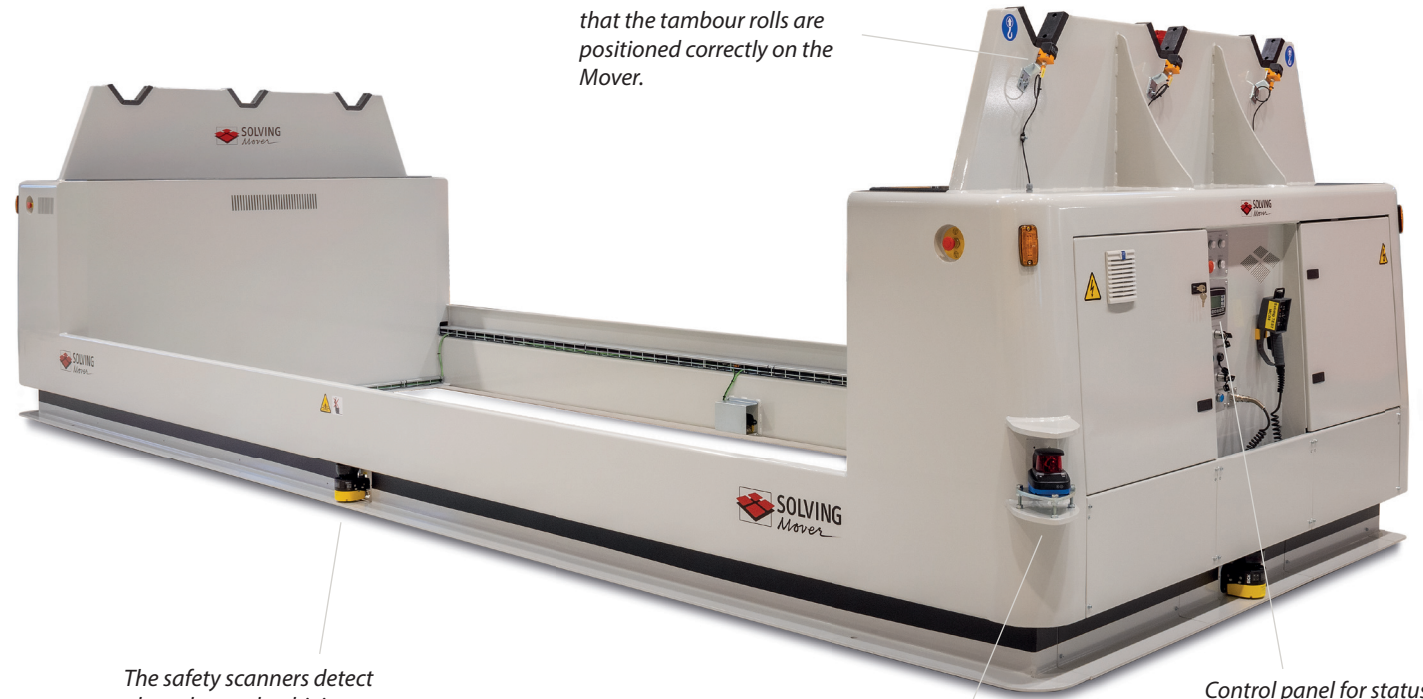
Air bearing Mover
Air bearings are particularly suitable in areas with limited floor load capacity; the point load is low and they do not require any fixed installations in the building.

Safety equipment
The Mover is fitted with safety devices that both improve safety for personnel and reduce the risk of damage to products and other equipment.
In addition to optical and audible signals the Mover can be fitted with bluespot and an additional scanner for hanging loads.
The Mover stops automatically when an obstacle is detected on the driving route.

Load sensors indicate that the tambour rolls are positioned correctly on the Mover.

The safety scanners detect obstacles on the driving route.

The AGV uses laser navigation with reflectors. Other types of navigation can also be used if required.

Control panel for status and error messages.

Technical data
(examples of installed Solving systems)

Tambour roll diameter	< 3.850 mm
Tambour roll width	7.000...10.000 mm
Tambour roll weight	133 tonnes