



Intralogistics solutions

for the tire industry

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Take advantage of Kardex Mlog's solutions designed specifically for the tire industry to make your warehouse logistics and material flows efficient, fast and reliable. We have been handling green tires for more than 20 years and we have been providing automated storage and retrieval systems (ASRS) to the tires industry for 45 years.

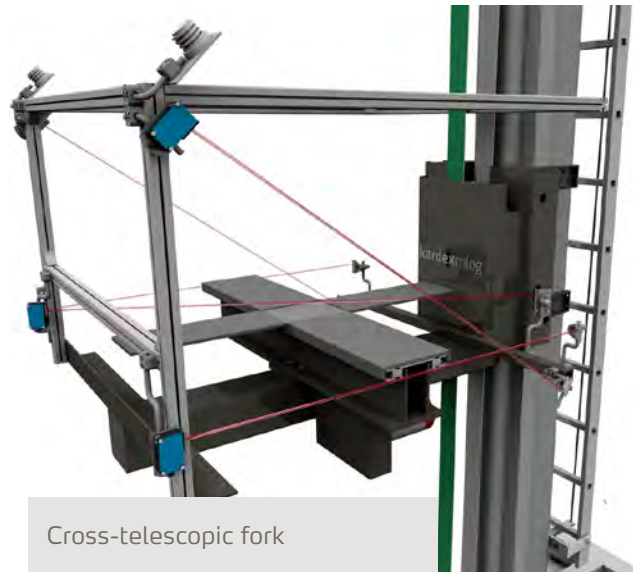
To increase your logistics flexibility and transparency, and at the same time minimise process costs, we provide tailored concepts to suit your requirements. These concepts are based on our many years of experience in the tire industry and are developed and manufactured at our headquarters in Neuenstadt/Germany.

Portfolio

- ▶ Highly dynamic storage and retrieval machines
- ▶ Special cross-telescopic fork for green tires
- ▶ Heavy-duty machines for pallets with rubber compounds
- ▶ Storage systems for the tire industry
- ▶ Integrated ASRS including material flow control and warehouse management system
- ▶ Special applications for the tire industry like cross-telescopic fork for direct handling of the tires

References

- ▶ More than 40 storage and retrieval machines already in use in the tire industry
- ▶ Automated storage and retrieval systems for green tires in continuous operation for 20 years
- ▶ Storage and retrieval machines in continuous operation in mixing rooms for 18 years



Cross-telescopic fork

Our know-how

- ▶ Many years of experience in the tire industry
- ▶ Robust construction enables 3-shift operation over many years
- ▶ Highest possible plant availability thanks to Kardex Mlog Life Cycle Service
- ▶ State-of-the-art components "made in Germany"
- ▶ In-house manufacture and software development



Automated storage and retrieval systems in mixing room



Further information

Application area Green tires



MTwini

double-mast SRM for passenger car and truck tires

Overall height: up to 24 m

Payload: max. 300 kg

Tire diameter:

up to 1350 mm

Lifting speed:

up to 120 m/min

Travel speed:

up to 300 m/min

Load handling device:

2x cross-telescopic fork, double-deep
also available with standard fork
for handling of tire trays

Application area Rubber compound pallets



MSingle B

for rubber compound pallets

Overall height: up to 45 m

Payload: max. 2400 kg

Lifting speed:

up to 100 m/min

Travel speed:

up to 240 m/min

Load handling device:

telescopic fork, double-deep
also available with two
load handling devices

Benefits

- ✔ Suitable for passenger car and truck tires of up to 150 kg
- ✔ Extremely dynamic storage and retrieval machine
- ✔ High performance thanks to two load handling devices
- ✔ High storage capacity thanks to double-deep storage
- ✔ Careful handling of green tires thanks to cross-telescopic fork

Special applications

- ✔ Storage and handling of calender rolls
- ✔ Storage and handling of customer-specific transport frames such as green-tire trucks and cassette trucks

Benefits

- ✔ Applications with 2 SRMs on a rail for very long racking
- ✔ Compact approach dimensions thanks to construction as single-mast SRM
- ✔ Closed driver's cab and upper-level maintenance platform
- ✔ Camera system at lifting carriage



Locations Kardex Mlog

Germany
Headquarter: Neuenstadt am Kocher
Other seats: Herford, Oberhausen

Locations Service Partners

Austria, Belgium, Germany, Hungary, Italy,
Luxembourg, Netherlands, Switzerland,
Serbia, Turkey

Locations Service Customers

Austria, Belgium, Brazil, Czech Republic, Denmark, Egypt, England, France, Germany,
Hungary, Luxembourg, Netherlands, Poland, Russia, Serbia, Singapore, Slovakia,
South Africa, Sweden, Switzerland, Turkey, USA



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