



MIAS Maschinenbau, Industrieanlagen & Service GmbH

Always part of the solution.



**THE BEST GENERAL
CONTRACTORS HAVE
MIAS IN THEIR
WAREHOUSE**

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About MIAS





In Focus

MIAS is the world market leader in load handling devices and stacker cranes for general contractors and system integrators.

MIAS not only supplies the solutions, but is also the right partner for the integration and life-time service of the entire system.

Profile

1947 Foundation

First field of activity: steel and mechanical engineering

1985 Change of name

Production company for conveyor technology solutions in the warehouse and logistics environment

1989 Expansion

Entry into international markets

2015 Takeover

by Jungheinrich AG. Continuation as an independently operating company and independent brand

2020 Move

to a new modern company building in Eching

Employees

more than 475 in six subsidiaries
(Australia, China, Germany Eching & Nabburg, Hungary, USA)

Product focus

Stacker cranes and load handling devices/telescopic forks/shuttles
Retrofit, service and maintenance work

Exemplary sites: Germany, Hungary, China, USA



Eching (Ger)



Gyöngyös (Hu)



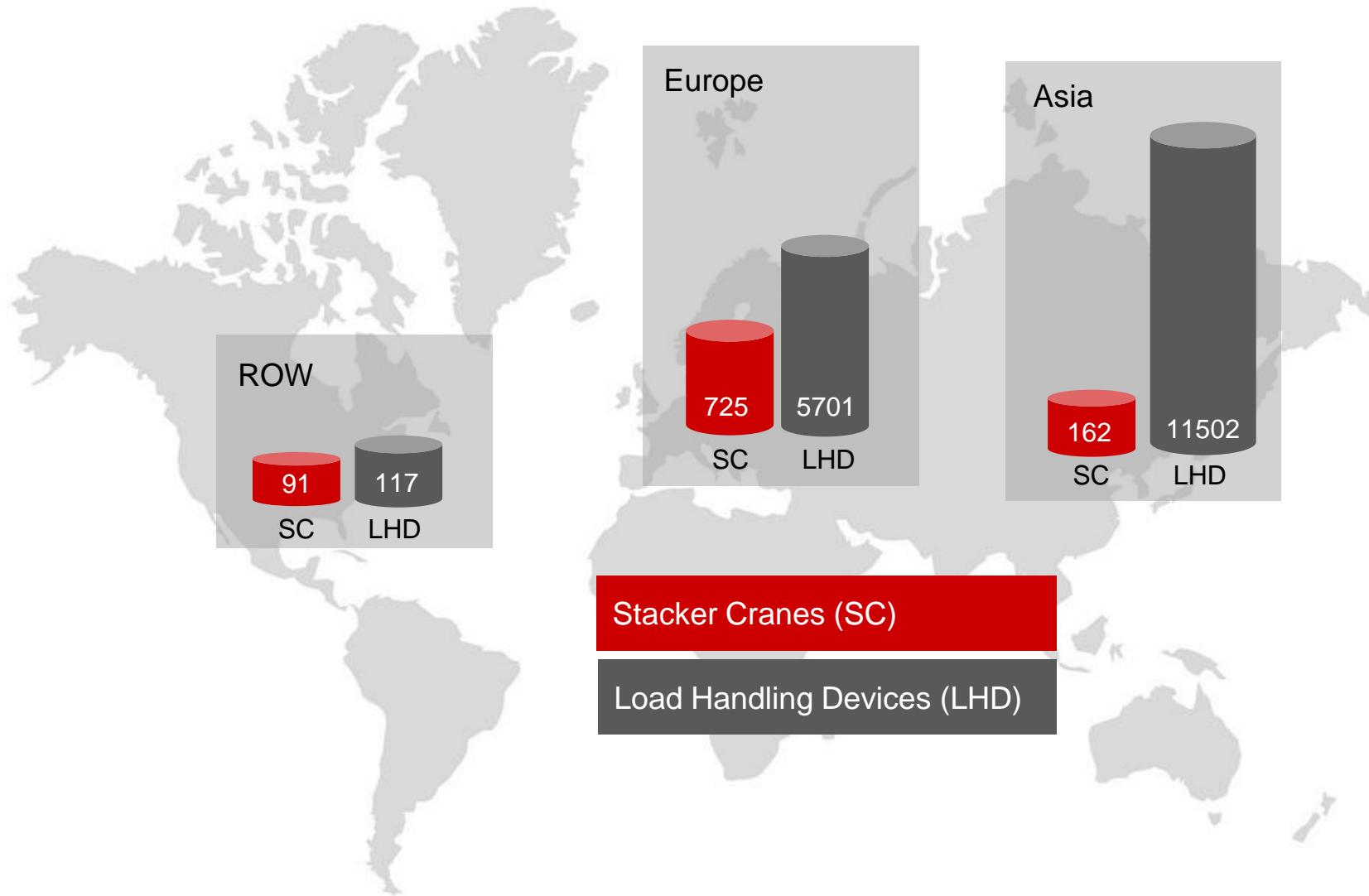
Kunshan (Cn)



Charlotte (USA)

Globally successful

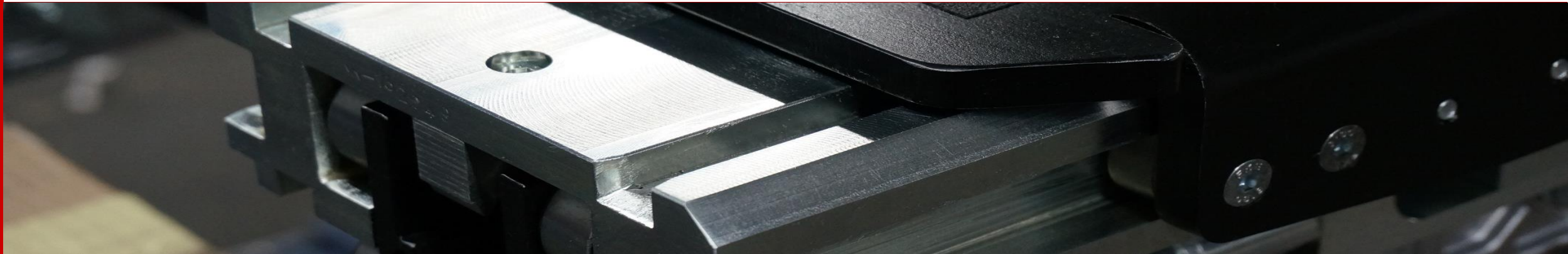
LHD and SC sold in the period 2016-2020



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Load Handling Devices

Innovative. Reliable. Efficient.



Load Handling Devices for pallet & miniload

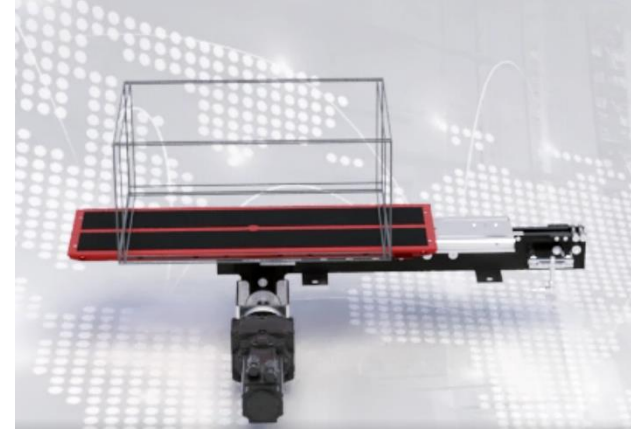
World leader - tried and tested a thousand times over



LHD for pallets

reliable and resilient:

- ▲ Single-deep telescopic fork
- ▲ Double-deep telescopic fork
- ▲ Double-deep Pickup telescopic fork
- ▲ Eccentric-stroke combined telescopic fork
- ▲ Chain conveyor combined telescopic fork
- ▲ Combined telescopic fork with inclination device
- ▲ Combined telescopic fork with tine adjustment
- ▲ Telescopic fork for industrial trucks
- ▲ Shuttle



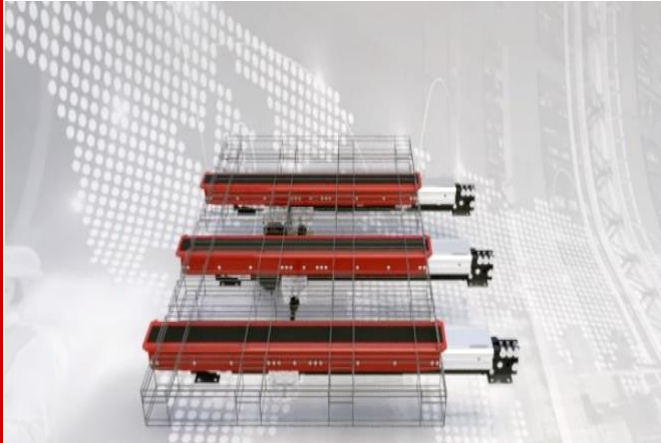
LHD for miniloads

fast and accurate:

- ▲ Single-deep Miniload telescopic fork
- ▲ Double-deep Miniload telescopic fork
- ▲ Telescopic fork with belt conveyor
- ▲ Telescope belt conveyor
- ▲ Viper X carton gripper

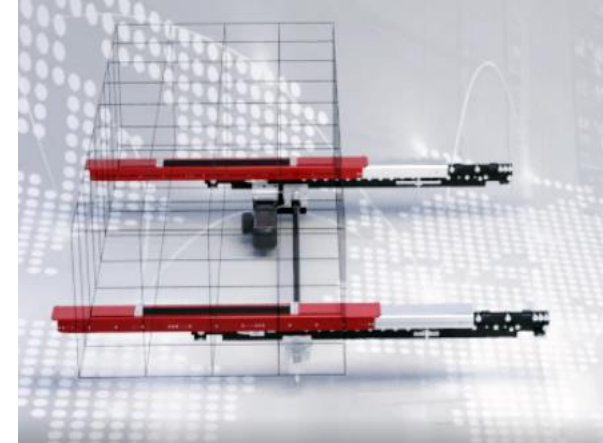
Load handling devices for heavy duty & vehicle bodies

The original - unchallenged for decades.



LHD heavy-duty: For high weights in plant and mechanical engineering

- ▲ Single-deep, heavy-duty telescopic fork
- ▲ Double-deep, heavy-duty telescopic fork
- ▲ Super heavy-duty telescopic fork



LHD for vehicle bodies:

- ▲ Telescopic forks for vehicle bodies
- ▲ Eccentric-stroke telescopic fork

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Stacker Cranes AS/RS

The driving force in high-rise storage facilities and automatic small components warehouses



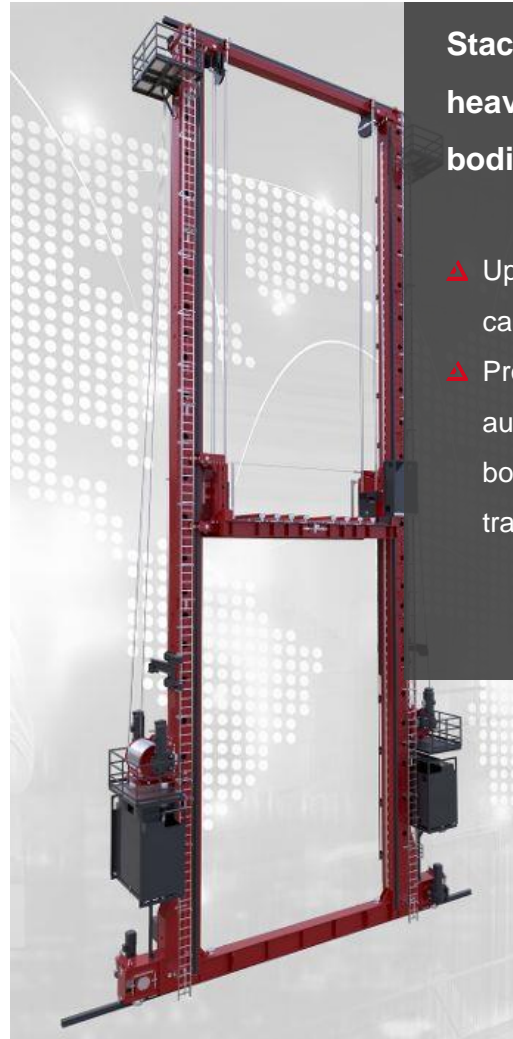
Stacker Cranes AS/RS

Premium in quality and performance



Stacker Cranes series PAL for pallets

- ▲ Over 40 years of experience in design, construction and implementation
- ▲ Continuous optimization
- ▲ Available in many variants
- ▲ 2021 new generation PAL



Stacker cranes for heavy-duty and vehicle bodies

- ▲ Up to 40 tons load capacity
- ▲ Proven for years in the automotive sector for car bodies, engines and transmissions



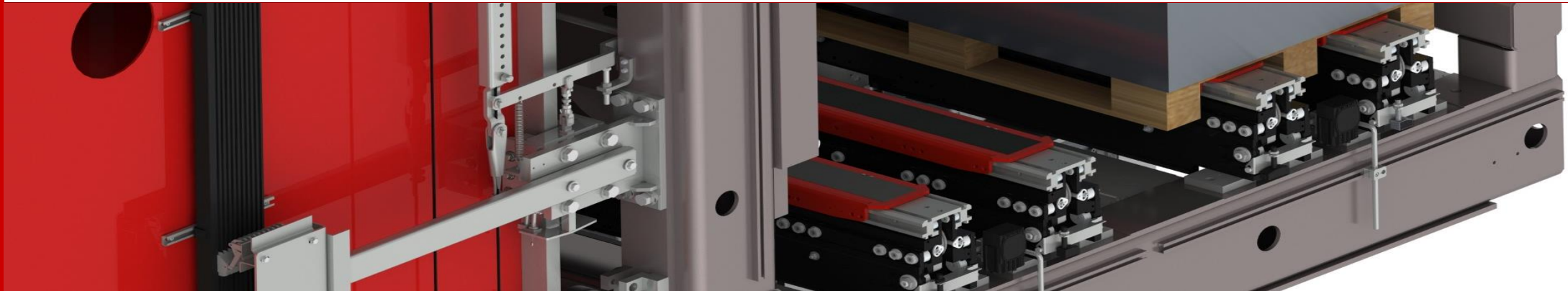
Stacker cranes series AKL for miniload

- ▲ MIAS new development
- ▲ Low energy consumption
- ▲ Fast and light

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Retrofit & Service

Perfect all-round support for maximum plant availability



Service & Wartung



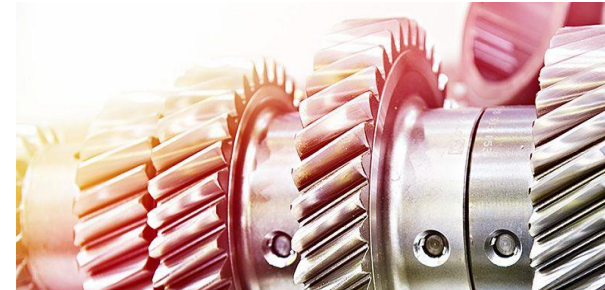
Inspection

- △ Qualified information about current system status
- △ Risks and problems are flagged up
- △ You can plan maintenance work better and reduce repair costs
- △ Easier to budget
- △ Avoid downtimes



Maintenance

- △ Recommendations for the punctual replacement of wearing parts
- △ Less downtime
- △ Increased system service life
- △ Can be combined with the UVV inspection, ladder, arrester and fall protection PPE inspection and oil analysis



Spare Parts

- △ When we configure your spare parts package, MIAS also provides advice on your individual risk profile
- △ MIAS uses only high-quality genuine parts
- △ Spare parts are available for both MIAS and third-party systems
- △ If you wish, we can provide individually manufactured spare parts



Analysis

- △ Oil analysis of hoist drives and drive units
- △ Motion analysis
- △ Economic efficiency of an application of the ARATEC positioning system

Retrofit



Retrofit load handling device

- △ Actual wear analysis of the unit
- △ Report compilation
- △ Cost estimate for repair work
- △ Replacement of all wearing parts and faulty components



Retrofit stacker cranes

- △ Targeted modernization of existing plants
- △ Manufacturer-independent
- △ Conversion within shortest time
- △ Without downtime
- △ Establishment of spare parts availability



Grinding

- △ Grinding of the lifting guide rail or the rails
 - △ Situation analysis including assessment of rail condition
 - △ Feasibility check as basis for decision
- Running properties.



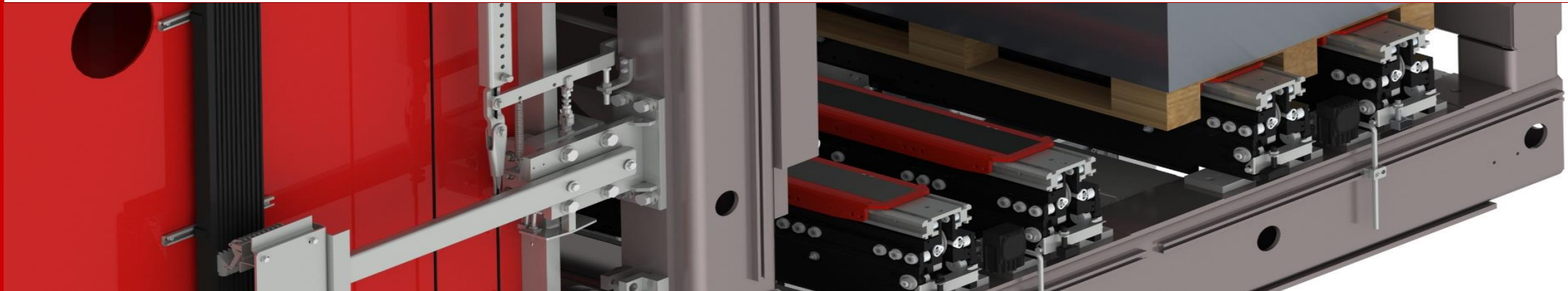
Optimization

- △ Fully automatic detection of the optimal driving profiles
- △ Compensation of oscillations
- △ Time and path optimized travel curves
- △ Reduction of mechanical stress - less energy consumption
- △ Increase in throughput

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References

We work for the leading companies in all industries



Exemplary References

MIAS is always part of the solution.

 Automotive	 Chemicals	 Beverages
 Timber	 Pharma	 Plastic
 Food	 Air freight	 Frozen goods
 Furniture	 Paper	 Steel



AUDI Alois Berger BMW Daimler Deutsche Benkert
 dm Dr. Oetker EDEKA Egger Engel Helios
 Hochland huber group Husqvarna Hydro Aluminium
 Hyundai IWIS Jeld Wen Kaindl Krones Kronospan
 Magna Mann+Hummel Mondi BP Müller Pfeiderer
 Recaro Rowenta SCA SEAT SKF Spar Staedtler
 Stahlgruber Stoba Viessmann VW

