

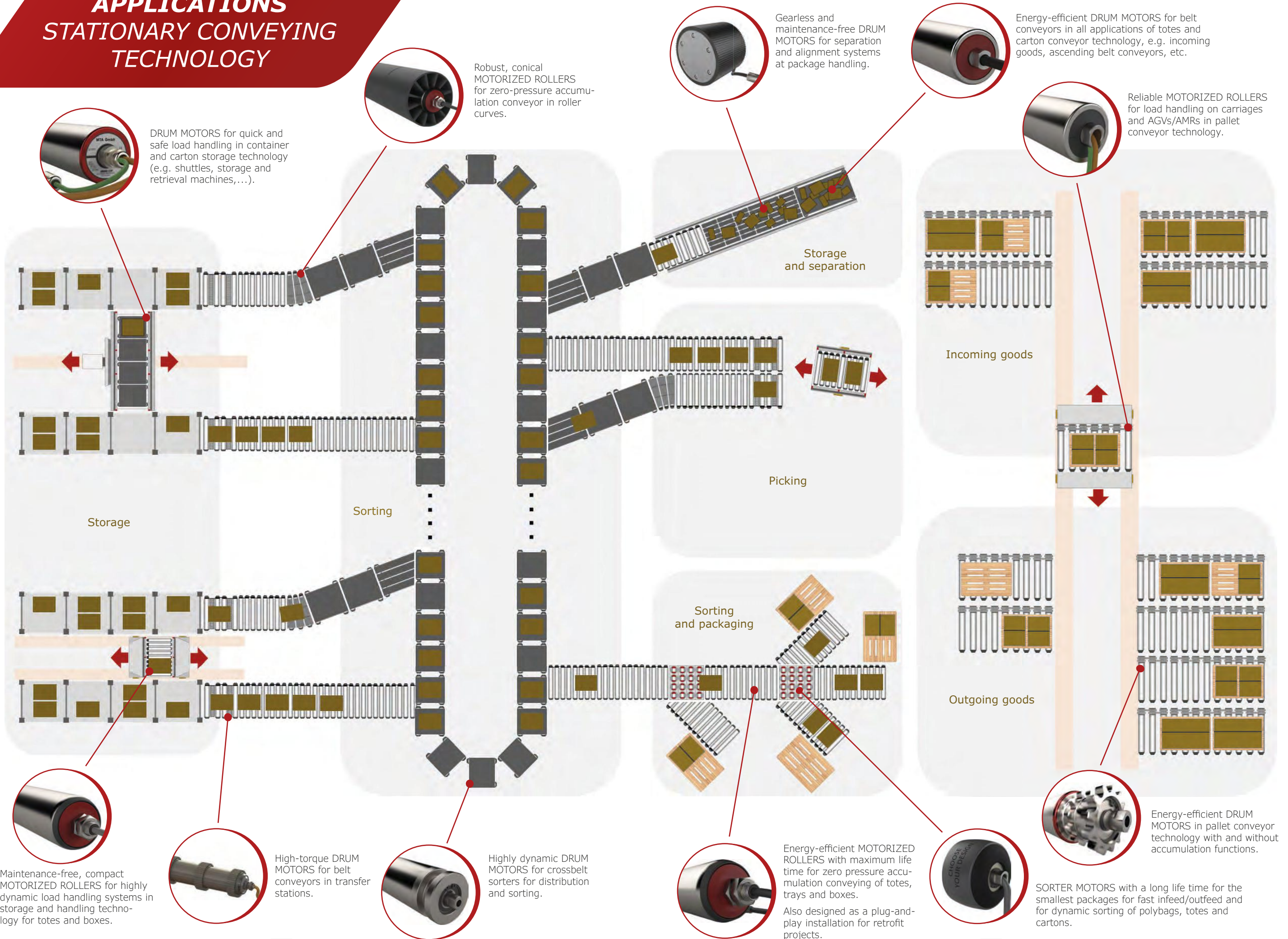
STATIONARY CONVEYING TECHNOLOGY

MTA
innovation is our drive

**Intelligent drive systems
for the future of
intralogistics**



APPLICATIONS STATIONARY CONVEYING TECHNOLOGY



INNOVATIVE

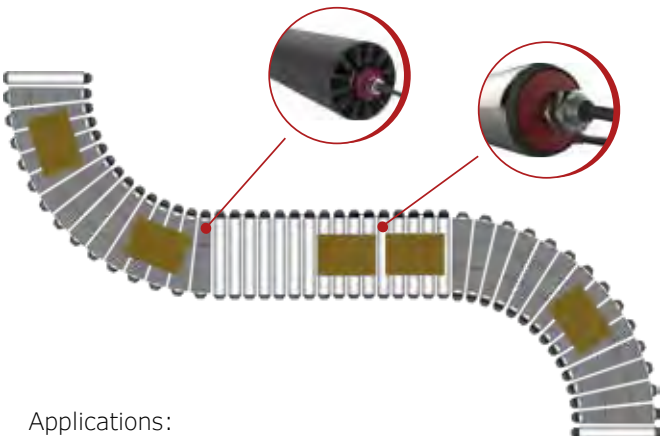


Efficient **MOTORIZED ROLLERS** for zero-pressure accumulation conveying

Gearless version for low-noise transport in warehouse and conveying technology.

- Less cabling thanks to the integrated motor controller
- Communication via standardised I/O interfaces
- Full digitalisation and diagnostics in the CANopen version

Performance data	
Power	23 W and 35 W
Voltage	24 VDC and 48 VDC
Speed	0 - 1 m/s
Clamping length	170 - 1300 mm
Diameter	50 mm



Applications:

- Zero pressure accumulation
- Curved roller conveyor
- Perfect for retrofit of existing systems

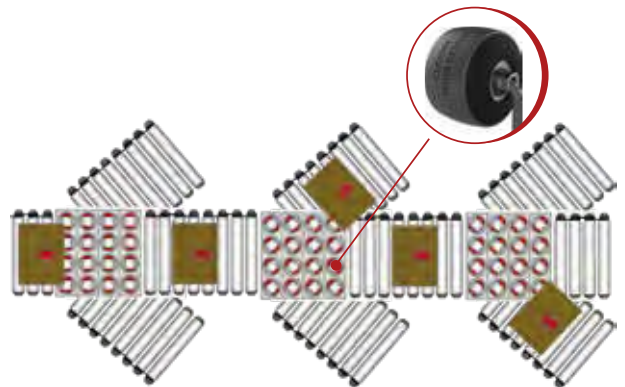


Compact **SORTER MOTORS** for the fastest sorting applications

Infeed and outfeed of smallest totes due to high roller density.

- Individual speed control of each motor by the MTA multi-channel controller
- Long life time and maintenance free
- Flexible structure thanks to scalable electronic and motor designs
- Cost reduction through sensorless technology

Performance data	
Power	15 W and 25 W
Voltage	24 VDC and 48 VDC
Speed	0 - 2.5 m/s
Clamping length	30, 52, 69 mm
Diameter	51 mm



Applications:

- e.g. 45° sorting for containers, packages and polybags
- 90° outfeed for transfer elements

HIGH-PERFORMANCE

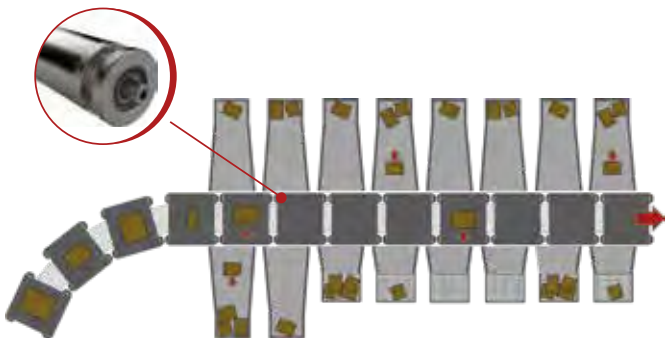


DRUM MOTORS for highly dynamic crossbelt sorters

Maximum accelerations and decelerations in distribution and sorting technology.

- Version with and without planetary gear
- Different encoder systems can be implemented
- For crossbelt sorters up to 50 kg package weight

Performance data	
Power	50 W and 260 W
Voltage	24 VDC and 48 VDC
Speed	0 - 2.4 m/s
Clamping length	170 - 1300 mm
Diameter	50, 80 mm



Applications:

- Crossbelt sorter for package handling
- Infeed belt conveyor

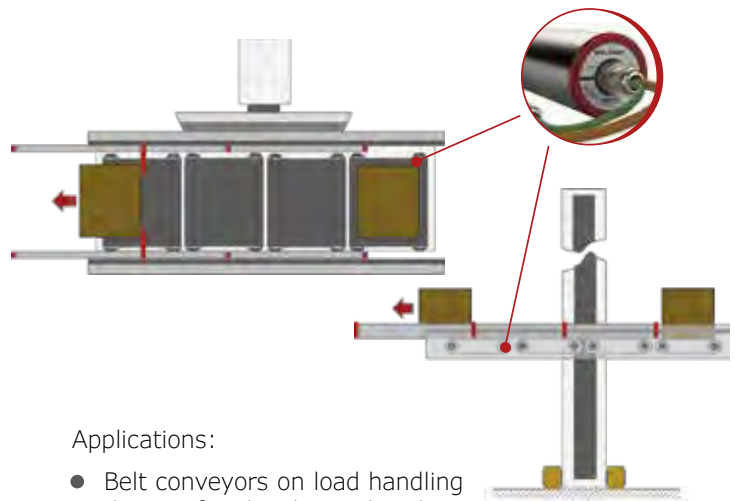


Proven DRUM MOTORS for almost all applications

Indispensable device for load handling in storage and conveying technology.

- Flexible adaptation to decentralised third-party controllers
- High performance range for dynamic storage/retrieval
- Scalable performance and size

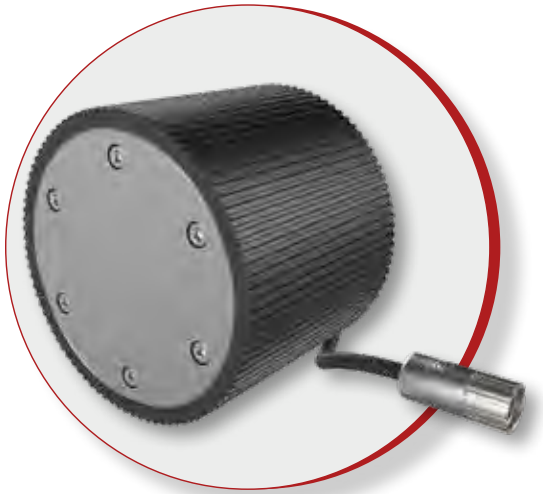
Performance data	
Power	310 W
Voltage	400 VAC
Speed	0 - 2.4 m/s
Clamping length	235 - 1300 mm
Diameter	80 mm



Applications:

- Belt conveyors on load handling devices for shuttles and AS/RS

STURDY

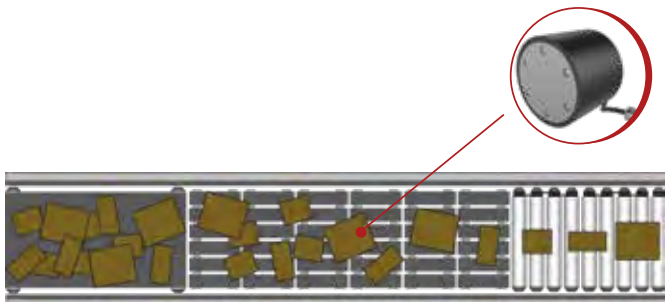


Innovative DRUM MOTORS with outstanding technology

Highly dynamic alignment and separation of chaotically arranged package streams.

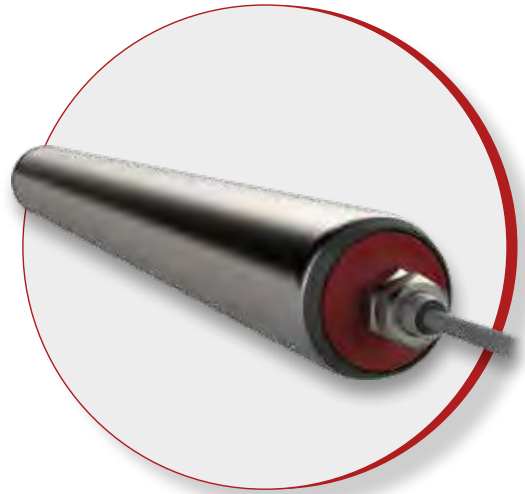
- Smooth running due to gearless design
- Maintenance-free and long life time due to sturdy design
- Space-saving direct drive

Performance data	
Power	420 W
Voltage	48 VDC
Speed	0 - 4.5 m/s
Clamping length	120 mm
Diameter	150 mm



Applications:

- Belt drive for separation of polybags, totes and cartons

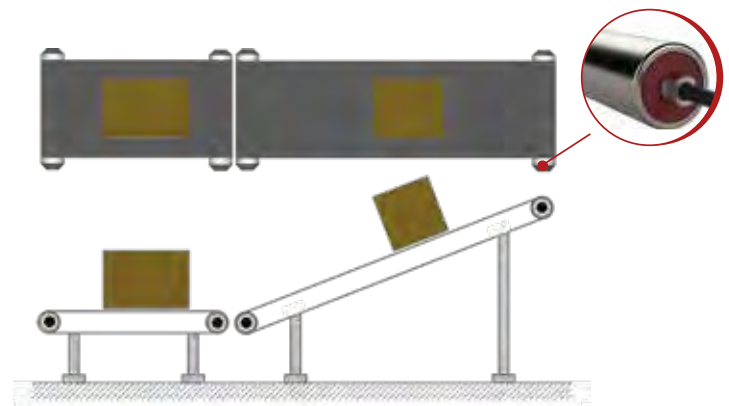


Powerful DRUM MOTORS with high performance

Ideal drive technology for belt conveyors in totes and carton transportation.

- Flexible adaption for decentralised third-party controllers
- Different gear ratios for individual conveying applications
- Numerous tube versions available for a wide range of applications

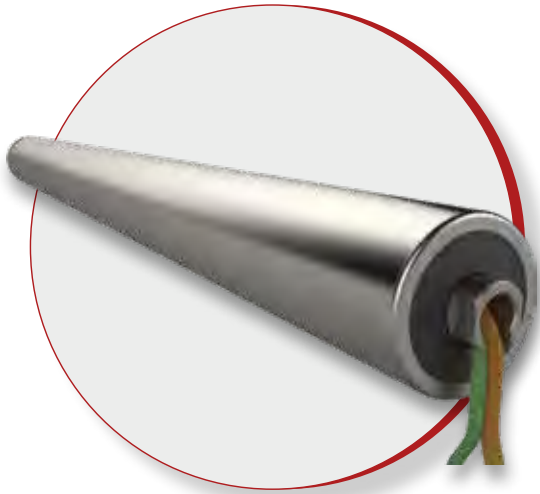
Performance data	
Power	150 W
Voltage	48 VDC
Speed	0 - 2.24 m/s
Clamping length	275 - 1300 mm
Diameter	60 mm



Applications:

- Belt conveyor technology
- Belt conveyor with incline/descent
- Belt in-/outfeed

COMPACT

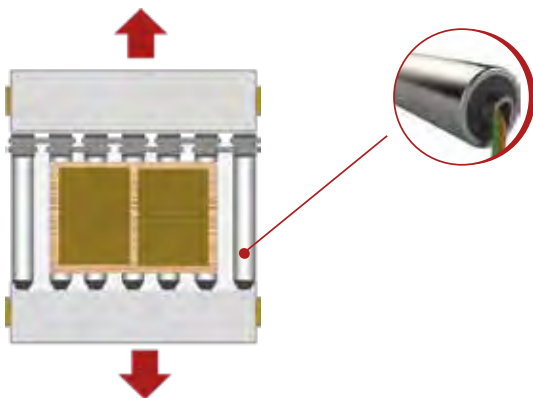


MOTORIZED ROLLERS for reliable load handling

For carriages, AGVs and AMRs in pallet conveyor technology.

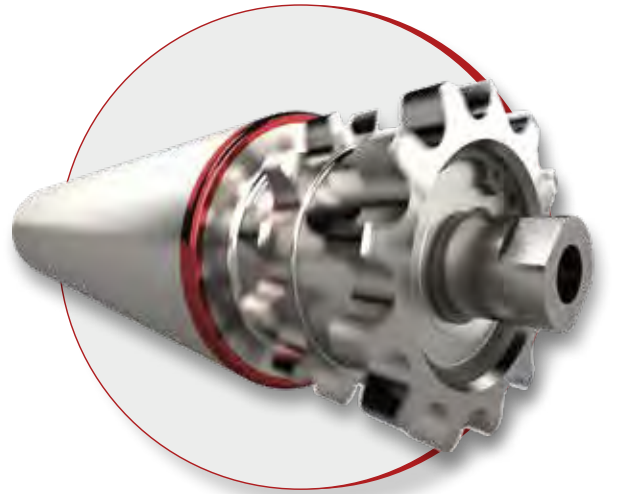
- Smooth acceleration and deceleration
- High positioning accuracy thanks to integrated motor controller
- Communication via standardised I/O interface
- Full digitalisation and diagnostics in the CANopen version

Performance data	
Power	200 W
Voltage	48 VDC
Speed	0 - 1.4 m/s
Clamping length	500 - 1300 mm
Diameter	80, 89 mm



Applications:

- Load handling device for pallet transport
- Roller conveyors on AGVs and AMRs

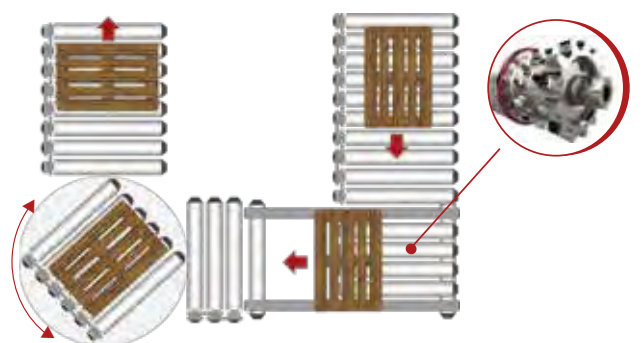


Sturdy DRUM MOTORS for heavy loads

Ideal solution for applications in pallet conveyor technology.

- Smooth transport of goods with decentralised MTA motor controller
- Simple integration into third-party controllers by using individual encoder systems
- Individual adjustable power transmissions (sprockets, toothed belt,...)

Performance data	
Power	260 W
Voltage	48 VDC
Speed	0 - 0.34 m/s
Clamping length	380 - 1300 mm
Diameter	80, 89 mm



Applications:

- Pallet conveyor technology with and without accumulation function
- Conveying technology for lattice boxes and special racks






www.mta-innovation.com

MTA
innovation is our drive

Westbahnstrasse 32
A-4482 Ennsdorf
Austria

T +43 720 920 500
E office@mta-innovation.com
W www.mta-innovation.com

 www.facebook.com/MTAGmbH
 www.linkedin.com/company/mta-innovation
 www.instagram.com/mta_innovation

This folder contains information about our illustrated products. Further details about characteristics and currently valid technical data are given in our offers and order confirmations. Subject to typographical and printing errors. Images and texts from this folder may not be used without our express written consent. Figures and symbol images: MTA; Owner, editor and publisher: MTA GmbH, Westbahnstrasse 32, A-4482 Ennsdorf; Print April 2023.