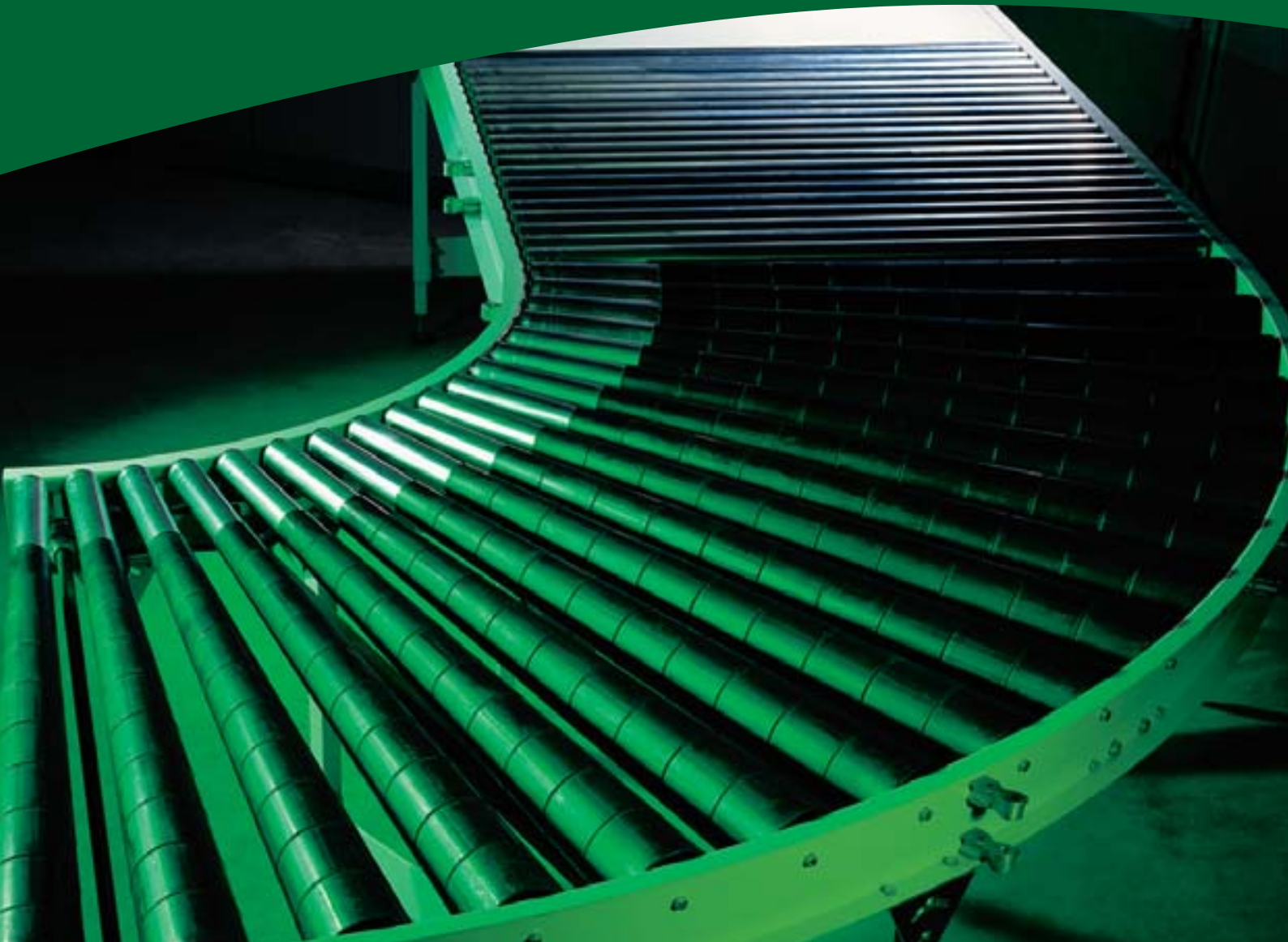


Roller conveyors made by AMI



Support rollers



Roller conveyor feed piece

Whether you require a single track, smooth running roller conveyor or an individual tailored conveyor equipment for your materials handling system, AMI is your proficient and dependable partner. You can rely on the high quality of AMI products, which ensures optimum economy and a long service life.

Roller conveyers are available:

- without a drive unit as smooth running or gravity roller conveyors
- with tangential flat belt, round belt or toothed belt drive

Curves are available with various radii, angles, roller and drive designs, all manufactured by AMI. AMI roller conveyors

are suitable for all applications where units such as

- bins / boxes
- packages / cardboard boxes
- workpiece carriers / trays
- pallets / box pallets

are to be conveyed.

From warehouse to production facility, from the incoming goods department to the despatch department to inter-linking your production and processing machines.

Systematic flexibility

The frame assembly of AMI roller conveyors is composed of 2 parallel sections made from steel or anodized aluminium which are connected by means of cross members fastened using screws. Depending on the material to be conveyed and individual requirements, we offer rollers made from plastic or bright or galvanized steel tube with a diameter between 20 and 60 mm with chain wheels made from plastic or steel or with grooved chain wheels for O-belts. Belts are available in various widths in increments of 50 mm, intermediate widths also being available. A large range of accessories is available to make the system entirely suitable for your particular application, e.g.,

- telescopic or screwed feet
- holders for sensors etc.
- lateral guides
- safety guards
- units suspended from the ceiling
- cantilever supports

Furthermore we propose a complete range of separators and extractors such as:

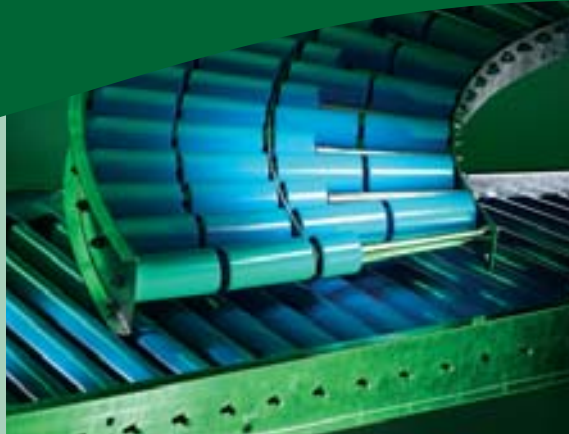
- pneumatic locks and clamps
- belt lifting and swivelling devices
- pushers and deflectors
- patented rotary extractors

Variable drive

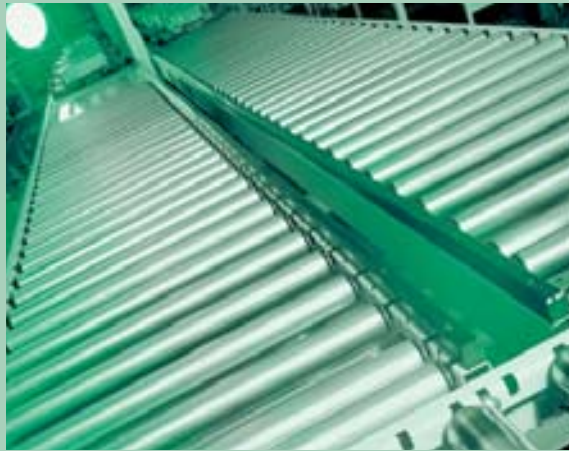
Depending on the particular application, a central or front drive system may be used. Usually the drive in its casing, made from steel sheet or aluminium, is installed below the conveyor supporting structure but it is also available as an external drive.

From light- to heavy-duty

AMI roller conveyors can be designed for maximum weights of 60 kg per unit load. Roller conveyors for Euro pallets and special pallets with a unit weight of up to 2,000 kg are also available.



Smooth running roller conveyor



Driven roller conveyors



Sloped extraction separator



Pallet roller conveyor

High performance with no dynamic pressure

By fitting a lifting segment, the roller conveyor with low dynamic pressure becomes an ARF-S/50 roller conveyor with no dynamic pressure. A servovalve with logic control is used to switch this segment, which lifts the rollers from the belt and acts at the same time as a brake.

This technology prevents the items conveyed from making contact with each other and ensures gentle conveying of even most delicate goods. The length of the segment corresponds to the length of the item conveyed including the necessary spacing.

If the next segment is occupied, movement is stopped until the sensors indicate that the segment is clear so that movement can be continued. The logic control system allows the extraction of both batches and individual bins/packages to be controlled.

Extension of a roller conveyor with low dynamic pressure to obtain a roller conveyor with no dynamic pressure is possible at any time.

AMI roller conveyors are high-grade and good value for money modules that allow your conveyor system to be adapted to suit any operational conditions. The best quality and a trend-setting development programme guarantee a system that offers maximum availability. Take advantage of the AMI technology that many renowned companies rely upon. We would be pleased to provide further information.



Segment



Belt extractors



Pneumatic lock/stopper



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