



Roller conveyors

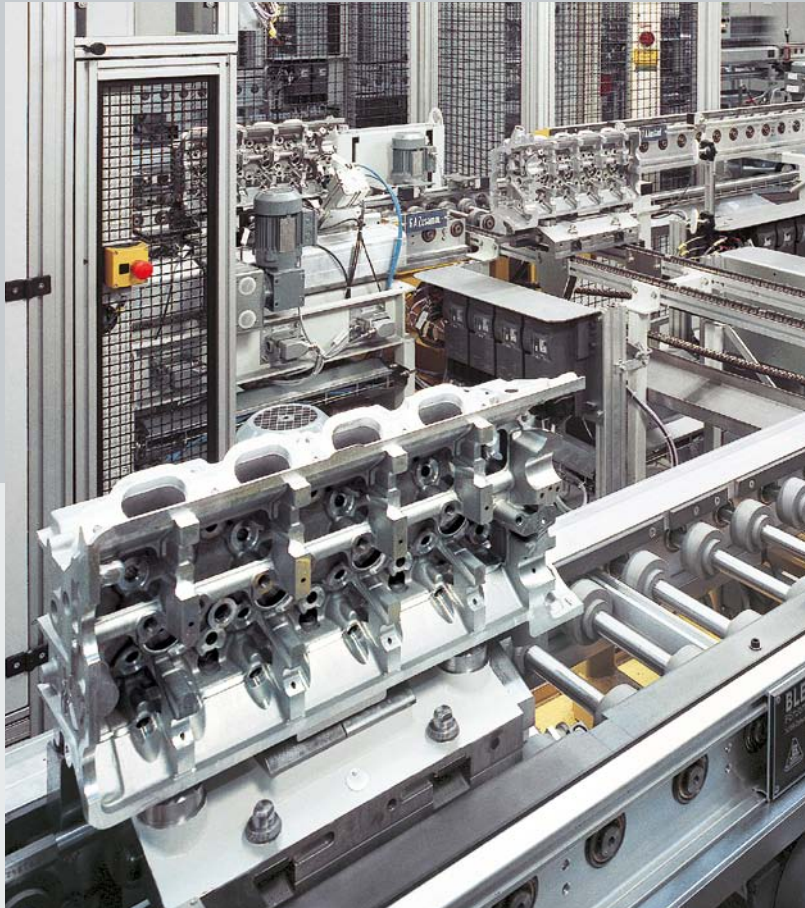
Modular assembly transport systems



- For the most varied application fields
- Suitable for weights from 200 to 500 kg
- Automatic accumulation function independent of weight (except for AL30)
- Robust design, durable and maintenance-free



Innovative roller conveyor systems for all assembly and transport tasks – provided by your system partner for automation and conveyor technology

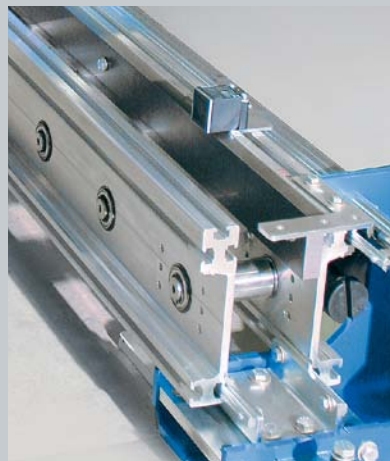
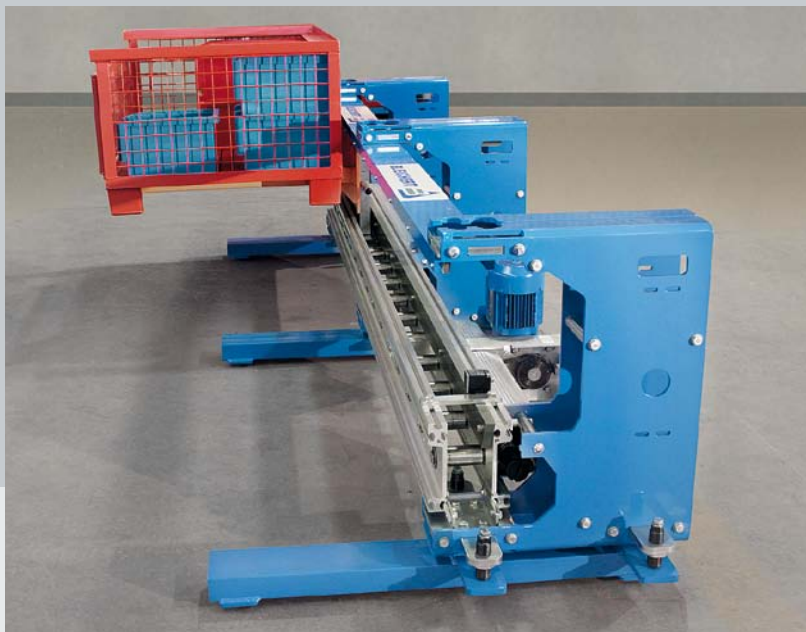


Custom-tailored solutions

BLEICHERT constructs modular roller conveyors to your exact specifications and adapted to the material you need to convey. This guarantees highly efficient work sequences especially when transporting and backing up already processed workpieces and pallets.

BLEICHERT friction roller conveyors have the following outstanding advantages:

- All models are accurately adapted to their application
- Suitable for workpiece weights from 200 to 500 kg, depending on the type
- With automatic accumulation function, independent of the weight
- Variable selection of rollers
- Retrospective adaptations are possible at all times



**montamatic® RoV:
Vertical, especially ergonomic
pallet circulation system**

montamatic® RoV is a track-mounted, vertical assembly and transport system. The workpieces can be easily accessed from all sides. With the lifting/lowering/turning and swivelling units, workplaces can be designed freely and entirely flexible without cycle constraint.

The special advantages of montamatic® RoV are:

- Workpiece weight up to 500 kg, load moment up to 3,000 Nm
- Upright transport of pallets or suspended transport of workpieces and devices with optimum accessibility for assembly available
- Automatic accumulation function, independent of weight
- Drive via maintenance-free bevel gear sets, adjustable friction
- Specially protected drive elements, therefore also ideal in locations with oil spillage

The modular design guarantees optimum flexibility and profitability



Roller conveyor AL30

This design allows the direct transport of workpieces for example truck crankcases with a weight of up to 500 kg, without pallets. The protected drive elements make it especially suited for workplaces where swarf and emulsions waste are present.

Other advantages of the AL30:

- Drive from roll to roll via chain wheels and stainless steel chains
- The application of a safety friction clutch in the drive housing prevents hazards to workers, even in case of heavy loads
- Maintenance-free, all drive elements are accessible from the outside
- Roller bodies can be adjusted individually to the application



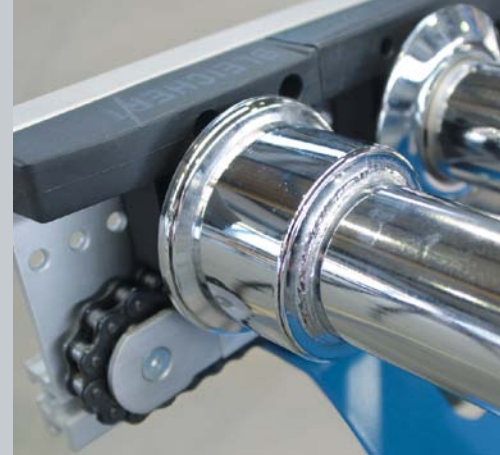
Roller conveyor AL25K

Recommended for the direct transport of processed workpieces, for example vehicle crankcases or truck cylinder heads. Workpieces up to a total weight of 400 kg can be transported and processed with the AL25K. It features an automatic accumulation function which is independent of the weight.

Other advantages of the AL25K:

- The protected drive elements make it especially suited for workplaces where swarf and emulsions waste are present
- Drive via maintenance-free bevel gear sets
- All drive elements can easily be accessed externally
- Variable propulsion through adjustable friction
- Roller bodies can be adapted to individual applications and consist of steel or plastic

BLEICHERT roller conveyors adapt flexibly to your operating procedure

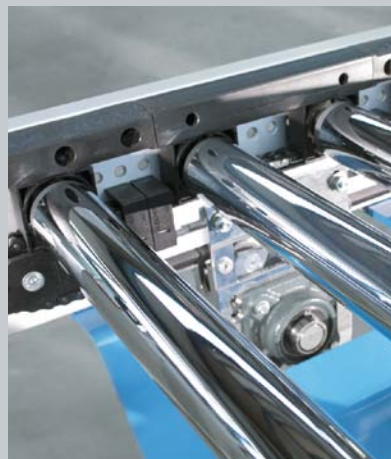


Roller conveyor AL20

This design was especially developed for the transport of pallets. The maximum pallets weight is 400 kg. Just like the other designs of the AL series, the AL20 also has an accumulation function.

Other advantages of the AL20:

- The ideal solution for high pallet transport loads
- Driven via a tangentially aligned standard chain
- Selection of the roller surface to suit individual applications



Roller conveyor AL15

The ideal design for the direct transport of smaller workpieces, for example brake disks, but also for pallets. The maximum workpiece weight is 200 kg. The AL15 also features protected drive elements, which makes it especially suitable for environments in which swarf and emulsion waste are present.

Other advantages of the AL15:

- Driven via a tangentially aligned standard chain
- Selection of the roller surface to suit individual applications
- Accumulation function

Retrofitting and adaptation is always possible with BLEICHERT roller conveyors



Customers increasingly demand high investment safety. This is why BLEICHERT supplies “ready-for-the-future” systems with flexible utilisation that can be adapted to changing operating procedures at any time. Our company is certified according to VDA 6.4. This and the name BLEICHERT stands for a permanently high quality standard and continuous advance development across the entire process chain.

Technical data friction roller conveyors

| Types | Material to be conveyed weight | Conveying speed |
|-------|--------------------------------|------------------|
| AL15 | 200 kg *) | 0.05 ... 0.3 m/s |
| AL20 | 400 kg *) | 0.05 ... 0.3 m/s |
| AL25K | 400 kg *) | 0.05 ... 0.3 m/s |
| AL30 | 500 kg *) | 0.05 ... 0.3 m/s |

| Accumulating roller conveyor | Material to be conveyed weight | Conveying speed |
|------------------------------|--------------------------------|-----------------|
| | 500 kg | 0.1 ... 0.3 m/s |

*) Depends on the division of the rollers and the number of supports

Technical data montamatic® RoV

| | |
|---|-----------|
| Loading by customer (device and workpiece) | 500 kg |
| Load moment at a construction height of 750 mm | 3,000 Nm |
| Maximum load per 3 m segment | 1,000 kg |
| Maximum load per 6 m segment in accumulation operation | 2,000 kg |
| Conveyor speed with load of 200 kg | 0.3 m/s |
| Conveyor speed with load of 500 kg | 0.2 m/s |
| Pulse time | min. 30 s |
| Station change pattern 1,500 mm | 15 s |
| Repetition accuracy front edge pallet (X, Y, Z) | |
| Same pallet in one station (without separate centering) | ± 0.5 mm |
| Minimum construction height top edge scaffold | 750 mm |
| Minimum pallet length | 500 mm |



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