

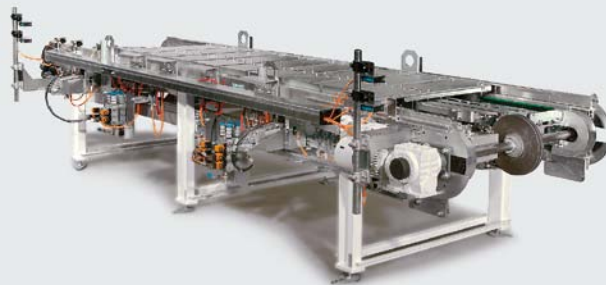


montaflex®

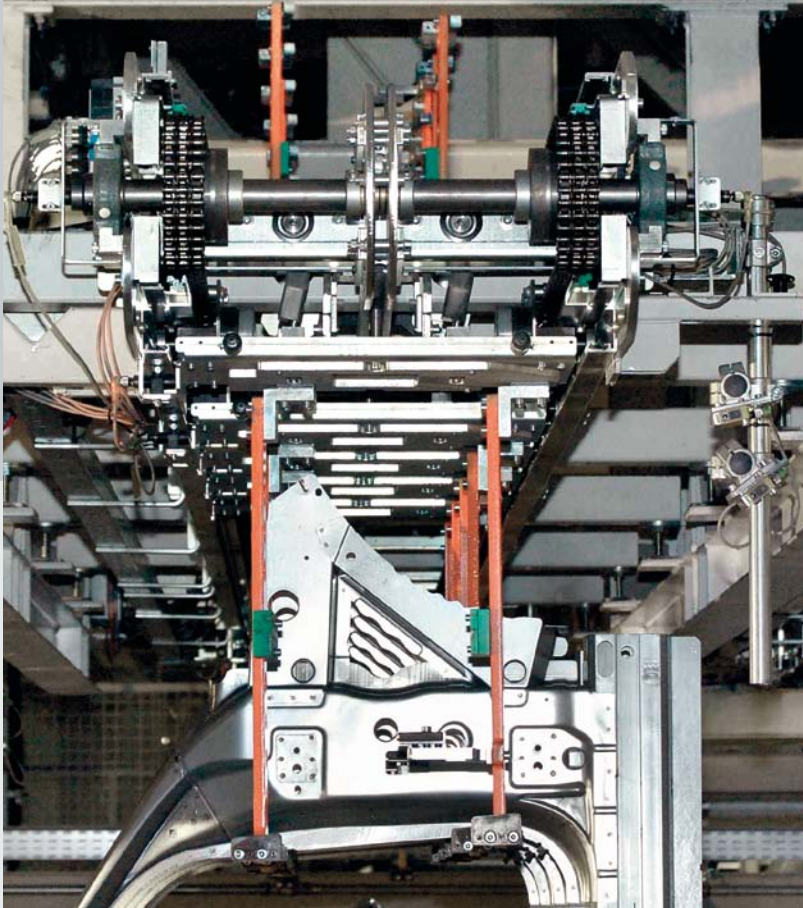
Flexible accumulating conveyor for the transport and buffering of workpieces on pallets



- High flexibility accumulating conveyor systems
- Low-wear and maintenance-free pallet pickup through patented hysteresis elements
- Maximum availability
- Long life
- Very economical



Optimise the transport and buffering of workpieces with montaflex® the highly flexible accumulating conveyor system

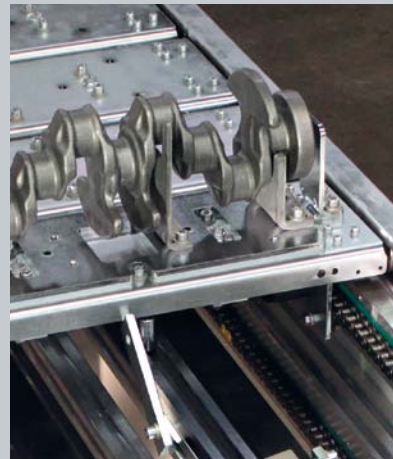
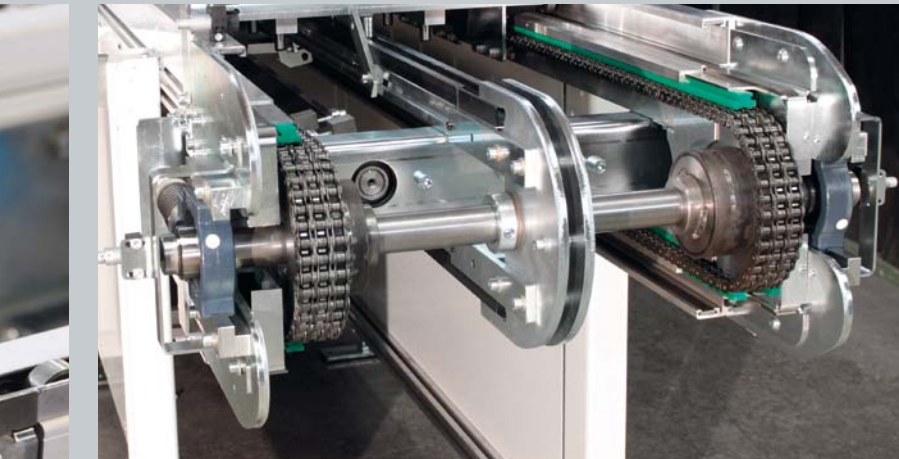


Added value through technical highlights

BLEICHERT montaflex® accumulating conveyors can be integrated variably into all hall layouts. Connecting manual and automatic workplaces and stations over a distance of between 2.5 to 35 metres.

Other advantages are:

- Transport of components on workpiece carriers for standing or suspended alignment
- Flexible placement of separations and stops
- Extremely high availability, long life and high economic cost-benefit ratio



Variable and interlinkable pallets

For wear and maintenance-free pallet transport, BLEICHERT uses the permanent-magnetic hysteresis effect. This technical highlight grants the operator decisive advantages in rough everyday operation.

- Pallets can be transported individually or in a train of up to 6 pallets
- Pallet trains up to a length of 1,800 mm
- Pallet widths variable from 600 to 1,500 mm
- Up to 4 m² basic surface achievable through screwed-on workpiece pickup
- Only one drive motor required for pallet transport

montaflex®

Low-maintenance and highly variable



The core of the BLEICHERT montaflex® are pallets with a length of 300 mm with four rollers each, two hysteresis couplings, deflection moulds, and a centering system. The bearing strength of the workpieces is deflected via the rollers and not via the drive chains.

This is why the montaflex® accumulating conveyors are especially smooth-running and only require little maintenance.

Technical Data

Standard conveying speed	4.2 m/min up to 9 m/min
Distance between conveyor centres	2.5 up to 25 m, larger dimensions up to 35 m upon request
Load/pallet	max. 50 kg per pallet including workpiece carrier
Stop accuracy of the pallet	± 0.3 mm (with centring ± 0.1 mm)
Incline towards conveyor direction	up to ± 5° on request
Permissible moment on the deflector	up to 100 Nm (from centre of shaft), higher moments possible upon request
Inclination diagonal to conveyor direction	90°
Width single pallet	600 mm, 1,000 mm
Pallet train	max. 6 pallets
Width pallet train	600 mm, 1,000 mm, 1,500 mm
Length of pallet	300 mm
Pallet center distance	300 mm (distances up to 540 mm possible with single pallets)
Dynamic pressure limiter	as of 20 pallets



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