

PLATECHAIN CONVEYORS



**PALLETIZED
PINION SHAFT**



**PALLETIZED
RING GEAR**

Corner Direction Changes – Technical Details

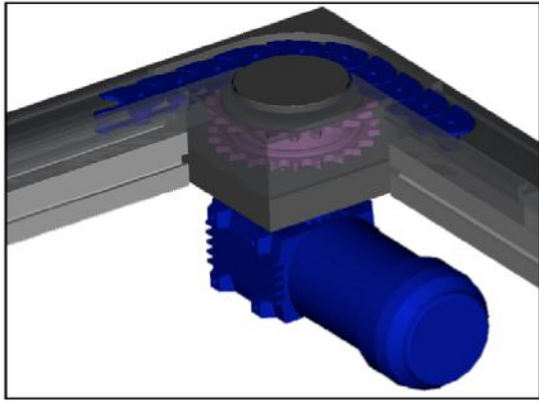
- Bearing supported
- Permits small radii and high conveyor speeds
- A quiet and low wear design
- Modular construction through the use of the ALTRATEC system
- Wide range of choices for corner angles
- Simple connections for part out feeding
- Cost effective, only a small number of drives required for control functions
- Suited for both manual and automatic workstations

Technical Specifications

- | | |
|-------------------------------|------------------------------|
| • Conveyor Speeds | 5 . . . 17 m/min |
| • Corner Curve Radius | 67 mm minimum |
| • Pallet Size (WxL) | 140 x 170 up to 300 x 450 mm |
| • Payload Including Part | up to approx. 8 kg |
| • Pallet Positioning accuracy | ± 0.1 mm |

Safety

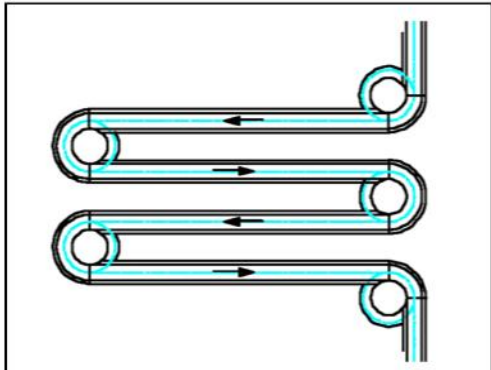
The geometric shape of the chain and chain guides prevents parts from falling of or jamming the conveyor even at diverter stations.



Corner Radius with Drive Assembly

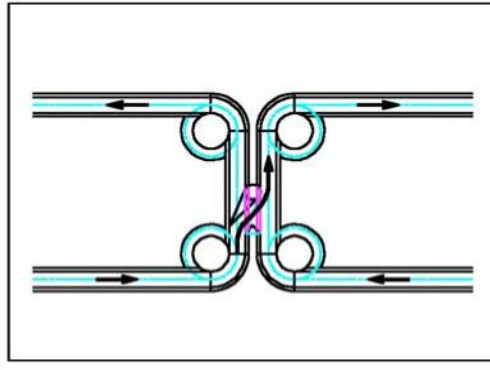


Indexing Station



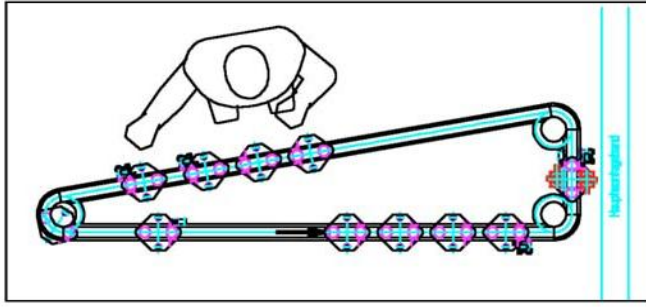
Buffering

Narrow corner areas allow the buffering of a large number of parts and pallets in even the smallest space



In and Out feed

Easy System Expansion through subsequent docking connections at any discretionary point.



Variable Corner Angles

The high variability of the corner angles allows for the best possible use of nearly any existing space.