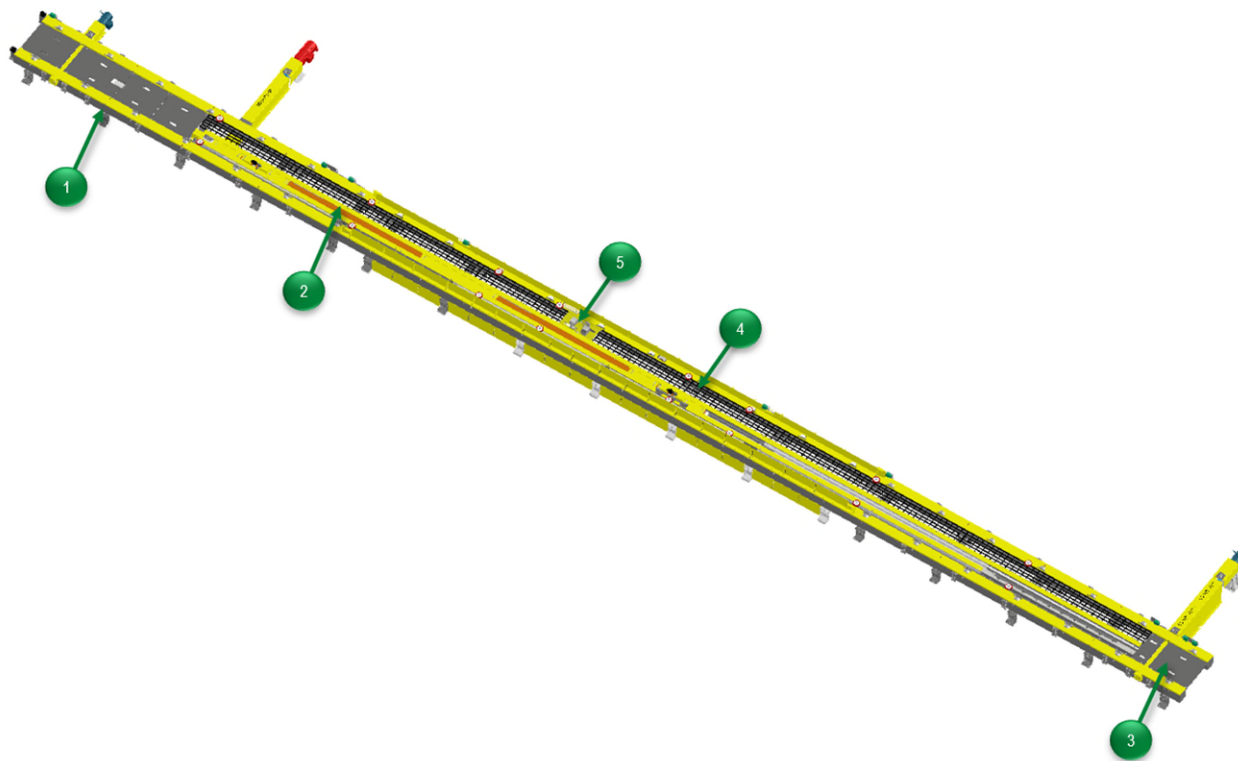


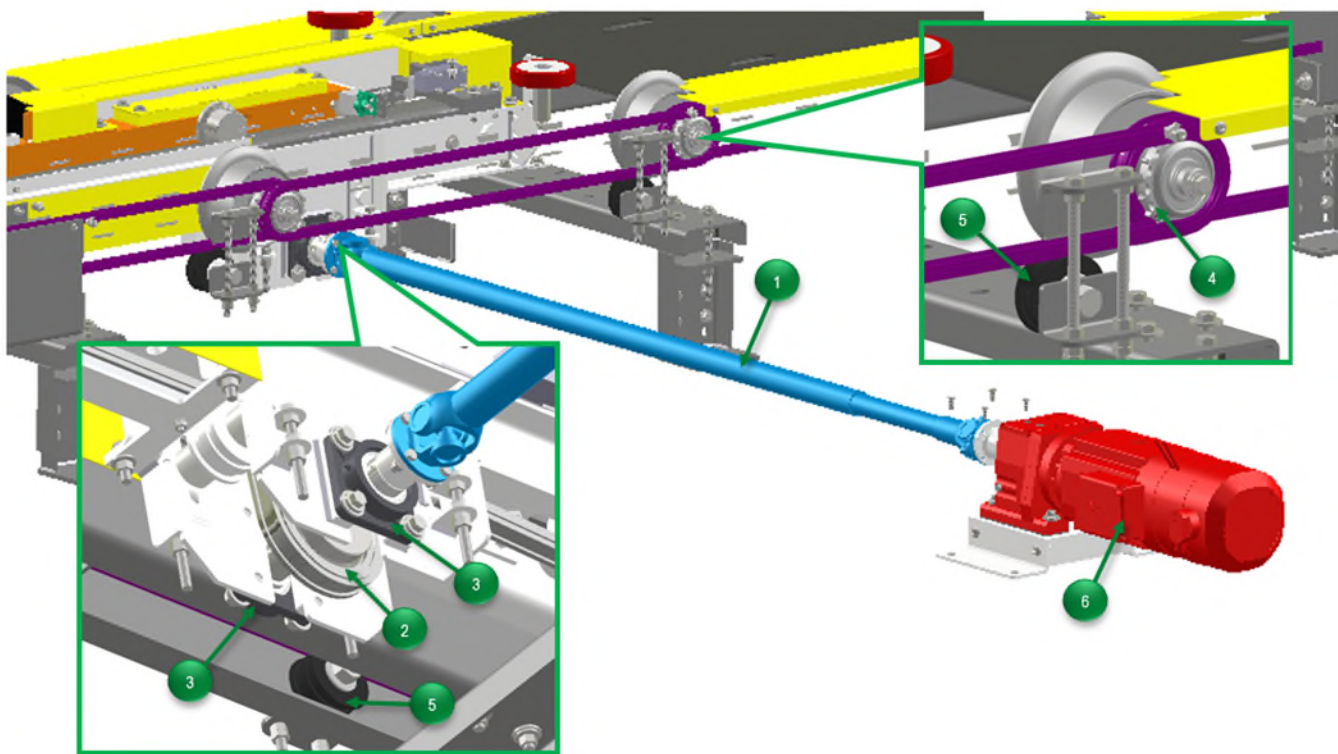
Indexer Components



- 1
 Infeed Power Roll Bed
- 3
 Outfeed Power Roll Bed
- 5
 Positioner
- 2
 Center Bed
- 4
 Indexer Trolley Assembly

Indexer Overview

The indexer consists of two trolleys on the outer side and a support for the drive in the middle. Each trolley moves at the ends on two wheel blocks, one of them is driven. Both cheeks and the middle crossbeam are connected with the conveyor (roller bed) or belt conveyor.

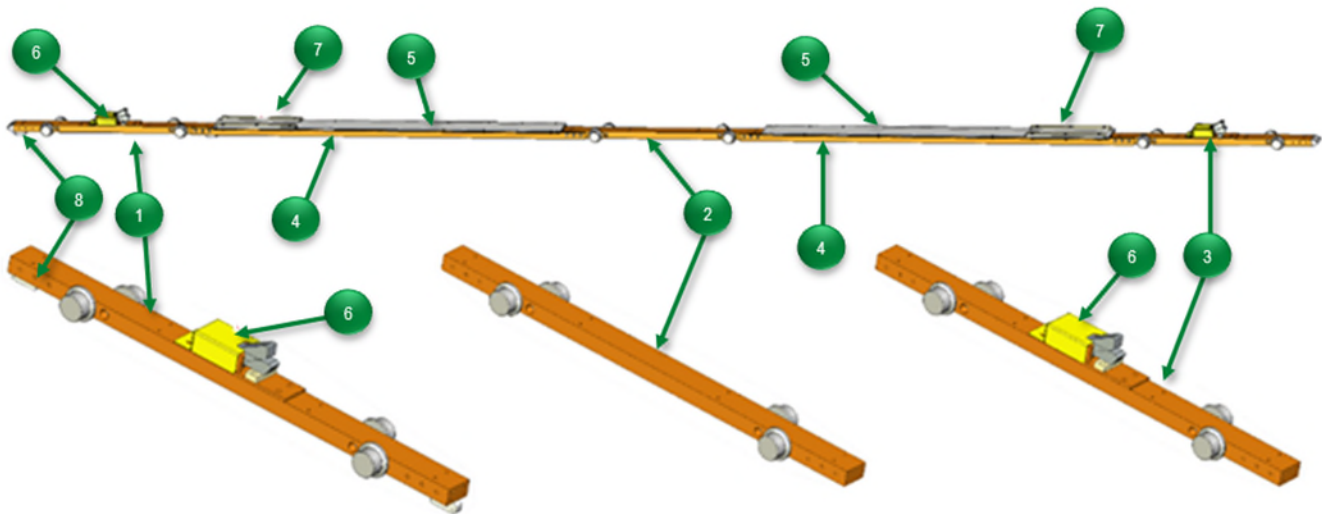


- | | | |
|------------------|-------------------|---------------|
| 1 Cardan Shaft | 3 Flange Bearing | 5 Chain Idler |
| 2 Drive Sprocket | 4 Driven Sprocket | 6 Gearmotor |

Center Bed Overview

The wheel blocks of both outer indexers move on the backside of the U-profiles (slide rails). The drive bars are fixed to the floor via adjustable feet. The drive motor is mounted on the middle crossbeam. The drive wheels of the outer trolleys are driven via the two-cardan shafts, which are covered.

A trailing cable within the caterpillar track provides the power supply of the traction drive. A positioner is located within the center bed to correctly position the skid prior to paint application. The end stops ensure that the trolley, in the case of failure in control, cannot run off the tracks.



- | | | |
|---------------------------|---------------------------|---------------------------|
| 1 Trailing Trolley | 4 Joining Weldment | 7 Guide Plastic |
| 2 Middle Trolley | 5 Mounting Plate | 8 Limit Switch Cam |
| 3 Leading Trolley | 6 Finger Guard | |

Indexer Trolley Assembly Overview

Below the middle cross beam (in the middle between the two slide rails) a guide rail made of flat steel is mounted on the floor. On both ends of the middle cross beam a pair of rollers is mounted. These rollers guide the whole trolley in cross direction alongside the guide rail.