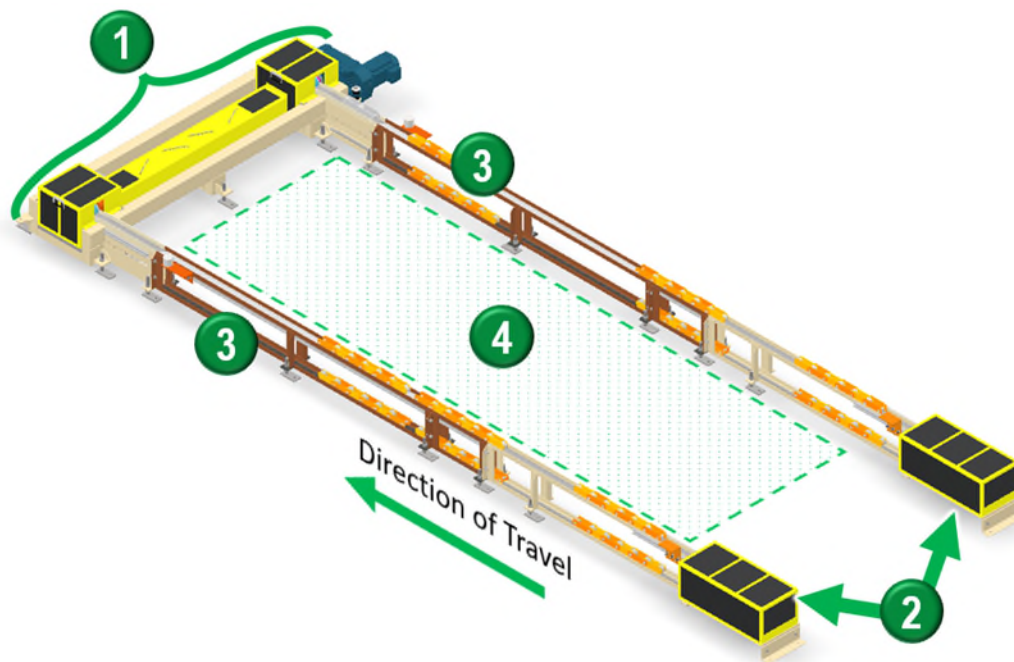


Chain Cross Transfer – Components



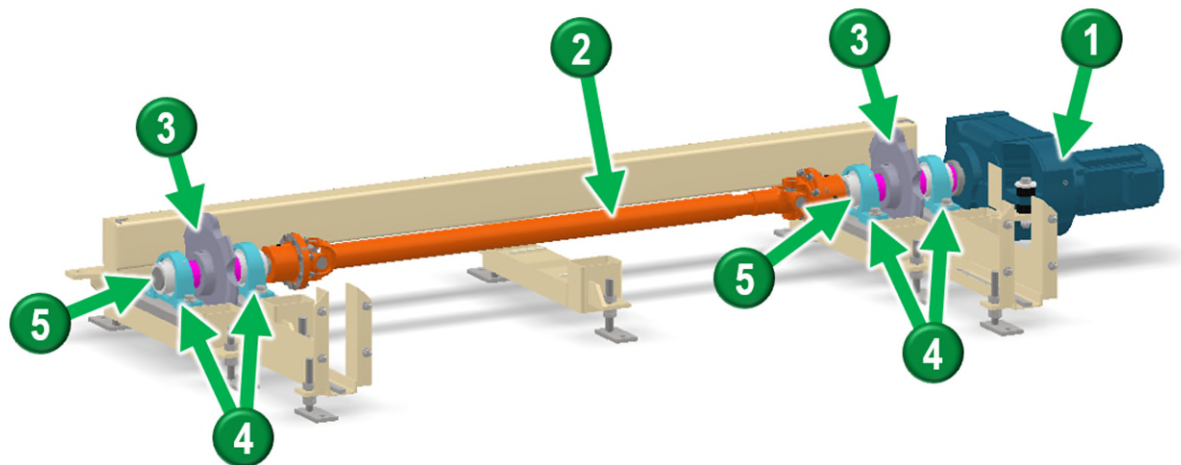
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- | | | | |
|---------------------|------------------------|--------------------------|--------------------|
| 1 Drive Unit | 2 Take-Up Units | 3 Conveying Track | 4 Skid Area |
|---------------------|------------------------|--------------------------|--------------------|

Chain Cross Transfer Overview

The Chain Cross Transfer conveyor is a specialized system designed to move skids perpendicular to their longitudinal axis, effectively transferring them to various floor conveying lines. This transfer mechanism is essential for optimizing material flow within an automotive assembly plant, especially where skids need to change direction or be integrated into a different conveyor line.

The Chain Cross Transfer conveyor is composed of several key units that work together to ensure smooth and reliable operation. These components include the drive unit, the tensioning take-up units, the conveying track profiles, and chain.

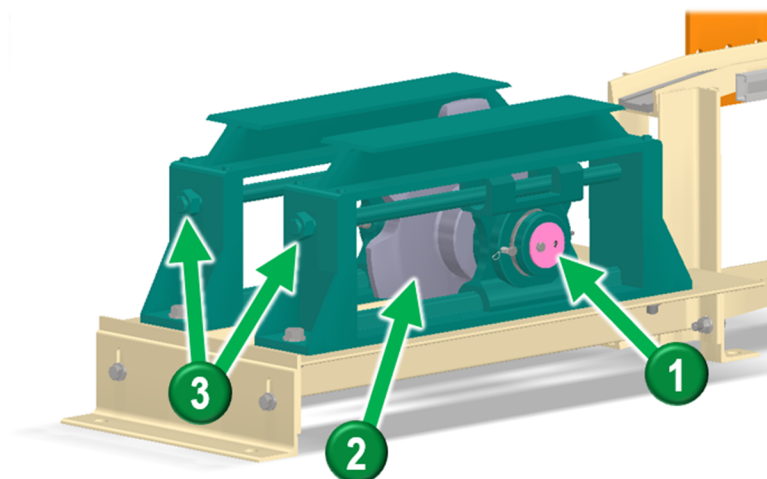
Chain Cross Transfer Drive Unit



▲ Render shown without safety covers and some frame pieces.

- | | | |
|-------------------------|---------------------------|------------------|
| 1 Gearmotor | 2 Cardan Shaft | 3 Drive Sprocket |
| 4 Pillow Block Bearings | 5 Sprocket Shaft Assembly | |

Chain Cross Transfer Take-Up Unit



▲ Render shown without safety cover.

- | | | |
|---------------------------|--------------------|---------------------|
| 1 Sprocket Shaft Assembly | 2 Take-Up Sprocket | 3 Tension Adjusters |
|---------------------------|--------------------|---------------------|