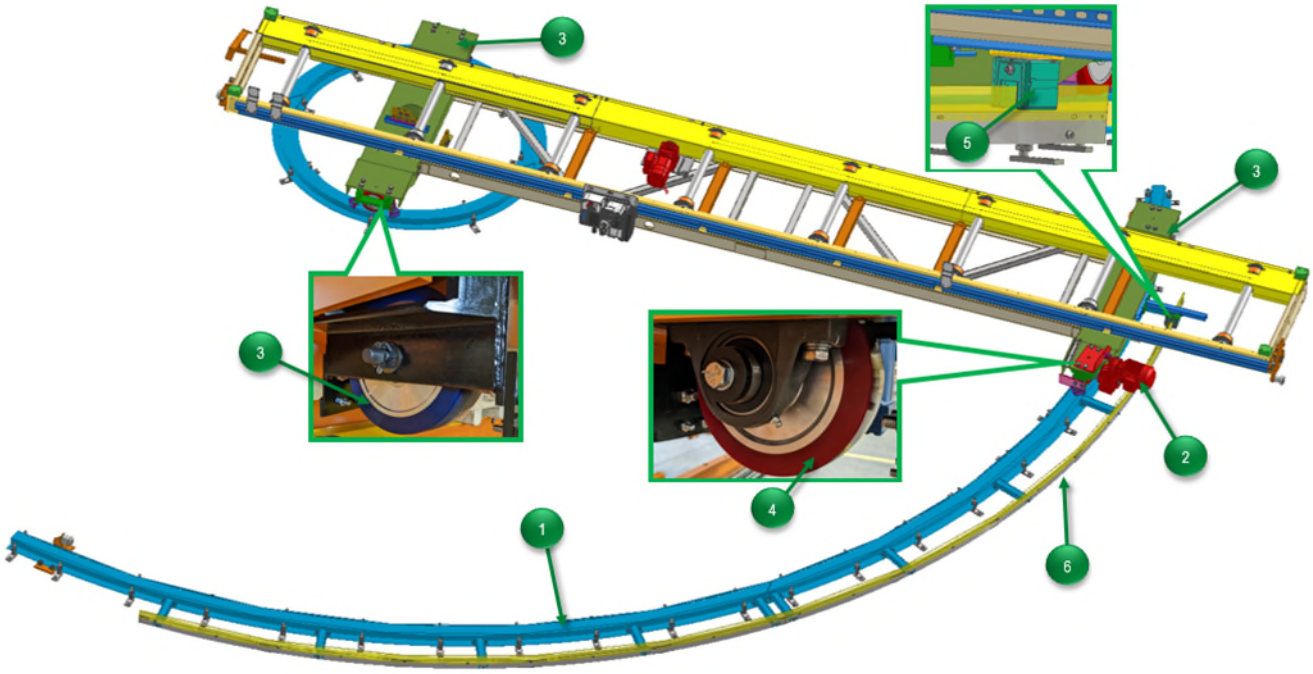
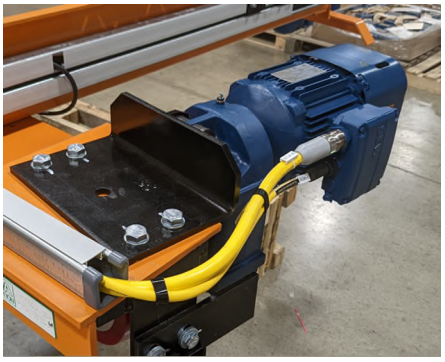
Pivot Table Typical Components



1	Rail	3	Idle Wheel	5	Reading Head
2	Gearmotor	4	Drive Wheel	6	Code Rail

Pivot Table Overview

Pivot Tables change the direction of the skid moving within the skid conveyor system. Typically, these tables are installed between two conveyor lines, which are installed at right angles to each other. It also is possible to connect two intersecting conveying routes with each other.



Mounted pivot table gearmotor.

On two cross beams, wheel units are fastened to a power roller bed. A middle bearing is mounted at the center of the turn radius which allows the conveyor to rotate symmetrically above the pivot point. All four wheels run on the same circular path.

The wheels around the turning point run on an internal circular path, the outer wheels having a turning path of approximately 90°. With this model, a change of direction of up to 90° can be completed. Only standard wheel blocks are used for the wheels. The wheels have a band of Vulcanized rubber.

One of the four wheels is powered directly by a gearmotor. The motor possesses a hollow shaft and torque supports, which are fastened to the cross beam via rubber buffers. The actual turn area is defined by the arrangement of the end stops and the attachment of the cam switch respectively.