

Solution Stories

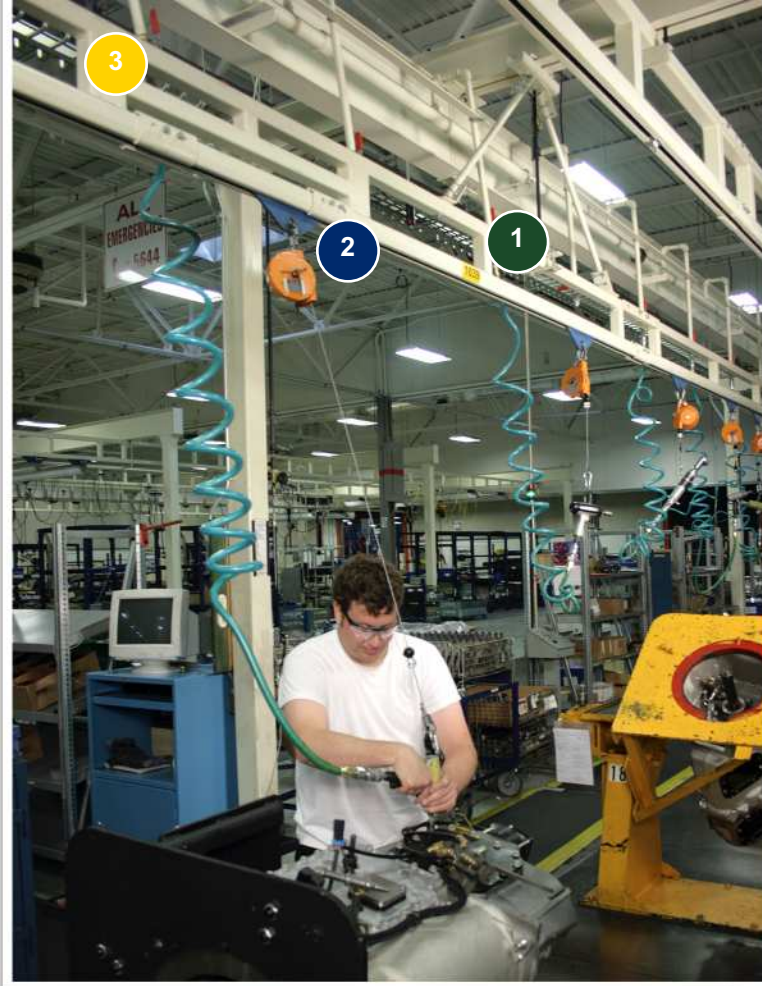
Assembly Line

This assembly line application features a slow moving floor conveyor. At each station, workers must quickly attach parts to the assembly using nut runners and torque wrenches. About 25 tools hang in an area about 75 feet long.

1 A monorail tool track with trussed steel for longer spans was a perfect fit for this long, linear application. A custom paint color was also applied to match existing handling equipment.

2 Wheel plate trolleys, with a single mounting hole for spring balancers, were chosen to support a higher load capacity.

3 With a high number of tools on the assembly line, removing them for repair is much easier with this maintenance gate.



Order Fulfillment

In this order fulfillment station an operator selects boxes from various pallets to create a custom order pallet. Boxes vary slightly in weight, though all are below 50 pounds.

1 A 150 pound, column-mounted Tool Solution Jib crane was selected to support a light duty vacuum lifter in the semi-circular work space.

2 The handle of the vacuum lifter is supported by a standard hoist trolley, while tool trolleys are used for festooning.

3 To help the vacuum hose stack neatly, this application featured 3" trolley saddles mounted at a 30-degree angle.

"Using this wall mounted jib with the vacuum lifter has been great. I pick from pallets all day, and the jib is so light - it feels like there's nothing there."

