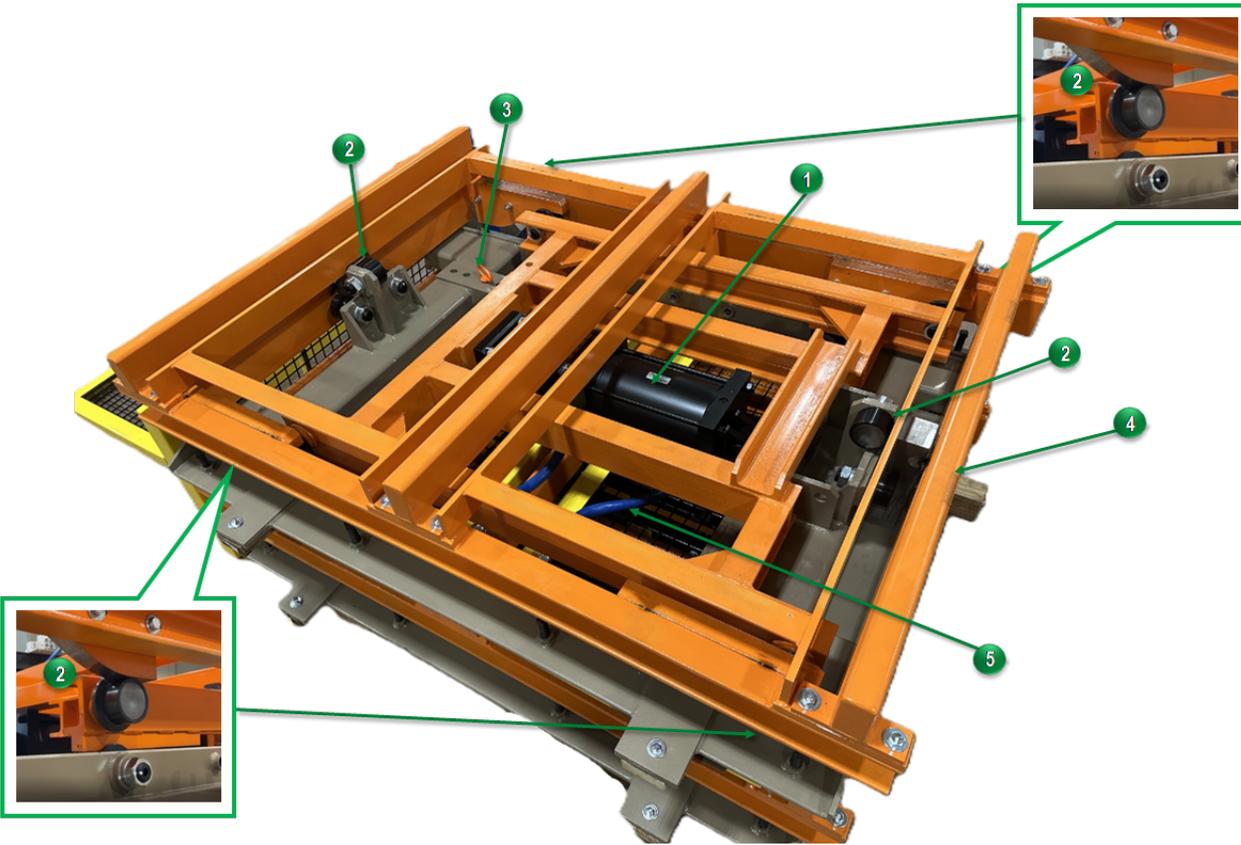


Pneumatic Hold Table - Components



- 1** Pneumatic Cylinder
- 3** Hold Table Stop Block
- 5** Pneumatic Air Hoses
- 2** Cam Rollers
- 4** Frame

Pneumatic Hold Table Overview

A Pneumatic Hold Table is a specialized work holding platform that utilizes compressed air (pneumatics) to lift and secure vehicle skids during processes in material handling, for example, along a Cross Transfer Conveyor System. Unlike traditional mechanical clamping systems, pneumatic hold tables use air-driven actuators to apply consistent, adjustable force to hold a skid in place.

Pneumatic Hold Tables are available in a range of capacities, platform sizes, and lift heights to accommodate various types of loads and operational requirements. Their design ensures reliable performance while minimizing the risk of leaks or contamination, which can be a concern with hydraulic systems.

The frame consists of a box (frame) section and angled steel fixed to the floor by adjustable feet. Cam rollers are mounted to a plate with an angle of 90° and 180° respectively and each are bolted to the frame of the hold table.

Benefits of Pneumatic Hold Tables include:

- **Clean Operation:** No hydraulic fluids means less chance of leaks or contamination.
- **Low Maintenance:** With fewer moving parts and no fluids to monitor, Pneumatic Hold Tables often require less frequent maintenance than hydraulic models.
- **Energy Efficiency:** When connected to a central compressed air system, pneumatic tables can save energy, especially in facilities already using air-powered tools and equipment.
- **Durability:** Robust construction and reliable air-powered mechanisms lead to long service life, even in demanding environments.