

Mast Roller

Mast Rollers - The lift truck mast is an integral component of the forklift's framework. These forklifts or also called lift truck vehicles are industrial equipment utilized in order to raise and transfer merchandise.

The vertical assembly responsible for raising or lowering cargo is referred to as the mast. A lift truck mast comprises interlocking rails that give sideways steadiness. These rails are guided by bushings or rollers.

Making use of metal plates so as to help move merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by means of a lever within the cab or situated in the section of the forklift that houses the forklift control parts and the driver.

A swing mast is a lift truck mast that could rotate 90 degrees in one direction. The particular design enables the swing mast to operate efficiently in constricted aisles.