

Mast Rollers

The mast of the forklift is an essential piece of the forklift's frame. These lift truck vehicles are big industrial machinery that help companies raise a transfer supplies and goods.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A lift truck mast has interlocking rails which provide lateral steadiness. These rails are guided by bushings or rollers.

The masts on forklifts utilize metal plates so as to move supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders that connect 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 be able to move in a linear motion, or in strokes. The mast is usually operated by way of a handle inside the cab or located in the area of the forklift that houses the forklift control parts and the worker.

A swing mast is a forklift mast which can swing ninety degrees in one direction. The particular design enables the swing mast to work efficiently in tight aisles.