

Mast Roller

Mast Rollers for Forklift - The mast of the forklift is an essential component of the lift truck's structure. These lift truck vehicles are huge industrial machines that assist companies lift a transfer supplies and goods.

The vertical assembly responsible for raising or lowering cargo is known as the mast. A forklift mast consists of interlocking rails that give sideways stability. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates to be able to move supplies and are powered by hydraulic mechanisms. 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 forklift motor are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated by way of a lever within the cab or situated in the area of the forklift which houses the forklift control parts and the driver.

A swing mast defines a forklift truck utilizing a mast that could rotate in a 90 degree angle in one direction. This particular design allows the swing mast to work in aisles which are less than 6 feet wide.