

Forklift Mast Roller

Forklift Mast Roller - The mast of the forklift is an essential part of the lift truck's frame. These forklift vehicles are big industrial machines which assist companies lift a transport materials and merchandise.

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

The masts on lift trucks make use of metal plates in order to transport supplies and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders which link directly to the forklift 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 normally operated by means of a lever within the cab or located in the area of the forklift which houses the forklift control parts and the worker.

A swing mast defines a forklift truck using a mast that can rotate in a ninety degree angle in one direction. This design enables the swing mast to function in aisles which are less than 6 feet wide.