

Mast Roller for Forklift

Mast Rollers - The lift truck mast is an important component of the forklift's framework. These lift trucks or likewise called forklift vehicles are industrial equipment utilized so as to raise and transport materials.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck consists of interlocking rails in order to provide some lateral support. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates in order to transfer merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this instance is oil. Hydraulic cylinders that connect 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 be able to move in a linear motion, or in strokes. The mast is often operated by way of a lever in the cab or positioned in the area of the forklift that houses the lift truck control components and the worker.

A swing mast is a forklift mast that could turn ninety degrees in one direction. The design allows the swing mast to operate efficiently in constricted aisles.