

Mast Rollers for Forklift

Mast Rollers - The forklift mast is an integral part of the forklift's structure. These lift trucks or lift truck vehicles are industrial equipment utilized in order to lift and move merchandise.

The vertical assembly responsible for raising or lowering a load is called the mast. A forklift mast consists of interlocking rails that provide sideways support. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates so as to transfer supplies and are powered by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular instance is oil. Hydraulic cylinders which connect directly to the lift truck motor 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 way of a lever inside the cab or located in the section of the forklift that houses the lift truck control parts and the worker.

A swing mast is a forklift mast which can rotate ninety degrees in one direction. The design enables the swing mast to operate efficiently in constricted aisles.