

Forklift Mast Roller

Mast Rollers - The mast of the forklift is an important component of the forklift's frame. These lift truck vehicles are big industrial equipment that assist businesses lift a transfer materials and merchandise.

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

The masts on forklifts make use of metal plates in order to transfer materials and are driven 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 that connect directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by means of a handle inside the cab or situated in the area of the forklift which houses the forklift control parts and the driver.

A swing mast is a lift truck mast which could swing ninety degrees in one direction. The particular design enables the swing mast to operate effectively in constricted aisles.