

Mast Rollers for Forklift

Mast Roller - The forklift mast is an essential part of the lift truck's frame. These forklifts or also called forklift vehicles are industrial equipment utilized to raise and transport goods.

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

The masts on lift trucks make use of metal plates in order to transfer materials and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this situation is oil. Hydraulic cylinders which connect directly to the forklift 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 normally operated by way of a lever inside the cab or situated in the section of the forklift that houses the forklift control parts and the driver.

A swing mast is a lift truck mast which can revolve 90 degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.