

Mast Rollers

Mast Rollers - The forklift mast is an essential piece of the forklift's frame. These lift trucks or forklift vehicles are industrial machines utilized to raise and transport supplies.

The vertical assembly responsible for lowering or raising a load is known as the mast. A forklift mast comprises interlocking rails which give lateral support. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates in order to move supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this situation is oil. Hydraulic cylinders which connect directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated by way of a handle inside the cab or located in the part of the lift truck that houses the forklift control parts and the driver.

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