

Mast Rollers for Forklift

Forklift Mast Roller - The forklift mast is an essential part of the lift truck's frame. These forklifts or forklift vehicles are industrial equipment used to raise and transfer materials.

The vertical construction responsible for lowering or raising a load is referred to as the mast. A forklift mast has interlocking rails which provide lateral stability. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates to transfer merchandise and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which connect directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked via a handle within the cab or situated in the part of the lift truck that houses the lift truck control components and the driver.

A swing mast defines a forklift truck utilizing a mast which can rotate in a 90 degree angle in one direction. This design allows the swing mast to function in aisles that are less than 6 feet wide.