

Mast Roller for Forklift

Mast Roller for Forklift - The forklift mast is an important component of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial machines utilized so as to pick up and transport goods.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A lift truck mast consists of interlocking rails which give sideways support. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates so as to move goods and are driven by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this case is oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by means of a lever within the cab or positioned in the area of the lift truck which houses the forklift control parts and the operator.

A swing mast is a lift truck mast which could revolve 90 degrees in one direction. The particular design enables the swing mast to work efficiently in tight aisles.