

Mast Roller

Mast Roller for Forklift - The lift truck mast is an essential part of the forklift's structure. These lift trucks or also called forklift vehicles are industrial machines utilized to be able to pick up and transport merchandise.

The vertical construction responsible for raising or lowering cargo is called the mast. A forklift mast has interlocking rails that give lateral stability. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates in order to transfer supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular instance is oil. Hydraulic cylinders that link directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by way of a lever inside the cab or located in the part of the forklift which houses the forklift control parts and the operator.

A swing mast defines a lift truck truck using a mast which can swing in a 90 degree angle in one direction. This particular design enables the swing mast to operate in aisles which are less than 6 feet wide.