

Forklift Mast Rollers

Mast Rollers - The forklift mast is an important piece of the forklift's frame. These lift trucks or also called lift truck vehicles are industrial equipment used so as to raise and transport merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift has interlocking rails to provide some lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates in order to transport supplies and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular situation is oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated by means of a handle inside the cab or located in the area of the lift truck which houses the lift truck control parts and the operator.

A swing mast defines a forklift truck with a mast that could rotate in a ninety degree angle in one direction. This particular design allows the swing mast to function in aisles that are less than 6 feet wide.