

Forklift Mast Roller

Forklift Mast Rollers - The mast of the lift truck is an integral piece of the lift truck's framework. These forklift vehicles are large industrial machinery which assist companies raise a transfer materials and merchandise.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a lift truck has interlocking rails in order to provide some lateral steadiness. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates to be able to transport supplies and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular instance is oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often worked by way of a lever in the cab or situated in the area of the lift truck that houses the forklift control parts and the operator.

A swing mast is a forklift mast that can turn 90 degrees in one direction. The design enables the swing mast to function efficiently in tight aisles.