

Forklift Mast Roller

Mast Rollers for Forklift - The mast of the lift truck is an important part of the lift truck's frame. These forklift vehicles are large industrial machines that assist companies pick up and move supplies and goods.

The vertical construction responsible for lowering or raising cargo is known as the mast. A forklift mast comprises interlocking rails which give sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates to transport merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case 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 a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked via a lever inside the cab or positioned in the area of the forklift which houses the forklift control parts and the worker.

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