

Forklift Mast Rollers

Mast Rollers - The mast of the lift truck is an important component of the forklift's framework. These lift truck vehicles are huge industrial equipment that assist businesses pick up and transport materials and goods.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a lift truck comprises interlocking rails to give some lateral steadiness. These rails are guided by rollers or brushings.

Using metallic plates to be able to help move supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders which link directly to the forklift 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 usually worked by way of a lever inside the cab or positioned in the section of the lift truck that houses the lift truck control parts and the worker.

A swing mast defines a lift truck with a mast that could turn in a 90 degree angle in one direction. This particular design allows the swing mast to work in aisles that are less than 6 feet wide.