

Forklift Mast Roller

Forklift Mast Rollers - The lift truck mast is an important piece of the forklift's frame. These lift trucks or likewise called forklift vehicles are industrial machines used to lift and transport merchandise.

The vertical assembly responsible for lowering or raising cargo is known as the mast. A lift truck mast has interlocking rails which provide lateral steadiness. These rails are guided by rollers or brushings.

Using metal plates to help transfer merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt 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 handle inside the cab or positioned in the area of the forklift that houses the forklift control parts and the worker.

A swing mast defines a forklift truck using a mast that could revolve in a ninety degree angle in one direction. This design allows the swing mast to work in aisles which are less than 6 feet wide.