

Forklift Mast Roller

Mast Rollers - The forklift mast is an essential part of the forklift's framework. These lift trucks or also called lift truck vehicles are industrial machines utilized to be able to lift and move merchandise.

The mast is a vertical assembly that is responsible for lowering and raising cargo. The mast of a lift truck comprises interlocking rails in order to provide some sideways stability. These rails are guided by rollers or brushings.

Utilizing metallic plates to help move merchandise, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, usually oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often worked by way of a handle in the cab or located in the area of the lift truck which houses the lift truck control components and the driver.

A swing mast defines a forklift truck using a mast that can revolve in a 90 degree angle in one direction. This particular design allows the swing mast to operate in aisles which are less than 6 feet wide.