

Mast Roller for Forklift

Mast Rollers - The mast of the lift truck is an important component of the forklift's frame. These lift truck vehicles are large industrial machines which help businesses lift a transport supplies and merchandise.

The mast is a vertical assembly which is responsible for raising and lowering the load. The mast of a lift truck comprises interlocking rails so as to give some sideways stability. These rails are guided by bushings or rollers.

Using metallic plates so as to help transport goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders that link directly to the forklift 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 normally worked via a handle in the cab or situated in the part of the forklift which houses the forklift control parts and the driver.

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