

Forklift Mast Roller

Mast Rollers - The lift truck mast is an integral piece of the lift truck's structure. These forklifts or likewise called lift truck vehicles are industrial machines used so as to lift and transport merchandise.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a forklift has interlocking rails so as to provide some lateral stability. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to be able to transfer merchandise and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this case is oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked via a lever inside the cab or positioned in the part of the forklift that houses the forklift control components and the driver.

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