

Forklift Mast Roller

Mast Rollers - The forklift mast is an essential component of the forklift's frame. These forklifts or likewise called lift truck vehicles are industrial machinery utilized to be able to raise and move supplies.

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

Utilizing metal plates to be able to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders that connect directly to the forklift 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 normally operated by way of a handle inside the cab or situated in the area of the forklift that houses the forklift control components and the driver.

A swing mast is a forklift mast that can turn 90 degrees in one direction. The particular design enables the swing mast to function efficiently in tight aisles.