

Forklift Mast Roller

Mast Rollers for Forklift - The forklift mast is an essential part of the forklift's structure. These forklifts or likewise called lift truck vehicles are industrial machines utilized to be able to lift and transport materials.

The vertical construction responsible for raising or lowering cargo is called the mast. A forklift mast consists of interlocking rails that provide lateral support. These rails are guided by bushings or rollers.

Utilizing metal plates to help transfer materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, normally oil. Hydraulic cylinders which 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 be able to move in a linear motion, or in strokes. The mast is often worked via a handle inside the cab or positioned in the part of the lift truck that houses the forklift control components and the worker.

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