

Forklift Mast Roller

Mast Roller for Forklift - The lift truck mast is an essential part of the forklift's structure. These forklifts or lift truck vehicles are industrial machines utilized to pick up and transfer merchandise.

The vertical assembly responsible for lowering or raising cargo is referred to as the mast. A forklift mast has interlocking rails which provide lateral support. These rails are guided by rollers or brushings.

Utilizing metallic plates so as to help transfer supplies, 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 forklift motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually worked by way of a handle within the cab or situated in the area of the forklift that houses the forklift control components and the worker.

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