

Mast Rollers

Mast Rollers for Forklift - The forklift mast is an important part of the forklift's frame. These forklifts or also called lift truck vehicles are industrial machinery utilized in order to lift and move supplies.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a forklift consists of interlocking rails in order to give some lateral steadiness. These rails are guided by rollers or brushings.

Utilizing metallic plates to help transport supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower 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 by way of a handle in the cab or positioned in the area of the lift truck that houses the lift truck control components and the worker.

A swing mast defines a forklift truck utilizing a mast which can turn in a 90 degree angle in one direction. This particular design enables the swing mast to function in aisles that are less than 6 feet wide.