

Hyster Mast Rollers

The lift truck mast is an important part of the lift truck's framework. These forklifts or also called lift truck vehicles are industrial machines used to raise and move merchandise.

The vertical construction responsible for raising or lowering a load is called the mast. A lift truck mast consists of interlocking rails that provide sideways stability. These rails are guided by bushings or rollers.

Making use of metallic plates to be able to help transfer supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is usually operated by way of a handle in the cab or situated in the section of the forklift which houses the lift truck control components and the worker.

A swing mast is a forklift mast that can revolve 90 degrees in one direction. The particular design allows the swing mast to operate effectively in constricted aisles.