

Mast Roller

Mast Rollers - The lift truck mast is an important component of the forklift's frame. These lift trucks or forklift vehicles are industrial machinery used so as to pick up and transfer materials.

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

The masts on forklifts utilize metal plates so as to transport materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a lever inside the cab or located in the part of the forklift that houses the lift truck control components and the worker.

A swing mast is a forklift mast which could turn 90 degrees in one direction. The particular design enables the swing mast to work efficiently in tight aisles.