

Forklift Mast Rollers

Mast Roller - The lift truck mast is an integral piece of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial machines used to be able to raise and move goods.

The vertical construction responsible for raising or lowering a load is referred to as the mast. A forklift mast consists of interlocking rails which give sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates in order to transfer materials and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this situation is oil. Hydraulic cylinders that connect directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift 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 lever inside the cab or located in the part of the forklift which houses the forklift control parts and the worker.

A swing mast is a forklift mast that can revolve ninety degrees in one direction. The design allows the swing mast to work effectively in tight aisles.