

Mast Rollers

Mast Rollers - The forklift mast is an important part of the lift truck's structure. These forklifts or also called lift truck vehicles are industrial machines used to pick up and transport goods.

The mast is a vertical assembly which is responsible for raising and lowering the load. The mast of a lift truck comprises interlocking rails to be able to provide some lateral support. These rails are guided by bushings or rollers.

The masts on lift trucks make use of metal plates to transport goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the lift truck motor are responsible for driving the mast, causing it to tilt, lower or lift 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 lever in the cab or situated in the part of the forklift that houses the lift truck control parts and the worker.

A swing mast is a lift truck mast which could rotate ninety degrees in one direction. The design allows the swing mast to function efficiently in tight aisles.