

Forklift Mast Rollers

Mast Rollers - The lift truck mast is an important part of the lift truck's frame. These forklifts or [forklift parts](#) vehicles are industrial machines used so as to pick up and transfer merchandise.

The mast is a vertical assembly that is responsible for lowering and raising cargo. The mast of a forklift consists of interlocking rails to provide some sideways support. These rails are guided by bushings or rollers.

The masts on lift trucks utilize metal plates to transfer materials and are powered by hydraulic systems. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders that connect directly to the lift truck motor are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often operated via a handle inside the cab or located in the section of the lift truck that houses the lift truck control parts and the driver.

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