

## Mast Roller

Mast Rollers - The forklift mast is an essential component of the lift truck's frame. These forklifts or forklift vehicles are industrial machinery utilized so as to pick up and transport goods.

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

The masts on forklifts utilize metal plates in order to transfer merchandise and are driven by hydraulic systems. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this case is oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is often worked by way of a handle in the cab or positioned in the part of the forklift that houses the lift truck control components and the operator.

A swing mast is a forklift mast which can revolve 90 degrees in one direction. The particular design allows the swing mast to work effectively in tight aisles.