

Mast Rollers

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

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a lift truck comprises interlocking rails to provide some sideways stability. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates in order to move goods and are driven by hydraulic systems. 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 connect directly to the lift truck engine 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 by means of a lever in the cab or located in the part of the lift truck which houses the lift truck control components and the driver.

A swing mast is a forklift mast that could swing ninety degrees in one direction. The particular design enables the swing mast to work efficiently in constricted aisles.