

Mast Roller for Forklift

Mast Roller - The forklift mast is an integral component of the forklift's structure. These lift trucks or likewise called forklift vehicles are industrial machinery used to be able to pick up and transport supplies.

The mast is a vertical assembly which is responsible for raising and lowering cargo. The mast of a forklift has interlocking rails to be able to give some lateral support. These rails are guided by rollers or brushings.

The masts on lift trucks make use of metal plates to be able to transport supplies and are driven by hydraulic systems. 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 lift truck 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 via a handle inside the cab or located in the area of the forklift which houses the lift truck control parts and the operator.

A swing mast is a lift truck mast that could turn ninety degrees in one direction. The particular design enables the swing mast to function effectively in constricted aisles.