

Mast Rollers for Forklift

Mast Roller for Forklift - The lift truck mast is an essential part of the forklift's framework. These forklifts or forklift vehicles are industrial machinery used in order to pick up and move goods.

The mast is a vertical assembly which is responsible for raising and lowering the load. The mast of a forklift has interlocking rails so as to provide some sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates to be able to transfer goods and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which uses pressurized fluid, which in this particular situation is oil. Hydraulic cylinders which 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 move in a linear motion, or in strokes. The mast is often operated via a lever inside the cab or located in the part of the forklift which houses the lift truck control parts and the worker.

A swing mast defines a lift truck truck with a mast that could rotate in a ninety degree angle in one direction. This design enables the swing mast to function in aisles which are less than 6 feet wide.