

Mast Rollers

Mast Rollers - The lift truck mast is an integral component of the forklift's framework. These forklifts or forklift vehicles are industrial machines utilized to lift and move merchandise.

The mast is a vertical assembly which is responsible for lowering and raising the load. The mast of a lift truck has interlocking rails in order to provide some lateral stability. These rails are guided by bushings or rollers.

Making use of metallic plates to help transport goods, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, typically oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually worked by means of a handle in the cab or situated in the area of the lift truck which houses the lift truck control components and the driver.

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