

Mast Roller

Mast Rollers - The lift truck mast is an integral piece of the lift truck's structure. These lift trucks or also called forklift vehicles are industrial machinery used to be able to raise and transport merchandise.

The vertical assembly responsible for raising or lowering a load is known as the mast. A lift truck mast has interlocking rails that provide sideways steadiness. These rails are guided by rollers or brushings.

Making use of metallic plates to help transfer goods, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, usually oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally worked via a handle in the cab or positioned in the section of the forklift which houses the lift truck control components and the driver.

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