

Mast Roller for Forklift

Mast Rollers - The lift truck mast is an integral component of the lift truck's frame. These forklifts or lift truck vehicles are industrial equipment used to lift and transfer materials.

The mast is a vertical assembly that is responsible for raising and lowering the load. The mast of a forklift comprises interlocking rails to be able to provide some sideways steadiness. These rails are guided by rollers or brushings.

Using metallic plates so as to help transport supplies, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, typically oil. Hydraulic cylinders that link directly to the forklift motor are responsible for driving the mast, causing it to tilt, lower or lift cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by means of a handle in the cab or situated in the part of the forklift which houses the lift truck control components and the driver.

A swing mast is a lift truck mast that can revolve 90 degrees in one direction. The particular design enables the swing mast to function efficiently in tight aisles.