

Mast Roller

Mast Rollers - The mast of the lift truck is an essential piece of the lift truck's framework. These lift truck vehicles are huge industrial machines that help companies lift a transfer supplies and goods.

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a lift truck consists of interlocking rails so as to provide some sideways stability. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates to transfer materials and are driven by hydraulic systems. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular case is oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by way of a handle in the cab or situated in the section of the lift truck that houses the forklift control components and the worker.

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