

Mast Roller for Forklift

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

The mast is a vertical assembly that is responsible for lowering and raising the load. The mast of a lift truck comprises interlocking rails in order to give some sideways steadiness. These rails are guided by bushings or rollers.

Making use of metal plates in order to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power through the use of a pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the forklift engine are responsible for driving the mast, causing it to lower, lift or tilt cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is often operated via a lever in the cab or located in the part of the lift truck that houses the lift truck control components and the worker.

A swing mast is a lift truck mast that could revolve 90 degrees in one direction. The design enables the swing mast to operate effectively in tight aisles.