

Mast Rollers

Forklift Mast Rollers - The mast of the forklift is an essential part of the forklift's frame. These forklift vehicles are large industrial equipment that help businesses lift and transfer supplies and goods.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a forklift has interlocking rails to be able to provide some lateral support. These rails are guided by rollers or brushings.

Utilizing metal plates to help transport materials, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders that link directly to the forklift engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated via a lever in the cab or located in the part of the forklift that houses the forklift control components and the driver.

A swing mast is a forklift mast that can rotate ninety degrees in one direction. The particular design enables the swing mast to work effectively in constricted aisles.