

Mast Rollers for Forklift

Forklift Mast Roller - The mast of the lift truck is an important component of the forklift's structure. These lift truck vehicles are large industrial machines that help businesses pick up and transport supplies and goods.

The vertical assembly responsible for lowering or raising a load is referred to as the mast. A forklift mast comprises interlocking rails that provide sideways support. These rails are guided by rollers or brushings.

The masts on forklifts make use of metal plates in order to move goods and are driven by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this case is oil. Hydraulic cylinders which link 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 move in a linear motion, or in strokes. The mast is normally worked by way of a lever within the cab or positioned in the section of the forklift that houses the lift truck control parts and the worker.

A swing mast is a lift truck mast which can rotate 90 degrees in one direction. The particular design enables the swing mast to operate efficiently in tight aisles.