

Forklift Mast Rollers

Mast Rollers for Forklift - The forklift mast is an integral component of the forklift's structure. These forklifts or also called lift truck vehicles are industrial machines utilized to pick up and transport goods.

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

Utilizing metallic plates in order to help transport materials, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders that connect directly to the forklift 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 via a lever in the cab or located in the area of the forklift that houses the forklift control components and the worker.

A swing mast defines a lift truck truck with a mast which can rotate in a 90 degree angle in one direction. This design enables the swing mast to function in aisles that are less than 6 feet wide.