

Forklift Mast Roller

Mast Rollers - The forklift mast is an essential part of the lift truck's framework. These forklifts or lift truck vehicles are industrial equipment used to be able to raise and transfer materials.

The vertical assembly responsible for raising or lowering cargo is known as the mast. A lift truck mast comprises interlocking rails that give sideways support. These rails are guided by bushings or rollers.

The masts on lift trucks use metal plates in order 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 situation is oil. Hydraulic cylinders that link directly to the lift truck 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 usually operated by means of a lever inside the cab or positioned in the part of the forklift that houses the lift truck control components and the worker.

A swing mast defines a lift truck truck utilizing a mast that could revolve in a ninety degree angle in one direction. This particular design allows the swing mast to operate in aisles which are less than 6 feet wide.