

Forklift Mast Rollers

Forklift Mast Roller - The mast of the lift truck is an important component of the forklift's framework. These forklift vehicles are big industrial machinery that assist businesses raise a transfer materials and merchandise.

The mast is a vertical assembly which is responsible for lowering and raising cargo. The mast of a lift truck comprises interlocking rails in order to provide some lateral stability. These rails are guided by rollers or brushings.

The masts on forklifts use metal plates so as to transfer materials and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this particular case is oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to lower, lift or tilt a load. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally operated by means of a lever inside the cab or positioned in the section of the forklift that houses the lift truck control parts and the worker.

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