

Forklift Mast Rollers

Mast Rollers - The forklift mast is an integral part of the lift truck's structure. These lift trucks or also called lift truck vehicles are industrial equipment used so as to lift and transfer supplies.

The mast is a vertical assembly that is responsible for lowering and raising cargo. The mast of a lift truck comprises interlocking rails to provide some sideways steadiness. These rails are guided by rollers or brushings.

The masts on lift trucks utilize metal plates to be able to transport goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power through the use of a pressurized fluid, which in this situation is oil. Hydraulic cylinders which connect 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 often worked via a handle inside the cab or situated in the section of the forklift that houses the forklift control parts and the worker.

A swing mast defines a forklift truck with a mast that can swing in a ninety degree angle in one direction. This particular design enables the swing mast to operate in aisles that are less than 6 feet wide.