

Forklift Mast Roller

Mast Rollers - The forklift mast is an important piece of the forklift's frame. These forklifts or also called lift truck vehicles are industrial equipment utilized so as to raise and transport materials.

The vertical construction responsible for lowering or raising cargo is referred to as the mast. A forklift mast consists of interlocking rails that give lateral steadiness. These rails are guided by rollers or brushings.

Making use of metallic plates to be able to help transfer merchandise, the masts are powered by hydraulic mechanisms. Hydraulics is the transmission of power which uses pressurized fluid, normally oil. Hydraulic cylinders that connect directly to the lift truck engine are responsible for driving the mast, causing it to tilt, lower or lift a load. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is normally operated by means of a lever in the cab or situated in the section of the lift truck that houses the forklift control parts and the worker.

A swing mast defines a forklift truck using a mast which could turn in a 90 degree angle in one direction. This design enables the swing mast to function in aisles which are less than 6 feet wide.