

Forklift Mast Roller

Mast Rollers - The lift truck mast is an essential piece of the forklift's frame. These lift trucks or also called forklift vehicles are industrial equipment utilized to pick up and move goods.

The vertical construction responsible for raising or lowering cargo is called the mast. A lift truck mast consists of interlocking rails that provide lateral stability. These rails are guided by rollers or brushings.

Making use of metal plates to help transport supplies, the masts are driven by hydraulic mechanisms. Hydraulics is the transmission of power which utilizes pressurized fluid, typically oil. Hydraulic cylinders which link directly to the lift truck engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to be able to move in a linear motion, or in strokes. The mast is usually operated via a lever in the cab or positioned in the part of the forklift that houses the lift truck control parts and the operator.

A swing mast is a lift truck mast which could swing 90 degrees in one direction. The particular design enables the swing mast to function effectively in constricted aisles.