

Forklift Mast Rollers

Mast Rollers - The forklift mast is an essential piece of the forklift's frame. These forklifts or likewise called forklift vehicles are industrial machinery utilized to be able to pick up and transfer merchandise.

The mast is a vertical assembly that is responsible for raising and lowering cargo. The mast of a lift truck has interlocking rails to be able to give some sideways support. These rails are guided by rollers or brushings.

The masts on lift trucks use metal plates to transfer goods and are powered by hydraulic mechanisms. Hydraulics is defined by the transmission of power which utilizes pressurized fluid, which in this particular case is oil. Hydraulic cylinders which connect directly to the forklift engine are responsible for driving the mast, causing it to lift, tilt or lower cargo. The pressurized oil drives the cylinder piston to move in a linear motion, or in strokes. The mast is normally worked by means of a handle inside the cab or located in the area of the lift truck which houses the lift truck control parts and the driver.

A swing mast is a forklift mast which can swing 90 degrees in one direction. The design enables the swing mast to work effectively in tight aisles.