

### PARKER CYLINDER

Cylinders are what is known as a “linear” actuator. Their basic operation is to move something in and out or up and down. This particular cylinder is a “tie rod” type cylinder with “trunions” so that it can pivot in it’s application. This cylinder is also an “oil or hydraulic” cylinder. The two basic cylinder configurations are “tie rod” and “mill” types. A tie rod cylinder has it’s end cap and seal gland cap held to the tube via tie rods. A mill cylinder has no end cap because it is a welded construction with the seal gland normally a screw in configuration. Cylinders can be used with oil, air, or water depending on their application and design. They also come in numerous shapes and sizes (bore and stroke) depending on their application.



You can find cylinders in virtually all industries. Another place to look in in the mobile industry. Large cylinders are used as shock absorbers on the large Quarry or Mining trucks, and on bulldozers, endloaders, etc. for various functions. They can also be found in the entertainment industry.