

# Hydraulics

## Used in Material Handling



	 <b>Spreaders</b>	 <b>Rough Terrain Forklifts</b>	 <b>Cranes</b>	 <b>Aerial Work Platforms</b>
<b>Gear Products</b>	<ul style="list-style-type: none"> <li>• S26, L2, GGP</li> </ul>	<ul style="list-style-type: none"> <li>• S26, L2, GGP</li> </ul>	<ul style="list-style-type: none"> <li>• S26, L2, GGP</li> </ul>	<ul style="list-style-type: none"> <li>• S26, L2, GGP</li> </ul>
<b>Vane Products</b>				<ul style="list-style-type: none"> <li>• V10, V20</li> </ul>
<b>Open Circuit Piston</b>	<ul style="list-style-type: none"> <li>• 420 Pumps</li> </ul>	<ul style="list-style-type: none"> <li>• PVM</li> <li>• Hydrokraft</li> </ul>	<ul style="list-style-type: none"> <li>• 420, PVH (Auxiliary Function)</li> </ul>	<ul style="list-style-type: none"> <li>• 420 Pumps</li> </ul>
<b>Closed Circuit Piston</b>		<ul style="list-style-type: none"> <li>• ME Motors</li> <li>• HD Piston</li> </ul>	<ul style="list-style-type: none"> <li>• ME Motors</li> <li>• HD Piston</li> </ul>	<ul style="list-style-type: none"> <li>• MD Piston</li> <li>• 350 Series Piston</li> </ul>
<b>GG Motors</b>	<ul style="list-style-type: none"> <li>• H-motors</li> </ul>	<ul style="list-style-type: none"> <li>• Spool, Disc, VIS</li> </ul>	<ul style="list-style-type: none"> <li>• Spool</li> </ul>	<ul style="list-style-type: none"> <li>• Spool, Disc, VIS</li> </ul>
<b>Mobile Valves</b>	<ul style="list-style-type: none"> <li>• MDG</li> <li>• Monoblock</li> </ul>	<ul style="list-style-type: none"> <li>• CM 80/120</li> <li>• Priority</li> <li>• Ultronics</li> </ul>	<ul style="list-style-type: none"> <li>• CM 80/120</li> <li>• MDG</li> <li>• CMX &amp; HRC</li> <li>• Ultronics</li> </ul>	<ul style="list-style-type: none"> <li>• CM 80/120</li> <li>• MDG</li> <li>• Monoblock</li> <li>• Ultronics</li> </ul>
<b>Screw-in Cartridge Valves</b>	<ul style="list-style-type: none"> <li>• Broad Portfolio - All Applicable</li> </ul>	<ul style="list-style-type: none"> <li>• Broad Portfolio - All Applicable</li> </ul>	<ul style="list-style-type: none"> <li>• Broad Portfolio - All Applicable Counter Balance</li> </ul>	<ul style="list-style-type: none"> <li>• Broad Portfolio - All Applicable Vented Counter Ballance</li> </ul>
<b>Industrial Valves</b>	<ul style="list-style-type: none"> <li>• DG</li> <li>• KDG</li> </ul>		<ul style="list-style-type: none"> <li>• DG</li> <li>• Stack</li> <li>• Proportional</li> </ul>	<ul style="list-style-type: none"> <li>• DG</li> <li>• Stack</li> <li>• Proportional</li> </ul>
<b>Steering</b>		<ul style="list-style-type: none"> <li>• Series 5 &amp; 10</li> <li>• EPACS</li> <li>• 4-Wheel Steer Valve</li> </ul>	<ul style="list-style-type: none"> <li>• Series 10</li> <li>• Series 20</li> </ul>	
<b>Fluid Conveyance</b>	<ul style="list-style-type: none"> <li>• Braided &amp; Sprial Hose</li> <li>• STC® EZ-Torque</li> </ul>	<ul style="list-style-type: none"> <li>• Braided &amp; Sprial Hose</li> <li>• STC® EZ-Torque</li> </ul>	<ul style="list-style-type: none"> <li>• Braided &amp; Sprial Hose</li> <li>• STC® EZ-Torque</li> </ul>	<ul style="list-style-type: none"> <li>• Braided &amp; Sprial Hose</li> <li>• STC® EZ-Torque</li> </ul>
<b>Filtration</b>	<ul style="list-style-type: none"> <li>• Mobile-gate</li> <li>• H20-gate</li> <li>• Fluid Analysis</li> <li>• Spin-On Filters</li> </ul>	<ul style="list-style-type: none"> <li>• Mobile-gate</li> <li>• H20-gate</li> <li>• Fluid Analysis</li> <li>• Spin-On Filters</li> </ul>	<ul style="list-style-type: none"> <li>• Mobile-gate</li> <li>• H20-gate</li> <li>• Fluid Analysis</li> <li>• Spin-On Filters</li> </ul>	<ul style="list-style-type: none"> <li>• Mobile-gate</li> <li>• H20-gate</li> <li>• Fluid Analysis</li> <li>• Spin-On Filters</li> </ul>

## System Solutions - Material Handling

Reliable Eaton hydraulic components are involved in all aspects of unearthing the raw materials, transporting it to the processing plants, changing the form of those materials, and finally transporting them to the end user and even helping to dispose of them after their useful life. Whether a crane is loading or unloading a large ship or is moving the pieces to build a new home or factory it relies on high quality Eaton hydraulic components to get the job done.

Hydraulics can provide the delicate control capable of handling an egg to the power of literally moving mountains. It provides critical functions such as smooth steering functions, precise hydrostatic pumps and motors for smoothly and precisely moving and placing a load, and the auxiliary pumps, motors, and valves to operate the many different functions that can be found on man lifts, forklifts, cranes, spreaders, and hundreds of other applications.

### Eaton's product ranges for this market include:

- Axial Piston Hydrostatic Pumps
- Axial and Bent Axis Piston Motors
- Axial Piston Open Circuit Pumps
- Gear Pumps
- Steering Control Units
- Priority Valves
- Proportional Flow Control Valves
- Cartridge Valves
- Manifold Blocks
- LSHT Motors
- Remote Hydraulic and Electronic Joysticks
- Electronic Controls
- Hoses, Fittings, and Filters

