







# Hydraulic Accessories

High Pressure Hoses & Accessories



## High Flow HD & HDC Series 3/8" I.D.

hose is recommended to achieve higher retraction speeds and minimal flow restrictions. These heavy duty hoses are rated at 10,000 psi with a minimum burst pressure of 30,000 psi.

Hydraulic Hoses				
Model	Length (Ft)	Hose End	Hose End	I.D. (in)
HD3	3	 <b>3/8 NPTF Male</b>	 <b>3/8 NPTF Male</b>	3/8
HD6	6			
HD10	10			
HD20	20			
HD50	50	 <b>3/8 NPTF Male</b>	 <b>C213 Coupler*</b>	
HDC3	3			
HDC6	6			
HDC10	10			
HDC20	20	 <b>C213 Coupler*</b>	 <b>C213 Coupler*</b>	
HDC50	50			

\*All hoses with couplers includes CR215 Dust Cap.  
 Note: Recommended for use with Suc-O-Matic Pumps.



In this fixed outdoor application Simplex hand pumps and hoses are permanently attached to this mineral processing machine. "The desert environment is tough on hydraulic equipment. Simplex provides us the reliability we need."




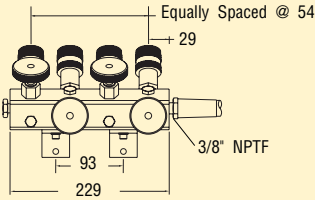

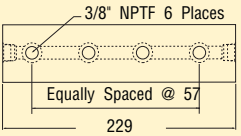

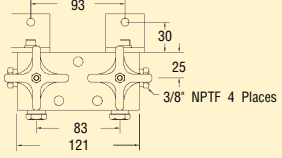



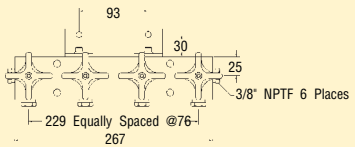
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# Hydraulic Accessories

Manifolds / Fittings & Oil



High Pressure Manifolds		
	<p><b>Pump Mounted 4 Cylinders Control Manifold Kit:</b> The M1 control manifold incorporates (4) station shut-off/flow control valves, 3' hose, gauge port, (4) high flow couplers and pump mounting hardware. Two or more manifolds can be coupled together for larger systems.</p> <p><b>For replacement hose order #89521</b></p>	
	<p><b>Pump Mounted 4 Cylinder Manifold Kit:</b> The M2 manifold includes 2' hose and pump mounting hardware. Two or more manifolds can be coupled together for larger systems.</p> <p><b>For replacement hose order #89521</b></p>	
	<p><b>Pump Mounted 2 Cylinder Control Manifold Kit:</b> The M2A control manifold incorporates (2) station shut-off/flow control valves. Two or more manifolds can be coupled together for larger systems.</p>	
	<p><b>6 Port Inline Hex Manifold:</b> The M3 inline hex manifold features (6) - 3/8\" NPTF threaded ports &amp; mounting holes.</p>	
	<p><b>Pump Mounted 4 Cylinder Control Manifold Kit:</b> The M4 control manifold incorporates (4) station shut-off/flow control valves. Two or more manifolds can be coupled together for larger systems.</p>	

3/8" NPTF High-Pressure 10,000 PSI Fittings									
Hex Nipple	3" Nipple	6" Nipple	90° Elbow	90° St. Elbow	Tee	Coupling	Cross	3/8" M to 1/4" F	1/4" M to 3/8" F
									
F1	F3	F6	F7	F9	F11	F13	F15	F16	F17

Simplex Hydraulic Oil	
Model Number	Hydraulic Oil Qty.
A01	1 Gallon
A05	5 Gallon
A012	12 Quarts
A055	55 Gallons


















Special, high pressure formulated, premium grade oil for all Simplex hydraulic products. High viscosity index insures maximum lubricity over a wide range of operating temperatures.

Simplex Hydraulic Oil	
Viscosity Index	100 min.
VIS, SSU @ 100° F	150 - 155
VIS, SSU @ 210° F	45 - 50
VIS, SSU @ 0° F	< 15,000
Pour Point	-50° F
Flash Point	400° F
Aniline Point	204.8° F
Includes: Anti-Foam, Anti-Rust and Low Temperature Additives	



# Hydraulic Accessories

## Couplers


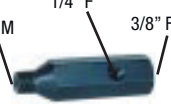
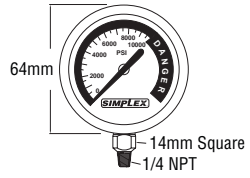


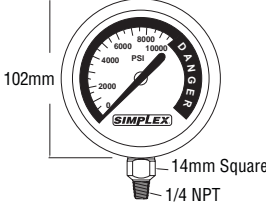


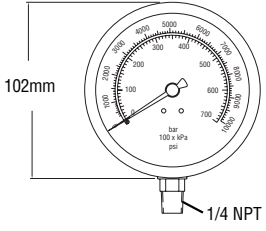


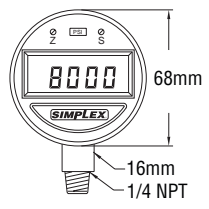


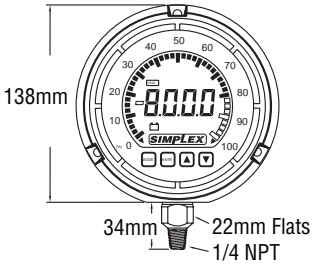


3/8" & 1/4" NPTF High-Flow Couplers	
<p><b>3/8" NPTF</b></p>  <p>C213-Hose Half Coupler</p>  <p>C211-Ram Half Coupler</p>  <p>CR215 Dust Cap</p>  <p>C209 Coupler Complete with 2 Dust Caps</p>	<p>These premium grade couplers provide maximum fluid flow and are plated to resist corrosion. Cylinder Half Couplers have male 3/8" NPTF threads &amp; high strength rubber dust caps; Hose Half Couplers have female 3/8" NPTF threads.</p>
<p><b>1/4" NPTF</b></p>  <p>CT201-Ram Half Coupler</p>  <p>CT202 Hose Half Coupler</p>  <p>CT200 Coupler Complete with 2 Dust Caps</p>	<p>For use on smaller tools, pumps and any tool with 1/4" threads. These couplers are plated to resist corrosion. Cylinder Half Couplers have male 1/4" NPTF threads; Hose Half Couplers have female 1/4" NPTF threads.</p>
3/8" & 1/4" NPTF Flush Face/No Spill Couplers	
<p><b>3/8" NPTF</b></p>  <p>C513-Hose Half Coupler</p>  <p>C515-Dust Cap Ram Half</p>  <p>C516-Dust Cap Hose half</p>  <p>C511-Ram Half Coupler</p>  <p>C509 Coupler Complete with 2 Dust Caps</p>	<p>Unique flush face design features push to connect operation with a sleeve lock, and non-spill "dry" disconnect operation. Easy cleaning minimizes system contamination. This coupler should be used wherever oil spillage constitutes a safety or environmental hazard. Couplers have 3/8" NPTF threads.</p>
<p><b>1/4" NPTF</b></p>  <p>CT210 Hose Half Coupler with Dust Cap</p>  <p>CT211 Ram Half Coupler with Dust Cap</p>  <p>CT212 Coupler Complete with 2 Dust Caps</p>	<p>Unique flush face design features push to connect operation with an auto lock sleeve on the CT211, and non-spill "dry" disconnect operation. Easy cleaning minimizes system contamination. This coupler should be used wherever oil spillage constitutes a safety or environmental hazard. Couplers have 1/4" NPTF threads.</p>

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# Hydraulic Accessories

## Analog & Digital Gauges

Analog & Digital Gauges																													
Gauge	Description	Dimensions																											
 <p>G5 2.1/2" Gauge 500 PSI Increment</p>  <p>GA1 Gauge Adapter</p>	<p>The G5 is a high quality compact liquid filled gauge that reads in both PSI and Bar. Liquid filled to dampen needle vibration, the G5 is perfect for applications up to 10,000 psi.</p> <ul style="list-style-type: none"> <li>Liquid filled dampens needle vibration.</li> <li>+/-1% full scale accuracy.</li> <li>500 psi increment.</li> <li>Stainless steel casing.</li> </ul>	 <p>64mm 14mm Square 1/4 NPT</p>																											
 <p>G6 4" Gauge 500 PSI Increment</p>  <p>GA1 Gauge Adapter</p>	<p>The G6 is a larger, easy to read liquid filled gauge that's in both PSI and Bar with increments of 500 psi. The calibrated scale reads from 0-10,000 psi with 10,000 psi to 15,000 psi as a warning zone.</p> <ul style="list-style-type: none"> <li>Liquid filled dampens needle vibration.</li> <li>+/-1% full scale accuracy.</li> <li>Large easy to read 4" face.</li> <li>Rubber blowout plugs for safety.</li> <li>Stainless steel casing.</li> </ul>	 <p>102mm 14mm Square 1/4 NPT</p>																											
 <p>G7 4" Gauge 100 PSI Increment</p>  <p>GA1 Gauge Adapter</p>	<p>The G7 is a larger, easy to read liquid filled gauge that's in both PSI and Bar with increments of 100 PSI/10Bar. The calibrated scale reads from 0-10,000 psi.</p> <ul style="list-style-type: none"> <li>Liquid filled dampens needle vibration.</li> <li>+/-1% full scale accuracy.</li> <li>Large easy to read 4" face.</li> <li>Rubber blowout plugs for safety.</li> <li>Stainless steel casing.</li> <li>Standard on all Simplex Torque Wrench Pumps.</li> </ul>	 <p>102mm 1/4 NPT</p>																											
 <p>GD1 2 1/2" Digital Gauge</p>  <p>GA1 Gauge Adapter</p>	<p>The GD1 is designed for the high cycle pressure application where mechanical gauges don't hold up. The GD1 is a direct mount, compact gauge with an all stainless steel sensor that is vibration &amp; shock resistant.</p> <ul style="list-style-type: none"> <li>Self powered Lithium batteries.</li> <li>Full 4 digit display.</li> <li>+/- .25% full scale accuracy.</li> <li>10 million cycle life minimum.</li> </ul>	 <p>68mm 16mm 1/4 NPT</p>																											
 <p>GD2 4" Digital Gauge</p>  <p>GA1 Gauge Adapter</p>	<p>The GD2 digital gauge combines the best features of analog and digital instruments. The 0.75" high full 4 digit display is easily read at a distance and the "analog" bar graph allows instant estimation of changing pressures. The all stainless steel sensor is vibration and shock resistant.</p> <ul style="list-style-type: none"> <li>0.75" characters and 270° bar graph "analog" readout.</li> <li>Splash proof phenolic housing.</li> <li>+/- .25% full scale accuracy.</li> <li>Keypad enable/disable of peak high or peak low hold.</li> </ul>	 <p>138mm 34mm 22mm Flats 1/4 NPT</p>																											
 <p>Tonnage Gauge</p>  <p>GA1 Gauge Adapter</p>	<h3>Specifications</h3> <table border="1"> <thead> <tr> <th>Model</th> <th>Calibrated Range (0-10,000 psi) and Tons</th> <th>Face Diameter (in)</th> <th>Cylinders Used With</th> </tr> </thead> <tbody> <tr> <td>GT5</td> <td>0 - 5, 10, 15</td> <td rowspan="8">4</td> <td>All 5, 10 &amp; 15 Ton Models</td> </tr> <tr> <td>GT20</td> <td>0 - 20, 50</td> <td>All 20 RFS &amp; RLS 50 Ton Models</td> </tr> <tr> <td>GT25</td> <td>0 - 25, 55, 100</td> <td>All 25, 55 &amp; RFS &amp; RLS 100 Ton Models</td> </tr> <tr> <td>GT30</td> <td>0 - 30, 50, 100</td> <td>30 Ton Models, 50 &amp; 100 RLR &amp; RLN</td> </tr> <tr> <td>GT100</td> <td>0 - 100, 150, 200</td> <td>RD100 &amp; 200 Series, RLR &amp; RLN 150 &amp; 200</td> </tr> <tr> <td>GTH12</td> <td>0 - 12, 20, 30</td> <td>12, 20 &amp; 30 Ton RC &amp; RCD Series</td> </tr> <tr> <td>GTH60</td> <td>0 - 60, 100, 150</td> <td>60, 100, &amp; 150 Ton RC &amp; RCD Series</td> </tr> </tbody> </table>			Model	Calibrated Range (0-10,000 psi) and Tons	Face Diameter (in)	Cylinders Used With	GT5	0 - 5, 10, 15	4	All 5, 10 & 15 Ton Models	GT20	0 - 20, 50	All 20 RFS & RLS 50 Ton Models	GT25	0 - 25, 55, 100	All 25, 55 & RFS & RLS 100 Ton Models	GT30	0 - 30, 50, 100	30 Ton Models, 50 & 100 RLR & RLN	GT100	0 - 100, 150, 200	RD100 & 200 Series, RLR & RLN 150 & 200	GTH12	0 - 12, 20, 30	12, 20 & 30 Ton RC & RCD Series	GTH60	0 - 60, 100, 150	60, 100, & 150 Ton RC & RCD Series
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