Wetline Kits
Selecting Your System

With the development of eConfigurator™, Parker Chelsea has taken the guess work out of the design and selection of proper components for a complete wetline kit. Simply answer some of the basic system questions and the eConfigurator™ builds the complete wet line kit part number for your installation.

The Parker Chelsea kits are delivered in one convenient package and are ready for immediate installation. By packaging all the truck hydraulic, connector, and related hydraulic system components into a single wetline kit, our system offers the customer the following advantages & benefits:

**Advantages**  
- No guesswork in Power Take-Off (P.T.O.) or other component selection  
- No time wasted in parts collating  
- No need for multiple suppliers  
- Genuine Chelsea P.T.O.s, Commercial Dump Pumps and Parker Hose & Fittings  
- In Stock

**Benefits**  
- Less chance for system error  
- Quick order entry  
- Reduce invoices, single order entry point  
- Market accepted name & quality  
- Quick delivery

Chelsea Wetline System

- High pressure hose with J.I.C. swivel fitting for quick and easy installation  
- Suction and return hoses have crimped fitting on one end and length can be adjusted as required at other end of hose  
- Extra long hose kits are available for special applications  
- Three line systems are recommended to protect pump from becoming over heated

**Chelsea®**

- Power Take-Offs available for Automatic and Manual Transmissions  
- Over five shift options

**Parker®**

- C101/C102 dump pumps  
  -Direct mount or remote mount  
  -Optional air or cable shift  
- Filter kit available for return line application  
  -Mounting bracket and hardware included  
  -Gauge Standard  
  -10 micron spin on filter  
- Swivel fittings at all connections for quick and easy installation

**Also Available:**

**Shut-Off Valves**

- Ball valves 1-1/4", 1-1/2"

**Tanks**

- Aluminum, steel and polyethylene tanks  
- Upright or side mount complete with mounting kit  
- Sight gauge
### Parker Commercial Pumps

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
</table>
| **C102*** | • 4 threaded support rods standard  
• Pressure to 2500 psi  
• Relief valve set at 2000 psi  
• Speeds up to 2400 rpm  
• 48 gpm @ 1800 rpm  
• 2 or 3 line installations  
• Air or cable shift options | • Easier pump support mounting  
• Meets application requirements  
• Protects pump and cylinder  
• Application versatility for operator  
• Faster cycle times  
• System versatility  
• System versatility |
| **PGP051** | • Pressure to 2500 psi  
• Relief valve set at 2000 psi  
• Speeds up to 2400 rpm  
• 29 gpm @ 1800 rpm  
• 2 or 3 line installation  
• Air or cable shift options | • Meets application needs  
• Protects pump and cylinder  
• Application versatility for operator  
• Meets application requirements  
• System versatility  
• System versatility |
| **P20** | • Pressure to 3000 psi  
• Speeds up to 2400 rpm  
• 40 gpm @ 1800 rpm  
• Versatile 4 port design  
• Cast iron design  
• Heavy duty roller bearings | • High pressure capability  
• Application versatility for operator  
• Meets application requirements  
• Flexibility during installation  
• Long life at higher pressures  
• Longer pump life |
| **G102*** | • Pressure to 3000 psi  
• Speeds up to 2400 psi  
• 15 gpm @ 1800 rpm  
• Versatile 4 port design  
• Cast iron design  
• Heavy duty roller bearings | • High pressure capability  
• Application versatility for operator  
• Meets application requirements  
• Flexibility during installation  
• Long life at higher pressures  
• Longer pump life |

**NOTE:** The C102D-2.5-1-AS & G102-1-2.0R-4S-AS come with factory installed air shift option.

### P.T.O.s

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
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</thead>
</table>
| **270** | • 6 Bolt mounting pattern  
• Electric-over-hydraulic shifting  
• Cast iron housing design  
• Direct mount flanges  
• Torque ratings to 300 Lbs. ft | • Wide application coverage  
• No hydraulic line in the cab  
• Robust design for all applications  
• Allows pumps to mount direct to P.T.O.  
• Meets system requirements |
| **277** | • 10 Bolt mounting pattern  
• Cartridge valve assembly  
• Cast iron housing design  
• Direct mount flanges  
• Torque ratings to 325 Lbs.ft | • Tight sealing for Allison World Trans.  
• Reduced interference with chassis  
• Robust design for all applications  
• Allows pumps to mount direct to P.T.O.  
• Meets system requirements |
| **442** | • 6 Bolt mounting pattern  
• Cast iron housing design  
• Wide range of shift options  
• Tapered cone bearings  
• Torque ratings to 250 Lbs.ft | • Fits most manual transmissions  
• Robust design for all applications  
• System versatility  
• High torque and long service life  
• Meets system requirements |
| **489** | • 8 Bolt mounting pattern  
• Cast iron housing design  
• Wide range of shift options  
• Tapered cone bearings  
• Torque ratings to 250 Lbs.ft | • Fits most manual transmissions  
• Robust design for all applications  
• System versatility  
• High torque and long service life  
• Meets system requirements |
# Shifter Console

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>329219X</td>
<td>• Mount P.T.O./Dump Pump Combo Valve&lt;br&gt;• 16 Gauge steel</td>
<td>• Allows for easy control of P.T.O. and Holst on dump applications</td>
</tr>
</tbody>
</table>

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# Tanks

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMS30</td>
<td>• 30 Gallon reservoir&lt;br&gt;• Steel tank assembly, fully baffled, with pre-punched and slotted 2” x 2” mounting angles&lt;br&gt;• Powder coated black finish&lt;br&gt;• Two 2&quot; NPT suction ports, (2) two 1-1/4” return line ports&lt;br&gt;• One 2” port plug and (1) one 1-1/4” port plug&lt;br&gt;• Magnetic drain plug, Filler/Breather assembly, including 40 micro filter w/chain&lt;br&gt;• 5” Oil level/temp sight gauge&lt;br&gt;• Unit packaged in a single carton</td>
</tr>
<tr>
<td>SMS50</td>
<td>• 50 Gallon reservoir&lt;br&gt;• Steel tank assembly ships in one carton with mounting kit shipped in separate carton&lt;br&gt;• Each tank assembly is provided with (3) three 1-1/4” NPT ports&lt;br&gt;• Auxiliary mushroom vent(s) in tank top to increase air exchange&lt;br&gt;• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure&lt;br&gt;• All ports in each unit are internally diffused, one port plug provided&lt;br&gt;• All steel parts are powder coated black&lt;br&gt;• Designed for hydraulic systems using either a Two or Three Line System</td>
</tr>
<tr>
<td>SMA50</td>
<td>• 50 Gallon reservoir&lt;br&gt;• Aluminum tank assembly ships in one carton with mounting kit shipped in separate carton&lt;br&gt;• Each tank assembly is provided with (3) three 1-1/4” NPT ports&lt;br&gt;• Auxiliary mushroom vent(s) in tank top to increase air exchange&lt;br&gt;• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure&lt;br&gt;• All ports in each unit are internally diffused, one port plug provided&lt;br&gt;• All steel parts are powder coated black&lt;br&gt;• Designed for hydraulic systems using either a Two or Three Line System</td>
</tr>
<tr>
<td>Part #</td>
<td>Features</td>
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<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| SMA50SS | • 50 Gallon reservoir  
• Aluminum tank assembly ships in one carton with mounting kit shipped in separate carton  
• SMA50SS comes with stainless steel straps  
• Each tank assembly is provided with (3) three 1-1/4" NPT ports  
• Auxiliary mushroom vent(s) in tank top to increase air exchange  
• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure  
• All ports in each unit are internally diffused, one port plug provided  
• All steel parts are powder coated black  
• Designed for hydraulic systems using either a Two or Three Line System |
| URS50   | • 50 Gallon reservoir  
• Steel tank assembly with (2) two 1-1/4" screw-in NPT bottom ports  
• Filler/Breather assembly including a 40 micron Filter/Breather cap (chain mounted)  
• Strapless design  
• Mounting kit included  
• Designed for a Dump Trailer application using either a Two or Three Line System |
| URA50   | • 50 Gallon reservoir  
• Aluminum tank assembly with (2) two 1-1/4" screw-in NPT bottom ports  
• Filler/Breather assembly including a 40 micron Filter/Breather cap (chain mounted)  
• Strapless design  
• Mounting kit included  
• Designed for a Dump Trailer application using either a Two or Three Line System |
| URP50   | • Extra large 63 gallon capacity/50 gallon usable  
• Rugged reinforced-polyethylene  
• Dual 2" NPT ports - field serviceable if necessary  
• Includes heavy duty strapless hold down system with powder coated steel saddle  
• Pre-assembled for easy installation  
• Designed for use with Two or Three Line System  
• Screw-in diffuser - 2" to 1"  
• Sight temperature gauge standard  
• Heavy duty chain mounted Filter/Breather cap - 40 micron filtration standard |
| URA70   | • 70 Gallon reservoir  
• Aluminum tank assembly with (2) two 1-1/2" screw-in NPT bottom ports  
• Filler/Breather assembly including a 40 micron Filter/Breather cap (chain mounted)  
• Auxiliary vent  
• Mounting kit included  
• Designed for use as a Two or Three Line System |
## Tanks (Continued)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
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</thead>
</table>
| **URS70** | • 70 Gallon reservoir  
• Steel tank assembly with (2) two 1-1/2" screw-in NPT bottom ports  
• Filler/Breather assembly including a 40 micron Filter/Breather cap (chain mounted)  
• Auxiliary vent  
• Mounting kit included  
• Designed for use as a Two or Three Line System |
| **SMS75** | • 70 Gallon reservoir  
• Steel tank assembly ships in one carton with mounting kit shipped in separate carton  
• Each tank assembly is provided with (3) three 1-1/4" NPT ports  
• Auxiliary mushroom vent(s) in tank top to increase air exchange  
• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure  
• All ports in each unit are internally diffused, one port plug provided  
• All steel parts are powder coated black  
• Designed for hydraulic systems using either a Two or Three Line System |
| **SMA75** | • 70 Gallon reservoir  
• Aluminum assembly ships in one carton with mounting kit shipped in separate carton  
• Each tank assembly is provided with (3) three 1-1/4" NPT ports  
• Auxiliary mushroom vent(s) in tank top to increase air exchange  
• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure  
• All ports in each unit are internally diffused, one port plug provided  
• All steel parts are powder coated black  
• Designed for hydraulic systems using either a Two or Three Line System |
| **SMA75SS** | • 70 Gallon reservoir  
• Aluminum tank assembly ships in one carton with mounting kit shipped in separate carton  
• SMA70SS comes with stainless steel straps  
• Each tank assembly is provided with (3) three 1-1/4" NPT ports  
• Auxiliary mushroom vent(s) in tank top to increase air exchange  
• Filler/Breather assembly includes 40 micron Filter/Breather cap (chain mounted) with nylon strainer basket and bayonet closure  
• All ports in each unit are internally diffused, one port plug provided  
• All steel parts are powder coated black  
• Designed for hydraulic systems using either a Two or Three Line System |
### Hoses

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 &amp; 3 Line for Dump</td>
<td>Parker hoses &amp; fittings&lt;br&gt;• All the components needed to connect hoses&lt;br&gt;• High Pressure Hose Parker 451TC Series&lt;br&gt;• Tough Cover&lt;br&gt;• Flexible&lt;br&gt;• Constant pressure rating</td>
<td>• For more than half a century, Parker Hannifin has been both a pioneer and leader in the hoses and fittings market&lt;br&gt;• The complete system from one source&lt;br&gt;• 451TC features a specially formulated MSHA-accepted cover that offers exceptional protection from hose-to-hose or hose-to-object abrasion&lt;br&gt;• Hose lines last longer, minimizing maintenance and down time&lt;br&gt;• 451 features a one-half SAE 100R1 minimum bend radius, making installation in tight spaces fast and simple&lt;br&gt;• 451 rated to 3,000 psi constant working pressure through all sizes&lt;br&gt;• One-half SAE 100R4 minimum bend radius&lt;br&gt;• Oil- and weather-resistant synthetic rubber cover&lt;br&gt;• Suitable for vacuum applications up to 28 in/Hg</td>
</tr>
<tr>
<td>2 &amp; 3 Line for Dump Trailers</td>
<td>Suction Hose Parker 811 Series&lt;br&gt;• Flexible&lt;br&gt;• Durable&lt;br&gt;• Helical reinforcing wire</td>
<td></td>
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<tr>
<td>3 Line for Gooseneck</td>
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</tbody>
</table>

### Filters

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FK-C102-DT</td>
<td>Hose, Fittings, Mounting Bracket and Check Valve included for Dump Truck Applications using a C102 Pump</td>
<td>• One part number to order&lt;br&gt;• Simplified installation&lt;br&gt;• Parker quality components</td>
</tr>
<tr>
<td>FK-G102</td>
<td>Hose, Fittings, Mounting Bracket and Check Valve included for Dump Truck Applications using a G102 Pump</td>
<td>• One part number to order&lt;br&gt;• Simplified installation&lt;br&gt;• Parker quality components</td>
</tr>
<tr>
<td>FK-MF-GN</td>
<td>Hose, Fittings, Mounting Bracket and Check Valve included for Moving Floor or Goose Neck Applications using a PGP051 or P20 Pump</td>
<td>• One part number to order&lt;br&gt;• Simplified installation&lt;br&gt;• Parker quality components</td>
</tr>
<tr>
<td>FK-TTD-C102</td>
<td>Hose, Fittings, Mounting Bracket, Dual Filter and Check Valve included for Dump Trailer Applications using a C102 Pump</td>
<td>• One part number to order&lt;br&gt;• Simplified installation&lt;br&gt;• Parker quality components</td>
</tr>
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**Parker Chelsea**
### Suction Ball Valve

<table>
<thead>
<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
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</thead>
<tbody>
<tr>
<td>BV150</td>
<td>• Forged brass body ball valve (1-1/4&quot;) &lt;br&gt; • Full flow design &lt;br&gt; • Highly inert PTFE seats &lt;br&gt; • Two fluorocarbon O-Rings &lt;br&gt; • Blow out proof stem, chrome plated brass ball and specially designed handle</td>
<td>• Provides extended service life and resists failure caused by severe temperature applications &lt;br&gt; • Assures maximum system efficiency &lt;br&gt; • Provides resistance to chemical corrosion &lt;br&gt; • Maximum safety with no maintenance &lt;br&gt; • Enables increased turning leverage for ease of opening and closing</td>
</tr>
</tbody>
</table>

### Return Ball Valves

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<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BV125</td>
<td>• Forged brass body ball valve (1-1/4&quot;) &lt;br&gt; • Full flow design &lt;br&gt; • Highly inert PTFE seats &lt;br&gt; • Two fluorocarbon O-Rings &lt;br&gt; • Blow out proof stem, chrome plated brass ball and specially designed handle</td>
<td>• Provides extended service life and resists failure caused by severe temperature applications &lt;br&gt; • Assures maximum system efficiency &lt;br&gt; • Provides resistance to chemical corrosion &lt;br&gt; • Maximum safety with no maintenance &lt;br&gt; • Enables increased turning leverage for ease of opening and closing</td>
</tr>
<tr>
<td>BV150</td>
<td>• Forged brass body ball valve (1-1/5&quot;) &lt;br&gt; • Full flow design &lt;br&gt; • Highly inert PTFE seats &lt;br&gt; • Two fluorocarbon O-Rings &lt;br&gt; • Blow out proof stem, chrome plated brass ball and specially designed handle</td>
<td>• Provides extended service life and resists failure caused by severe temperature applications &lt;br&gt; • Assures maximum system efficiency &lt;br&gt; • Provides resistance to chemical corrosion &lt;br&gt; • Maximum safety with no maintenance &lt;br&gt; • Enables increased turning leverage for ease of opening and closing</td>
</tr>
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</table>
## Quick Disconnects

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<tr>
<th>Part #</th>
<th>Features</th>
<th>Benefits</th>
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</thead>
</table>
| Wing Style-6125-16 | • Brass wing style quick coupler 1” female  
• Bonded valve seal  
• Flush face valve  
• Corrosion resistant body | • Ruggedly built to withstand the hammer blows commonly used to tighten and loosen this coupler  
• Permits full pressure connect and disconnect – without seal washout  
• Keeps air inclusion and spillage to a minimum  
• Compatible with a broad range of media and provides versatility |
| Quick Connect-6601-16-16 | • Poppet valves are mated with a solid metal perch  
• Durable-ball-locking mechanism | • Maintains valve alignment and prevents flow checking  
• Ensures a reliable connection every time |
## Service Parts

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTS2</td>
<td>Pipe Thread Sealant</td>
</tr>
<tr>
<td>936912</td>
<td>Replacement Filter for the 50AT &amp; FSP4 Series Filters</td>
</tr>
<tr>
<td>FB10</td>
<td>Filter Bracket 50AT Series</td>
</tr>
<tr>
<td>FB20</td>
<td>Filter Bracket FSP4 Series</td>
</tr>
<tr>
<td>STG1</td>
<td>Sight Temperature Gauge (fits all uprights)</td>
</tr>
<tr>
<td>SIG1</td>
<td>Screw in Diffuser (fits Steel &amp; Aluminum tanks)</td>
</tr>
<tr>
<td>BKP6</td>
<td>Steel Strap 52” for URA65</td>
</tr>
<tr>
<td>CAP1</td>
<td>Cap Assembly</td>
</tr>
<tr>
<td>FMP1</td>
<td>Pre-Drilled Mounting Angle for 50 gal. Uprights</td>
</tr>
<tr>
<td>FMP2</td>
<td>Pre-Drilled Rubber Mounting Pads for All Uprights</td>
</tr>
<tr>
<td>FMP3</td>
<td>Compression Springs for All Uprights</td>
</tr>
<tr>
<td>FMP7</td>
<td>Mounting Angle 65 &amp; 70 gal. Uprights</td>
</tr>
<tr>
<td>MBP4</td>
<td>J-Bracket Support 50 &amp; 70 gal. Saddle Mounts</td>
</tr>
<tr>
<td>MGP1</td>
<td>Magnetic Drain Plug</td>
</tr>
<tr>
<td>MSR1</td>
<td>Mushroom Vent (3/4”)</td>
</tr>
<tr>
<td>3911832323</td>
<td>C102 Pump Mounting Bracket</td>
</tr>
</tbody>
</table>

## Warranty

Seller warrants that the Products sold hereunder shall be free from defects in material or workmanship for a period of twenty four months from the date of delivery to Buyer. The prices charged for Seller’s products are based upon the exclusive limited warranty stated above, and upon the following disclaimer: **Disclaimer of Warranty:** This warranty comprises the sole and entire warranty pertaining to products provided hereunder. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**