The most versatile pump offered by Waterous. When you need the performance of a larger split-shaft pump, but just don’t have the compartment space, the CX/CXS is the answer.

**PERFORMANCE**
- Up to 1500 GPM (6000 l/min)

**AVAILABLE MOUNTING**
- Mid-Ship: Equipped with C20 Chain Drive Transmission
- PTO: Equipped with PA or QB Chain Drive
  PTO or K Series Gear Drive Transmission
- Rear Mount: Equipped with TC20 Transmission
SPECIFICATIONS – VEHICLE MOUNTED: MODEL CX

Up to 1500 GPM (6000 l/min) Flow Performance

<table>
<thead>
<tr>
<th>GPM</th>
<th>l/min</th>
<th>l/sec</th>
<th>PSI</th>
<th>bar</th>
<th>kPa</th>
<th>MPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
<td>3000</td>
<td>50</td>
<td>150</td>
<td>10</td>
<td>1000</td>
<td>1.0</td>
</tr>
<tr>
<td>1000</td>
<td>4000</td>
<td>65</td>
<td>150</td>
<td>10</td>
<td>1000</td>
<td>1.0</td>
</tr>
<tr>
<td>1250</td>
<td>5000</td>
<td>80</td>
<td>150</td>
<td>10</td>
<td>1000</td>
<td>1.0</td>
</tr>
<tr>
<td>1500</td>
<td>6000</td>
<td>100</td>
<td>150</td>
<td>10</td>
<td>1000</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Pump Features

- Two-Piece, vertically-split, high-tensile, close-grained iron (bronze Optional) body.
- Replaceable bronze wear rings to increase pump life.
- Stainless steel impeller shaft supported by oil-lubricated ball bearings.
- Self-adjusting mechanical seal.
- 6" Victaulic Intake (CVX Model)
- 6" Dual Intake “Rams Horn” (CXS Model)
- DIN PN10 150 Flange (CXN Model)

Warranty

Waterous Five-Year Limited Warranty

Conditions of Sales

For details on Waterous Condition of Sales, refer to F-2190, Conditions of Sales located on the Waterous web site at www.waterousco.com or by contacting Waterous.

Optional Equipment

- Priming System, see F-2418
- Pressure Control Systems –
  - Discharge Relief Valve, see F-897
  - Intake Relief Valve, see F-1192
- Corrosion Protection – Zinc Intake Screens and Anodes
- Overheat Protection Manager, see F-2422
- Drain Valves, see F-1158
- 3-1/2" Tank to Pump Valve
- Discharge Valves, see F-1161
- Pneumatic Shift, see F-1154
- Five-Year Limited Warranty with Total Protection Package (TPP-5), see F-2626
- Tachometer drive, operates at ½ input shaft speed.
- Transmissions Available:
  - C20 Chain Drive (Split-Shaft)
  - P Series Chain Drive (PTO Driven)
  - K Series Gear Driven (PTO Driven)
  - T Series Gear Driven (Direct Engine)
  - QB Series Transmission (PTO Driven)

Industry Leading Sales and Support

When you purchase equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

Sales/Applications Assistance
Phone: 651-450-5234 (Press 3)
pumpsales@waterousco.com

Service Assistance
Phone: 651-450-5200
Fax: 800-488-1228
service@waterousco.com

Pump Transmissions

K Series
The K Series Transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive.
- Housing: Close-grained, gray iron
- Gears: Helical, precision cut, crown shaved for proper load distribution and quiet operation.

T Series
The T Series Transmission is supplied when the pump is to be mounted directly to the engine bell housing. This provides a clean, compact arrangement and allows for complete pump and roll capability.
- Housing: Close-grained, gray iron
- Gears: Helical, precision cut, crown shaved for proper load distribution and quiet operation.

D Series Direct Drive
Used when a truck transmission mounted power take-off is selected as the pump drive.
- Housing: High-strength aluminum

C20 Series
The “C20” series transmission is supplied when the pump is to be midship mounted. Power from the truck’s automatic transmission is transmitted to the pump.
- Housing: High-strength aluminum
- Chain: High-strength involute chain

PA Series
PA Series transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive. Designed for use with Allison transmissions with 10-bolt PTO.
- Housing: High-strength aluminum
- Chain: High-strength involute chain

QB Series (CVX Pumps Only)
QB Series transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive. Designed with an 18-1/4" offset.
- Chain Driven
- Aluminum Case
- 1:06 ratio
- 1.750-10 SAE spline with SPL Series 90 End Yoke

Intake Connection:

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Victaulic® Intake</td>
<td>CXV</td>
<td>6 inch</td>
</tr>
<tr>
<td>Rams Horn Dual Intake</td>
<td>CXS</td>
<td>6 inch</td>
</tr>
<tr>
<td>Flange</td>
<td>CXN</td>
<td>DIN PN10 150</td>
</tr>
</tbody>
</table>

Note: 6 inch threaded intake available with 3 inch auxiliary intake ports.