



C Series

C50S/C50SS/C70S/C70SS/C90S Trailer Mounted Concrete Pumps



C Series:

REED C Series pumps feature Rexroth "Closed-Loop" hydraulic systems, twin axles and twin-shift cylinders. These high-performance pumps excel even under the most extreme conditions. **REED** is the first trailer pump manufacturer to bring this top-level Boom Pump technology to trailer pumps.

The rugged, powerful **C Series** pumps are designed to withstand the punishment inherent to heavy construction environments.

Superior engineering, premium technology, top quality components and pride in workmanship make **C Series** pumps the most reliable pumps on the market.

Standard Features:

- **Rexroth** Closed-loop, over-center hydraulic system
- **Cummins Diesel Engines** are Powerful (more torque), Quieter, and more Efficient (lower RPMs). EPA Tier 3 approval
- **REED PLC (Programmable Logic Controller)** Allows for self diagnosis on the LCD, simple adjustments, and future enhancements
- **Variable-volume** and **R.P.M. control** at remote control box
- **Strongest Shifting Cylinder Force** on the market
- **Carbide Wear Parts**
- Hydraulic Outriggers
- Super heavy-duty frame (sturdiest frame on market)
- Twin axle trailer 2x7000 lb (2x3182 kg)
- 3" Splined shaft on heavy-duty "S"-tube
- 42" stroke length
- Special high-pressure reinforced hopper

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Additional Features:

- Adjustable Shifting Force Valve
- Stainless-steel hopper splash guard
- Hard chromed concrete cylinders
- Large fuel tank capacity with gauge
- Weatherproof NEMA 4 control panel
- High capacity hydraulic oil cooler
- Remote Control with 50' (15m) Cable
 - On/Off, b) Forward-Reverse,
 - Stroke Change (S-tube Jog),
 - Engine RPM Control, e) Hydraulic Pump Volume Control
- Hour meter/tachometer
- Reversibility at any point in the stroke
- Safety Emergency Stop Function
- 3" Diameter Splined shaft on "S" Valve
- E.P.A. Tier 3 Approval of Cummins Diesel Engines
- Highest commonality of hydraulic hoses
- Hopper grate

Optional Features:

- Radio remote control
- Hydraulically driven water wash-out pump
- Vibrator for hopper screen
- Chemical additive pump
- Stroke counter
- Skid mounting
- Lifting eyes
- "Murphy" switch for engine
- Electric motor instead of diesel
- Surge brakes

| MODEL | | | C50S | C50SS | C70S | C70SS | C90S | |
|-----------------------------------------|---------------------|--|------------|------------|------------|------------|-------|------------|
| | | | | | | | H.V. | H.P. |
| Concrete Output | yd ³ /hr | | 50 | 54 | 70 | 74 | 90 | 74 |
| | m ³ /hr | | 38 | 41 | 54 | 56 | 69 | 56 |
| Concrete Pressure | psi | | 1640 | 2000 | 1125 | 1469 | 896 | 1469 |
| | bar | | 114 | 138 | 78 | 102 | 62 | 102 |
| Horizontal Pumping Distance* | ft | | 1425* | 2000* | 1000* | 1350* | 1000* | 1350* |
| | m | | 434* | 610* | 305* | 411* | 305* | 411* |
| Vertical Pumping Distance* | ft | | 575* | 800* | 425* | 550* | 550* | 425* |
| | m | | 175* | 244* | 130* | 168* | 168* | 130* |
| Cummins Diesel Engine (Tier 3 Approved) | hp | | 160 | 220 | 160 | 220 | | 220 |
| | kW | | 119 | 164 | 119 | 164 | | 164 |
| Concrete Cylinder Diameter | in | | 6" | 6" | 7" | 7" | | 7" |
| | mm | | 152 | 152 | 175 | 175 | | 175 |
| Stroke Length | in | | 42" | 42" | 42" | 42" | | 42" |
| | mm | | 1067 | 1067 | 1067 | 1067 | | 1067 |
| Maximum Aggregate Size | in | | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | | 1 1/2" |
| | mm | | 38 | 38 | 38 | 38 | | 38 |
| Hopper Capacity (Standard) | ft ³ | | 12 | 12 | not avail. | not avail. | | not avail. |
| | liters | | 340 | 340 | not avail. | not avail. | | not avail. |
| Hopper Capacity (Harsh-Mix) | ft ³ | | not avail. | not avail. | 14.5 | 14.5 | | 14.5 |
| | liters | | not avail. | not avail. | 410 | 410 | | 410 |
| Hopper Height (Standard) | in | | 44" | 44" | not avail. | not avail. | | not avail. |
| | mm | | 1118 | 1118 | not avail. | not avail. | | not avail. |
| Hopper Height (Harsh-Mix) | in | | not avail. | not avail. | 47" | 47" | | 47" |
| | mm | | not avail. | not avail. | 1194 | 1194 | | 1194 |
| Hydraulic Oil Capacity | gal | | 60 | 60 | 60 | 60 | | 60 |
| | liters | | 227 | 227 | 227 | 227 | | 227 |
| Fuel Capacity | gal | | 39 | 39 | 39 | 39 | | 39 |
| | liters | | 148 | 148 | 148 | 148 | | 148 |
| Outlet Size | in | | 5" | 5" | 5" | 5" | | 5" |
| | mm | | 127 | 127 | 127 | 127 | | 127 |
| Dimensions | | | Length | Width | Height | | | |
| | in | | 184" | 71" | 83" | | | |
| | mm | | 4674 | 1803 | 2108 | | | |
| Weight (Approx.) (with oil and fuel) | lbs | | 8260 | 8260 | 8600 | 8600 | | 8750 |
| | kg | | 3755 | 3755 | 3909 | 3909 | | 3977 |

* Theoretical distances and performance shown above are estimated using standard industry methods. Actual performance will vary depending on the concrete pump (concrete pressure, horsepower), material (mix design, slump, local sand and rock characteristics), and delivery system (pipeline diameter, type (steel or hose) and reductions/bends). Maximum output, pressure, and distance cannot be reached simultaneously. Specifications subject to change without prior notice.



Distributed By:

REED can truck or skid mount any concrete pump.
(consult factory for details)

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