



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

### 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
  - a) On/Off, b) Forward-Reverse,
  - c) Stroke Change (S-tube Jog),
  - d) 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 <sup>3</sup> /hr	50	54	70	74	90	74
	m <sup>3</sup> /hr	38	41	54	56	69	56
Concrete Pressure	psi	1530	2000	1125	1469	896	1469
	bar	105	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*	425*	550*
	m	175*	244*	130*	168*	130*	168*
Cummins Diesel Engine (Tier 3 Approved)	hp	160	220	160	220	220	220
	kW	119	164	119	164	164	164
Concrete Cylinder Diameter	in	6"	6"	7"	7"	7"	7"
	mm	152	152	175	175	175	175
Stroke Length	in	42"	42"	42"	42"	42"	42"
	mm	1067	1067	1067	1067	1067	1067
Maximum Aggregate Size	in	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	mm	38	38	38	38	38	38
Hopper Capacity (Standard)	ft <sup>3</sup>	12	12	not avail.	not avail.	not avail.	not avail.
	liters	340	340	not avail.	not avail.	not avail.	not avail.
Hopper Capacity (Harsh-Mix)	ft <sup>3</sup>	not avail.	not avail.	14.5	14.5	14.5	14.5
	liters	not avail.	not avail.	410	410	410	410
Hopper Height (Standard)	in	44"	44"	not avail.	not avail.	not avail.	not avail.
	mm	1118	1118	not avail.	not avail.	not avail.	not avail.
Hopper Height (Harsh-Mix)	in	not avail.	not avail.	47"	47"	47"	47"
	mm	not avail.	not avail.	1194	1194	1194	1194
Hydraulic Oil Capacity	gal	60	60	60	60	60	60
	liters	227	227	227	227	227	227
Fuel Capacity	gal	39	39	39	39	39	39
	liters	148	148	148	148	148	148
Outlet Size	in	5"	5"	5"	5"	5"	5"
	mm	127	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	8750
	kg	3755	3755	3909	3909	3977	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.



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

Distributed By:

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