



C Series

C50S/C50SS/C70S/C70SS/C90S/ C100 Trailer Mounted Concrete Pumps



C Series:

These ultra high-performance line pumps feature Rexroth “Closed Loop” hydraulic systems, twin axles, and twin-shifting cylinders. These pumps were designed to excel even under the most extreme pumping conditions. **REED** is the first trailer pump manufacturer to bring this technology to line pumps.

C Series frames, hoppers, and pump cells are built to withstand the most punishing jobsite conditions.

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

Standard Features:

- **Cummins 6 Cylinder Diesel Motors** are VERY Powerful (160hp, 220hp, 260hp), VERY Quiet, and VERY Efficient (lower RPMs)
- **Rexroth Closed-loop, over-center hydraulic system**
- **REED's PLC Control Box (Programmable Logic Controller)** quick and easy diagnosis and analysis
- **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 super reinforced hopper**

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Additional Features:

- Hard chromed concrete cylinders
- Weatherproof NEMA 4 control panel
- High capacity hydraulic oil cooler
- Hour meter/tachometer
- Stroke counter
- Reversibility at any point in the stroke

Optional Features:

- 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
- Radio remote control
- Hydraulically driven water wash-out pump
- Vibrator for hopper screen
- Chemical additive pump
- Lifting eyes
- Electric motor
- Tier 4 Diesel
- Hydraulic Surge brakes
- Custom Paint
- Auto Lube System or Lube Block
- Additional Options Available...

MODEL		C50S	C50SS	C70S	C70SS	C90S	C100
High Vol / High Press							
Concrete Output	yd ³ /hr	50	54	70	74	90	106
	m ³ /hr	38	41	54	56	69	81
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*	425*	550*
	m	175*	244*	130*	168*	130*	168*
Cummins Diesel Engine	hp	160	220	160	220	220	260
	kW	119	164	119	164	164	193
Concrete Cylinder Diameter	in	6"	6"	7"	7"	7"	8"
	mm	152	152	175	175	175	203
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"	2 1/2"
	mm	38	38	38	38	38	63
Hopper Capacity (Standard)	ft ³	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 ³	not avail.	not avail.	14.5	14.5	14.5	21
	liters	not avail.	not avail.	410	410	410	600
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"	50"
	mm	not avail.	not avail.	1194	1194	1194	1267
Hydraulic Oil Capacity	gal	60	60	60	60	60	72
	liters	227	227	227	227	227	272
Fuel Capacity	gal	39	39	39	39	39	39
	liters	148	148	148	148	148	148
Outlet Size	in	5"	5"	5"	5"	5"	6"
	mm	127	127	127	127	127	152
Dimensions		Length		Width		Height	
	in	184" (C100 208")		71"		83"	
	mm	4674 (C100 5283)		1803		2108	
Weight (Approx.) (with oil and fuel)	lbs	8260	8260	8600	8600	8750	9780
	kg	3755	3755	3909	3909	3977	4436

* 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, track or skid mount any concrete pump.