



C Series

C50S/C50SS/C70S/C70SS/C90/ C100 Concrete & Shotcrete Pumps-S5



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 (225hp), VERY Quiet, and VERY Efficient (lower RPMs)
- Rexroth Closed-loop, over-center hydraulic system
- REED's PLC Control Box (Programmable Logic Controller) for 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

C Series

C50S/C50SS/C70S/C70SS/C90/C100 Concrete & Shotcrete Pumps-S5

Additional Features:

- Electronic Control Overrides
- Electronic Volume Control
(with purchase of optional radio remote)
- High capacity hydraulic oil cooler
- Hour meter/tachometer/
volume calculator
- Easy-to-read Diagnostics

Optional Features:

- Radio Remote Control
 - a) On/Off, b) Forward-Reverse,
 - c) Stroke Change (S-tube Jog),
 - d) Engine RPM Control, e) Hydraulic
Pump Volume Control
- Cable remote control
- Hydraulically driven water wash-
out pump
- Vibrator for hopper screen
- Synchronized Chemical Additive Pump
- Lifting Eyes
- Electric Motor
- Tier 4 Diesel
- Hydraulic Surge brakes
- Custom Paint, Chrome Wheels
- Auto Lube System or Lube Block
- Additional Options Available...

MODEL		C50S	C50SS	C70S	C70SS	C90	
							HighVol / HighPress
Concrete Output	yd ³ /hr m ³ /hr	50 38	54 41	70 54	74 56	90 69	74 56
Concrete Pressure	psi bar	1640 114	2000 138	1125 78	1469 102	896 62	1469 102
Horizontal Pumping Distance*	ft m	1425* 434*	2000* 610*	1000* 305*	1350* 411*	1000* 305*	1350* 411*
Vertical Pumping Distance*	ft m	575* 175*	800* 244*	425* 130*	550* 168*	425* 130*	550* 168*
Cummins Diesel Engine Tier 4 - 6.7L	hp kW	225 168	225 168	225 168	225 168	225 168	
Concrete Cylinder Diameter	in mm	6" 152	6" 152	7" 175	7" 175	7" 175	
Stroke Length	in mm	42" 1067	42" 1067	42" 1067	42" 1067	42" 1067	
Maximum Aggregate Size	in mm	1 1/2" 38	1 1/2" 38	1 1/2" 38	1 1/2" 38	1 1/2" 38	
Hopper Capacity (Standard)	ft ³ liters	12 340	12 340	n/a n/a	n/a n/a	n/a n/a	
Hopper Capacity (Harsh-Mix)	ft ³ liters	n/a n/a	n/a n/a	14.5 410	14.5 410	14.5 410	
Hopper Height (Standard)	in mm	44" 1118	44" 1118	n/a n/a	n/a n/a	n/a n/a	
Hopper Height (Harsh-Mix)	in mm	n/a n/a	n/a n/a	47" 1194	47" 1194	47" 1194	
Hydraulic Oil Capacity	gal liters	60 227	60 227	60 227	60 227	60 227	
Fuel Capacity	gal liters	39 148	39 148	39 148	39 148	39 148	
Outlet Size	in mm	5" 127	5" 127	5" 127	5" 127	5" 127	
Dimensions		Length		Width		Height	
	in	184" (C100 200")		71"		83"	
	mm	4674 (C100 5080)		1803		2108	
Weight (Approx.) (with oil and fuel)	lbs kg	9140 4146	9140 4146	9480 4300	9550 4331	9630 4368	

* 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 track, truck or skid mount any concrete pump.