



C Series

C50S/C50SS/C70S/C70SS/C90/ C100 Concrete & Shotcrete Pumps-T4



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, 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

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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	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*	425*	550*
	m	175*	244*	130*	168*	130*	168*
Cummins Diesel Engine Tier 4 - 6.7L	hp	160	225	160	225	225	
	kW	119	168	119	168	168	
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	n/a	n/a.	n/a	
	liters	340	340	n/a	n/a.	n/a	
Hopper Capacity (Harsh-Mix)	ft ³	n/a	n/a	14.5	14.5	14.5	
	liters	n/a	n/a	410	410	410	
Hopper Height (Standard)	in	44"	44"	n/a	n/a.	n/a	
	mm	1118	1118	n/a	n/a	n/a	
Hopper Height (Harsh-Mix)	in	n/a	n/a	47"	47"	47"	
	mm	n/a	n/a	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" (C100 200")		71"		83"	
	mm	4674 (C100 5080)		1803		2108	
Weight (Approx.) (with oil and fuel)	lbs	9140	9140	9480	9550	9630	
	kg	4146	4146	4300	4331	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.