

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, overcenter 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 heavyduty "S"-tube
- 42" stroke length
- Special high-pressure super reinforced hopper

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yd³/hr m³/hr

50

MODEL

Concrete Output

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 washout 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 Avaiable...

Concrete Pressure	psi	1640	2000	1125	1469	896	1469
	bar	114	138	78	102	62	102
Horizontal Pumping	ft	1425*	2000*	1000*	1350*	1000*	1350*
Distance*	m	434*	610*	305*	411*	305*	411*
Vertical Pumping	ft	575*	800*	425*	550*	425*	550*
Distance*	m	175*	244*	130*	168*	130*	168*
Cummins Diesel Engine	hp	225	225	225	225	225	
Stage 5 - 6.7L	kW	168	168	168	168	168	
Concrete Cylinder	in	6″	6"	7″	7"	7″	
Diameter	mm	152	152	175	175	175	
Stroke Length	in	42"	42″	42"	42"	42"	
	mm	1067	1067	1067	1067	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 (<u>Standard</u>)	ft ³	12	12	n/a	n/a.	n/a	
	liters	340	340	n/a	n/a.	n/a	
Hopper Capacity (<u>Harsh-Mix</u>)	ft ³	n/a	n/a	14.5	14.5	14.5	
	liters	n/a	n/a	410	410	410	
Hopper Height (<u>Standard</u>)	in	44"	44"	n/a	n/a.	n/a	
	mm	1118	1118	n/a	n/a	n/a	
Hopper Height (<u>Harsh-Mix</u>)	in	n/a	n/a	47"	47″	47"	
	mm	n/a	n/a	1194	1194	1194	
Hydraulic Oil Capacity	gal	60	60	60	60	60 227	
Fuel Capacity	liters gal liters	227 39 148	227 39 148	227 39 148	227 39 148	39 148	
Outlet Size	in mm	5″ 127	5" 127	5" 127	5″ 127	5′	y
Dimensions	in mm	Length 184" 4674		Width 71" 1803	Height 83" 2108		
Weight (Approx.)	lbs	9140	9140	9480	9550	9630	
(with oil and fuel)	kg	4146	4146	4300	4331	4368	

C50SS

54

70

C70SS

74

C90

90

69

HighVol / HighPress

74

56



Theoretical distances and performance shown adves are estimated using standard industry metrious.

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.