

REED

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		C100	
							HighVol / HighPress	HighVol / HighPress	HighVol / HighPress	HighVol / HighPress
Concrete Output	yd ³ /hr		50	54	70	74	90	74	114	86
	m ³ /hr		38	41	54	56	69	56	87	66
Concrete Pressure	psi		1640	2000	1125	1469	896	1469	708	1161
	bar		114	138	78	102	62	102	49	80
Horizontal Pumping Distance*	ft		1425*	2000*	1000*	1350*	1000*	1350*	1000*	1350*
	m		434*	610*	305*	411*	305*	411*	305*	411
Vertical Pumping Distance*	ft		575*	800*	425*	550*	425*	550*	425*	550*
	m		175*	244*	130*	168*	130*	168*	130*	168*
Cummins Diesel Engine Tier 4 - 6.7L	hp		160	225	160	225	225		225	
	kW		119	168	119	168	168		168	
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"	
	mm		38	38	38	38	38		51	
Hopper Capacity (Standard)	ft ³		12	12	n/a	n/a.	n/a		n/a	
	liters		340	340	n/a	n/a.	n/a		n/a	
Hopper Capacity (Harsh-Mix)	ft ³		n/a	n/a	14.5	14.5	14.5		25	
	liters		n/a	n/a	410	410	410		708	
Hopper Height (Standard)	in		44"	44"	n/a	n/a.	n/a		n/a	
	mm		1118	1118	n/a	n/a	n/a		n/a	
Hopper Height (Harsh-Mix)	in		n/a	n/a	47"	47"	47"		47"	
	mm		n/a	n/a	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"		6"	
	mm		127	127	127	127	127		152	
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		10,860	
	kg		4146	4146	4300	4331	4368		4926	

* 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.