

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

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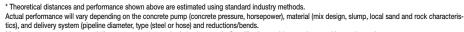
#### Additional Features:

- 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 washout 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 Avaiable...

MODEL		C50S	C50SS	C70S	C70SS	C90S		C100
					High Vol / High Press			
Concrete Output	yd <sup>3</sup> /hr	50	54	70	74	90	74	106
	m <sup>3</sup> /hr	38	41	54	56	69	56	81
Concrete Pressure	psi	1640	2000	1125	1469	896	1469	1424
	bar	114	138	78	102	62	102	98
Horizontal Pumping	ft	1425*	2000*	1000*	1350*	1000*	1350*	1350*
Distance*	m	434*	610*	305*	411*	305*	411*	411*
Vertical Pumping	ft	575*	800*	425*	550*	425*	550*	550*
Distance*	m	175*	244*	130*	168*	130*	168*	168*
Cummins Diesel Engine	hp	160	220	160	220	220		260
	kW	119	164	119	164	164		193
Concrete Cylinder	in	6"	6"	7"	7"	7"		"8
Diameter	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 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>2</sub> "		2 <sup>1</sup> / <sub>2</sub> "
	mm	38	38	38	38	38		63
Hopper Capacity ( <u>Standard</u> )	ft <sup>3</sup>	12	12	not avail.	not avail.	not avail.		not avail.
	liters	340	340	not avail.	not avail.	not avail.		not avail.
Hopper Capacity ( <u>Harsh-Mix</u> )	ft <sup>3</sup>	not avail.	not avail.	14.5	14.5	14.5		21
	liters	not avail.	not avail.	410	410	410		600
Hopper Height ( <u>Standard</u> )	in	44"	44"	not avail.	not avail.	not avail.		not avail.
	mm	1118	1118	not avail.	not avail.	not avail.		not avail.
Hopper Height ( <u>Harsh-Mix</u> )	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 mm	5" 127	5" 127	5" 127	5" 127	1	5" 27	6" 152
Dimensions	in mm	Length 184" (C100 208") 4674 (C100 5283)		Width 71" 1803	Height 83" 2108			
Weight (Approx.)	lbs	8260	8260	8600	8600		8750	9780
(with oil and fuel)	kg	3755	3755	3909	3909		3977	4436



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.