

C Series Trailer Mounted Concrete Pumps 50S / C50SS / C70S / C70SS / C90S

- REED C series pumps feature Rexroth “Closed-Loop” hydraulic systems, twin axles and twin-shift cylinders. These high-performance pumps excel even under the most extreme conditions.
- REED is the first trailer pump manufacturer to bring this top level Boom Pump technology to trailer pumps.
- The rugged, powerful C Series pumps are designed to withstand the punishment inherent to heavy construction environments.
- Superior engineering, premium technology, top quality components and pride in workmanship make C Series pumps the most reliable pumps on the market.



APPLICATIONS

- Big Rock
- Grout
- Pea Gravel
- Shotcrete
- Slope Stabilisation
- Ponds & Spas
- Slabs
- Rockscaping
- Mines
- Backfill
- Foundations
- Pressure Grouting

STANDARD FEATURES

- Rexroth Closed-loop overcentre hydraulic system
- Powerful Cummins Diesel Engine (more torque)
- Quieter and more efficient (lower RPM's). EPA Tier 3 approval.
- REED PLC (Programmable Logic Controller)
- Allows for self diagnosis on the LCD, simple adjustments and future enhancements.
- Variable-volume and R.P.M. control at remote control box
- Carbide Wear Parts
- Hydraulic Outriggers
- Super heavy-duty frame (sturdiest frame on market)
- Twin axle trailer 2x7000lb (2x3182kg)
- 3" splined shaft on heavy duty "S" tube
- 42" stroke length
- Special high-pressure reinforced hopper

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ADDITIONAL FEATURES

- Adjustable shifting force valve
- Stainless steel hopper splash guard
- Hard chromed concrete cylinders
- Large fuel tank capacity with gauge
- Weatherproof NEMA 4 control panel
- High capacity hydraulic oil cooler
- Remote control with 15m cable
 - a. On / Off
 - b. Forward / Reverse
 - c. Stroke Change (S-tube jog)
 - d. Engine RPM control
 - e. Hydraulic
- Pump volume control
- Hour meter / tachometer
- Reversibility at any point in the stroke
- Safety emergency stop function
- 3" diameter splined shaft on "S" valve
- Highest commonality of hydraulic hoses
- Hopper grate

OPTIONAL FEATURES

- Radio remote control
- Hydraulically driven water washout pump
- Vibrator for hopper screen
- Chemical additive pump
- Stroke counter
- Skid mounting
- Lifting eyes
- "Murphy" switch for engine
- Electric motor instead of diesel
- Surge breaks

* 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.

MODEL		C50 S	C50 SS	C70 S	C70 SS	C90 S H.V.	C90 S H.P.
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	1205 84	1469 102	896 62	1469 102
Horizontal Pumping Pressure	ft m	1425* 434*	2000* 610*	1000* 305*	1350* 411	1000* 305*	1350* 411*
Vertical Pumping Pressure	ft m	575* 175*	800* 244*	425* 130*	550* 168*	550* 168*	425* 130*
Cummins Diesel Engine	hp kW	160 119	220 164	160 119	220 164		220 164
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 ½" 38	1 ½" 38	1 ½" 38	1 ½" 38		1 ½" 38
Hopper Capacity <i>Standard</i>	ft ³ litres	12 340	12 340	N/A	N/A		N/A
Hopper Capacity <i>Harsh Mix</i>	ft ³ litres	N/A	N/A	14.5 410	14.5 410		14.5 410
Hopper Height <i>Standard</i>	in mm	44" 1118	44" 1118	N/A	N/A		N/A
Hopper Height <i>Harsh Mix</i>	in mm	N/A	N/A	47" 1194	47" 1194		47" 1194
Hydraulic Oil Capacity	gal Litres	60 227	60 227	60 227	60 227		60 227
Fuel Capacity	gal litres	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		L	W	H			
	in	184"	71"	83			
	mm	4674	1803	2108			
Weight (approx.) with oil & fuel	lbs kg	8260 3755	8260 3755	8600 3909	8600 3909		8750 3977