

## C-Series Concrete Pumps



- The rugged C-series pumps feature Rexroth “Closed-Loop” hydraulic systems, twin axles and twin-shift cylinders.
- A high-performance pump that excels even under the most extreme conditions.
- Very powerful pump 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.



## 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)
- Weatherproof NEMA 4 control panel
- Allows for self diagnosis on the LCD and simple adjustments.
- 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 2x3,182kg
- 3" splined shaft on heavy duty "S" tube
- Special high-pressure reinforced hopper
- Hopper grate
- Adjustable shifting force valve
- Stainless steel hopper splash guard
- Hard chromed concrete cylinders
- 42" stroke length Large fuel tank capacity with gauge
- High capacity hydraulic oil cooler
- Remote control with 15m cable
- Stroke Change (S-tube jog)
- Hour meter / tachometer
- Reversibility at any point in the stroke
- Safety emergency stop function



## 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
- Skid mounting

## Applications

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

\* Theoretical distances and performance are estimates. Actual performance will vary depending on the pump, material and delivery system. Maximum output, pressure, and distance cannot be reached simultaneously.





# CGS

EQUIPMENT

Quality mixing and pumping solutions  
for all things Concrete, Grout and Screed

MODEL		C50S	C50SS	C70S	C70SS	C90S H.V.	C90S H.P.
Concrete Output	yd <sup>3</sup> /hr	50	54	70	74	90	74
	m <sup>3</sup> /hr	38	41	54	56	69	56
Concrete Pressure	psi	1640	2000	1205	1469	896	1469
	Bar	114	138	84	102	62	102
Horizontal Pumping Pressure	ft	1425*	2000*	1000*	1350*	1000*	1350*
	m	434*	610*	305*	411	305*	411*
Vertical Pumping Pressure	ft	575*	800*	425*	550*	550*	425*
	m	175*	244*	130*	168*	168*	130*
Cummins Diesel Engine	hp	160	220	160	220	220	
	kW	119	164	119	164	164	
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 ½"	1 ½"	1 ½"	1 ½"	1 ½"	
	mm	38	38	38	38	38	
Hopper Capacity Standard	ft <sup>3</sup>	12	12	N/A	N/A	N/A	
	litres	340	340				
Hopper Capacity Harsh Mix	ft <sup>3</sup>	N/A	N/A	14.5	14.5	14.5	
	litres			410	410	410	
Hopper Height Standard	in	44"	44"	N/A	N/A	N/A	
	mm	1118	1118				
Hopper Height Harsh Mix	in	N/A	N/A	47"	47"	47"	
	mm			1194	1194	1194	
Hydraulic Oil Capacity	gal	60	60	60	60	60	
	Litres	227	227	227	227	227	
Fuel Capacity	gal	39	39	39	39	39	
	litres	148	148	148	148	148	
Outlet Size	in	5"	5"	5"	5"	5"	
	mm	127	127	127	127	127	
Dimensions	in	L 184"	W 71"	H 83			
	mm	4674	1803	2108			
Weight (approx.) with oil & fuel	lbs	8260	8260	8600	8600	8750	
	kg	3755	3755	3909	3909	3977	

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sales@cgsequipment.com.au



Ph: 1300 581 984



cgsequipment.com.au