

## C Series

### C Series Trailer Mounted Concrete Pumps



#### C Series:

**REED C Series** pumps feature “Closed-Loop” hydraulic systems, solid state cycle control, 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.

#### Standard Features:

- Closed-loop, over-center hydraulic system
- Deutz air-cooled, six cylinder Diesel Engine (electric motor is also available)
- Chromed concrete cylinders for long service life
- *REED* Solid State Black Box provides reliable technology for smooth, fast cycling. This eliminates the heat-generation of hydraulic cycling and the eventual failure of old-style conventional relays.
- Variable-volume control at remote control box
- Twin shift cylinders
- 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 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
- 6-function remote control (On/Off/Reverse/Volume Control/E-stop/Horn-reset)
- Hour meter/tachometer
- Reversibility at any point in the stroke
- Safety Emergency Stop Function
- 3" Diameter Splined shaft on "S" Valve
- Deutz 114 - 158 hp (85 - 118 kW) Diesel Engine
- Highest commonality of hydraulic hoses
- Hopper grate

### Optional Features:

- Hydraulically driven water wash-out pump
- Vibrator for hopper screen
- Chemical additive pump
- Stroke counter
- Skid mounting
- Radio remote control
- "Emergency" stroke change kit
- Lifting eyes
- "Murphy" switch for engine

Distributed By:

MODEL		C50HP	C50S	C50HPS	C70	C70HPS	C90	
								H.V. H.P.
Concrete Output	yd <sup>3</sup> /hr	50	50	54	70	74	90	74
	m <sup>3</sup> /hr	38	38	42	54	56	69	56
Concrete Pressure	psi	1531	1531	1867	1125	1371	1029	1371
	bar	106	106	129	72	95	71	95
Deutz Diesel Engine	hp	114	114	158	114	158		158
	kW	85	85	118	85	118		118
Concrete Cylinder Diameter	in	6"	6"	6"	7"	7"		7"
	mm	152	152	152	175	175		175
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"		1 1/2"
	mm	38	38	38	38	38		38
Hopper Capacity (Standard)	ft <sup>3</sup>	12	12	12	not avail.	not avail.		not avail.
	liters	340	340	340	not avail.	not avail.		not avail.
Hopper Capacity (Harsh-Mix)	ft <sup>3</sup>	not avail.	not avail.	not avail.	14.5	14.5		14.5
	liters	not avail.	not avail.	not avail.	410	410		410
Hopper Height (Standard)	in	44"	44"	44"	not avail.	not avail.		not avail.
	mm	1118	1118	1118	not avail.	not avail.		not avail.
Hopper Height (Harsh-Mix)	in	not avail.	not avail.	not avail.	47"	47"		47"
	mm	not avail.	not avail.	not avail.	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"		5"
	mm	127	127	127	127	127		127
Dimensions		Length	Width	Height				
	in	184"	71"	83"				
	m	4.67	1.8	2.10				
Weight (Approx.)	lbs	7240	7240	7460	7762	7762		7762
	kg	3284	3284	3384	3521	3521		3521

Maximum theoretical performance shown above. Maximum output and pressure cannot be reached simultaneously. Performance will vary depending on slump, mix design and pipeline diameter. Specifications subject to change without prior notice.



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