

## C Series

### C50HP/C50HPS/C70/C90 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:

- SAUER/Sundstrand 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" Splined shaft on "S" Valve
- Deutz 114 - 152 hp (85 - 113 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

MODEL		C50HP	C50HPS	C70	C90	
					H.V.	H.P.
Concrete Output	yd <sup>3</sup> /hr	50	54	70	90	74
	m <sup>3</sup> /hr	38	41	54	69	56
Concrete Pressure	psi	1531	1867	1125	1029	1425
	bar	106	129	72	71	98
Deutz Diesel Engine	hp	114	179	114	179	
	kW	85	134	85	134	
Main Hydraulic Pump	cc/rev	100	100	100	100	
Concrete Cylinder Diameter	in	6"	6"	7"	7"	
	mm	152	152	175	175	
Stroke Length	in	42"	42"	42"	42"	
	mm	1067	1067	1067	1067	
Maximum Aggregate Size	in	1½	1½	1½	1½	
	mm	38	38	38	38	
Hopper Capacity (Standard)	ft <sup>3</sup>	12	12	not avail.	not avail.	
	liters	340	340	not avail.	not avail.	
Hopper Capacity (Harsh-Mix)	ft <sup>3</sup>	not avail.	not avail.	14	14	
	liters	not avail.	not avail.	396	396	
Hopper Height (Standard)	in	44	44	not avail.	not avail.	
	mm	1118	1118	not avail.	not avail.	
Hopper Height (Harsh-Mix)	in	not avail.	not avail.	47	47	
	mm	not avail.	not avail.	1194	1194	
Hydraulic Oil Capacity	gal	60	60	60	60	
	liters	227	227	227	227	
Fuel Capacity	gal	39	39	39	39	
	liters	148	148	148	148	
Outlet Size	in	5	5	5	5	
	mm	127	127	127	127	
Dimensions			Length	Width	Height	
		in	184	71	83	
		m	4.67	1.8	2.10	
Weight (Approx.)	lbs	7240	7460	7700	7762	
	kg	3284	3384	3493	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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 13822 Oaks Avenue • Chino, California 91710-7008 USA • 909-287-2100  
 Fax: 909-287-2140 • Toll-free: 888-779-7333 • www.reedpumps.com