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*The Prime Source for Concrete & Construction Equipment.*



## B Series

### B20/B20HP/B50/B50HP/B50HPS/B60/B70/B70HPS Trailer Mounted Concrete Pumps



#### B Series:

Heavy-duty, Sturdy, Powerful Pumps featuring "Open-Loop" hydraulic systems and variable displacement hydraulic pumps.

All **B Series Pumps** now feature **Powerful Cummins Diesel Engines** that offer more torque, run at lower RPM's (quieter+longer life) and are more efficient than all competitors (110 or 130 hp (82 or 97 kW)).

REED pumps use large, high flow hydraulic pumps for the best performance and pump life.

The simple design of the **B Series pumps** makes them extremely easy to trouble-shoot and service.

A variety of output and pressure ranges makes the **B Series** top performers for a variety of applications.

#### Standard Features:

- **Inexpensive Polyurethane Piston Cups (vs. expensive rubber pistons)**
- Heavy-duty "S" Valve for quick, smooth, wear-free pumping
- Low hopper height allows for easy cleanout and loading
- Chromed concrete cylinders for long service life
- Highest-strength frame design (most reinforced frame, hopper and pumping train in the industry)
- Integrated toolbox by towing hitch
- Highest commonality of hydraulic hoses

#### Common Applications:

- **Shotcrete**
- **Vertical Pumping**
- **Foundations/Flatwork**
- **Pool Construction**
- **Refractory Spraying**
- **Slabs & Footers**
- **Grouting**
- **Rockscaping**
- **Mine & Tunnel Support**
- **Lightweight and Foamed**
- **Geotechnical Support**

# B Series

## B20/B20HP/B50/B50HP/B50HPS/B60/B70/B70HPS Trailer Mounted Concrete Pumps

### Additional Features:

- Super heavy-duty steel frame
- Reversibility at any point in the stroke
- Fully-variable volume output
- 9000 lb (4083 kg) highway rated axle (all but B20 and B20HP Model)
- Electric brakes
- 2 heavy-duty outriggers
- Adjustable pintle hitch (2-5/16" ball hitch is optional)
- Forged steel pistons with urethane cups
- Hard chromed concrete cylinders
- Hour meter/tachometer / stroke counter
- Highest standard concrete pressures in class
- Wide stance for easy towing
- Harsh-Mix Hopper (B70 & B70HPS only)

### Optional Features:

- Radio remote control (On/Off/Reverse/E-stop/Horn-reset / Engine RPM/Volume Control)
- 5-function cable remote control
- Hydraulic outriggers
- Hopper agitator (auger std on B70/B70HPS)
- Dual shift cylinders (Standard on B50HPS/B70/B70HPS)
- Vibrator for hopper screen
- Aluminum wheels
- Hydraulic surge brakes
- Chemical additive pump
- Stroke counter on remote control
- Skid mounting
- Electric motor (50, 75, 100hp available)
- Lifting-eye kit
- Auto Lube or Centralized Lube Block
- Hopper extension (increase cap. to 16cf)
- Carbide Wear Parts
- Hydraulically driven water wash-out pump
- Custom Paint
- Tier 4 Diesel

MODEL		B20	B20HP	B50	B50HP	B50HPS	B60	B70	B70HPS
Concrete Output	yd <sup>3</sup> /hr	20	20	50	50	50	60	70	70
	m <sup>3</sup> /hr	15	15	38	38	38	46	54	54
Concrete Pressure	psi	1664	2113	1361	1361	1778	1174	1000	1305
	bar	115	145	94	94	122	81	69	90
Horizontal Pumping Distance *	ft	1650*	2200*	1200*	1200*	1570*	950*	750*	1150*
	m	503*	670*	365*	365	475*	290*	228*	350*
Vertical Pumping Distance *	ft	700*	875*	450*	450*	590*	375*	300*	390*
	m	213*	267*	137*	137*	180*	114*	91*	119*
Cummins Diesel Engine	hp	110	110	110	130	130	110	130	130
	kW	82	82	82	97	97	82	97	97
Main Hydraulic Pump	cc/rev	71	100	140	140	180	140	140	180
Concrete Cylinder Diameter	in	4"	4"	6"	6"	6"	6"	7"	7"
	mm	102	102	152	152	152	152	178	178
Stroke Length	in	36"	36"	36"	36"	42"	36"	36"	42"
	mm	914	914	914	914	1067	914	914	1067
Maximum Aggregate Size	in	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	mm	19	19	38	38	38	38	38	38
Hopper Capacity	ft <sup>3</sup>	10	10	12	12	12	12	14*	14*
	(Standard / Harsh Mix*) Hopper ltrs	283	283	340	340	340	340	400*	400*
Hopper Height	in	42	42	42	42	45	42	45*	45*
	(Standard / Harsh Mix*) Hopper mm	1067	1067	1067	1067	1143	1067	1143*	1143*
Hydraulic Oil Capacity	gal	52	52	52	52	52	52	52	52
	ltrs	197	197	197	197	197	197	197	197
Fuel Capacity	gal	24	24	24	24	24	24	24	24
	liters	91	91	91	91	91	91	91	91
Outlet Size	in	4	4	5	5	5	5	5	5
	mm	102	102	127	127	127	127	127	127
Dimensions (Approx.)				Length		Width		Height	
				in	170	74	83		
				mm	4318	1879	2108		
Weight (Approx.)	lbs	5980	5980	6580	6580	6875	6750	6980	7125
	kg	2718	2718	2991	2991	3119	3063	3173	3230

\* 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.



REED can truck mount, track mount- or skid mount - any concrete pump.



Optional Lift Mixer Attachment

