REED

B Series

Heavy-Duty Concrete & Shotcrete Pumps - T4

B Series:

POWERFUL Pumps with extremely large capacity main hydraulic pumps and diesel engines.

REED's Cummins Diesel Engines offer the highest amount of displacement in their class (4.5 Liters). This means REED B Series Pumps offer more torque, run at lower RPM's (1750), and are quieter, longer lasting, and consume less fuel (B20 model comes with an 82hp Perkins)

REED pumps use the largest capacity main hydraulic pumps in their class, so they can handle even toughest mixes and longest pushes with ease.

B Series frames, axles, and pumping flatpacks are HEAVILY reinforced, so they are solid even when pushing hard.

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

Standard Features:

- Cummins Diesel - 4.5 Liter (except B20)
- High-Capacity Main Hydraulic Pumps
- ZERO reduction between material cylinders and the S-Tube means no binding and excellent material feeding
- Highest-strength frame in class
- Heavy-Duty Dual 7000 lb axles (7000 lb standard on B20 & B20HP)
- REED B Series Pumps uses only the very BEST Components available
- Longest-Lasting Wear Parts in the industry (Optional Carbide Parts)
- B Series Pumps are well known for their extreme reliability
- Low hopper height allows for easy cleanout and concrete loading
- Chromed concrete cylinders for long service life

Common Applications:

- Big-Rock Concrete
- Shotcrete
- Geotechnical Applications
- Refractory Spraying
- Slabs & Footers
- Grouting & Void Filling
- Capping Wells
- Mine & Tunnel Support
- Vertical Pumping
- Structural Walls
- Shoring

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Additional Features:

- Electronic Control Overrides
- Dual Shifting Cylinders Standard (optional on B20 model)
- Electric brakes (hydraulic surge available)
- Wide towing stance, low center of gravity
- Heavy-duty outriggers (hydraulic outriggers are optional)
- Adjustable pintle/lunette eye coupler (2-5/16" ball hitch optional)
- Forged steel pistons with urethane piston cups
- Hard chromed concrete cylinders
- Wide towing stance, low center of gravity

Optional Features:

- Radio Remote Control (On/Off/Reverse/E-stop/Horn-reset / Engine RPM)
- Volume Control on Remote
- Cable Remote Control
- Hydraulic Outriggers
- Hopper Agitator (auger comes std on B70/B70HPS)
- Vibrator (Electric)
- Aluminum Wheels
- Dual Axles (Standard on Tier 4 Pumps)
- Carbide Wear Parts
- Chemical Additive Pump (Synchronized)
- Custom Mounting (truck, skid, track)
- Electric Motor (50, 75, 100, 125hp avail.)
- Lifting-eye Kit
- Automatic Lubrication
- Centralized Lube Block
- Hopper Extension (increase cap. to 16cf) B20HP
- Hydraulically Driven Water Wash-out Pump
- Custom Paint
- Contact Factory for Additional Options

MODEL		B20	B20HP	B50HP	B50HPS	B60HP	B70	B70HPS
Concrete Output	yd^3/hr	20	20	50	50	60	70	70
	m^3/hr	15	15	38	38	46	54	54
Concrete Pressure	psi	1664	2113	1361	1778	1174	1000	1305
	bar	115	145	94	122	81	69	90
Horizontal Pumping Distance *	ft	1650*	2200*	1200*	1570*	950*	750*	1150*
	m	503*	670*	365*	475*	290*	228*	350*
Vertical Pumping Distance *	ft	700*	875*	450*	590*	375*	300*	390*
	m	213*	267*	137*	180*	114*	69*	90*
Cummins Diesel Engine T4 (4.5L) (Perkins on B20)	hp	74	130	130	130	130	130	130
	kW	55	97	97	97	97	97	97
Main Hydraulic Pump*	cc/rev	71	100	140	180	140	140	180
Concrete Cylinder Diameter	in	4"	4"	6"	6"	6"	7"	7"
	mm	102	102	152	152	152	178	178
Stroke Length	in	36"	36"	36"	42"	36"	36"	42"
	mm	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"
	mm	19	19	38	38	38	38	38
Hopper Capacity (Standard / Harsh Mix*) Hopper	ft^3	10	10	12	12	12	14*	14*
	ltrs	283	283	340	340	340	400*	400*
Hopper Height (Standard / Harsh Mix*) Hopper	in	42	42	42	45	42	45*	45*
	mm	1067	1067	1067	1143	1067	1143*	1143*
Hydraulic Oil Capacity	gal	60	60	60	60	60	60	60
	ltrs	227	227	227	227	227	227	227
Fuel Capacity	gal	32	32	32	32	32	32	32
	ltrs	121	121	121	121	121	121	121
Outlet Size	in	4	4	5	5	5	5	5
	mm	102	102	127	127	127	127	127
Weight (Approx.) (subj to options)	lbs	6675	7690	8290	8500	8290	8690	8835
	kg	3028	3485	3760	3855	3760	3942	4007

Dimensions (Approx.) (B20&B20HP models are 16" shorter)		Length	Width	Height
	in	184	74	94
	mm	4674	1879	2388

* 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 , track or skid mount any model concrete pump.

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