

B Series

B20/B50/B60/B70 Trailer Mounted Concrete Pumps



B Series:

These rugged pumps feature “Open-Loop” hydraulic systems, larger hydraulic tanks, Solid State Cycle Control, larger fuel tanks and hydraulic manifolds to eliminate many hydraulic lines. All **B Series** pumps are powered by the liquid-cooled, turbocharged, 98 to 100 hp (73 to 75 kW) Deutz BF4M2012 Diesel Engine.

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

Superior engineering, top quality components and pride in workmanship make the **B Series** pumps extremely dependable.

A variety of output and pressure ranges makes the **B Series** pumps top performers for any application.

Standard Features:

- Rexroth Hydromatik variable displacement piston pumps
- High performance Deutz liquid-cooled, 4-cylinder Diesel Engine (electric motor is also available)
- Adjustable shifting force valve
- Heavy-duty “S” Valve
- **REED** solid state “Black Box” to control pump cycling (no moving parts)
- Chromed concrete cylinders for long service life
- High-strength frame design (sturdiest frame in industry)
- Integrated toolbox
- Highest commonality of hydraulic hoses

Applications:

- **Shotcrete**
- **Concrete Pumping**
- **Pressure Grouting**
- **Foundations**
- **Slope Stabilization**
- **Pools**
- **Refractory Materials**
- **Slabs**
- **Rockscaping**
- **Mines**
- **Backfill**
- **Flowable fill**

B Series

B20/B50/B60/B70 Trailer Mounted Concrete Pumps

Additional Features:

- Super heavy-duty steel frame
- Weatherproof NEMA 4 control panel
- Reversibility at any point in the stroke
- High capacity hydraulic oil cooler
- Fully-variable volume output
- 9000 lb (4083 kg) highway rated axle
- Electric brakes
- Fenders and flush-mounted tail-lights
- 2 heavy-duty outriggers
- Adjustable pintle hitch
- Hopper grate
- Automatic pressure release at shutdown
- Forged steel pistons with urethane cups
- Hard chromed concrete cylinders
- Hour meter/tachometer
- Emergency stop button
- Splined shaft on "S" Valve (B50, B60 and B70)
- 5-function remote control (On/Off/Reverse/E-stop/Horn-reset)
- Dual hydraulic circuit
- Highest standard concrete pressure in class
- New wider stance
- Harsh-Mix Hopper (B70 only)

Optional Features:

- Hydraulic outriggers
- Hydraulically driven water wash-out pump
- Hopper agitator
- Chrome wheels
- Hydraulic surge brakes
- Vibrator for hopper screen
- Chemical additive pump
- Stroke counter
- Skid mounting
- Electric motor
- Radio remote control
- Dual shift cylinders (Standard on B70)
- Lifting-eye kit
- "Emergency" stroke change kit

MODEL		B20	B50	B60	B70
Concrete Output	yd ³ /hr	20	50	60	70
	m ³ /hr	15	38	46	54
Concrete Pressure	psi	1664	1361	1174	1000
	bar	114	94	81	69
Deutz Diesel Engine	hp	100	98	98	98
	kW	75	73	73	73
Main Hydraulic Pump	cc/rev	45	100	100	100
Concrete Cylinder Diameter	in	4"	6"	6"	7"
	mm	102	152	152	178
Stroke Length	in	36"	36"	36"	36"
	mm	914	914	914	914
Maximum Aggregate Size	in	¾	1½	1½	1½
	mm	19	38	38	38
Hopper Capacity (Standard / Harsh Mix*) Hopper	ft ³	10	12	12	14*
	liters	283	340	340	400*
Hopper Height (Standard / Harsh Mix*) Hopper	in	42	42	42	45*
	mm	1067	1067	1067	1143*
Hydraulic Oil Capacity	gal	52	52	52	52
	liters	197	197	197	197
Fuel Capacity	gal	24	24	24	24
	liters	91	91	91	91
Outlet Size	in	4	5	5	5
	mm	102	127	127	127
Dimensions		Length	Width	Height	
	in	168	64	79	
	mm	4267	1626	2007	
Weight (Approx.)	lbs	5300	5750	5750	6200
	kg	2410	2614	2614	2820

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.



REED ALSO OFFERS
TRUCK MOUNTED
CONCRETE PUMPS.



Distributed By:

REED • A Member of the Shea Family of Companies
13822 Oaks Avenue • Chino, California 91710-7008 USA • 909-287-2100
Fax: 909-287-2140 • Toll-free: 888-779-7333 • www.reedpumps.com