B Series Trailer Mounted Concrete Pumps
B20/B20HP/B50/B50HP/B60/B70A

• These rugged pumps feature “Open Loop” hydraulic systems and variable displacement hydraulic pumps.
• All B Series Pumps now feature Cummins Diesel Engines that are more powerful (more torque), quieter and more efficient (lower RPMs) and EPA Tier 3 approval – 110 or 130hp (82 or 97kW).
• The simple design of the B Series pumps makes them easy to trouble-shoot and service.
• A variety of output and pressure ranges makes the B Series top performers for any application.

STANDARD FEATURES
• REED PLC (Programmable Logic Controller)
• Allows for self diagnosis on the LCD, simple adjustments, and future enhancements
• Variable-volume and R.P.M. control at remote control box
• Adjustable shifting force valve
• Heavy-duty “S” valve
• 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 Stabilisation
• Pools
• Refractory Materials
• Slabs
• Rockscaping
• Mines
• Backfill
• Flowable Fill

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www.antec.com.au
B Series Trailer Mounted Concrete Pumps
B20/B20HP/B50/B50HP/B60/B70A

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
- 9000lb (4083kg) highway rated axle (all but B20 Model)
- 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
- 5-function cable remote control
- Dual hydraulic circuit
- Highest standard concrete pressure in class
- Wide stance
- Harsh-Mix Hopper (B70 only)

OPTIONAL FEATURES

- Radio remote control (On/Off)
- Reverse/E-stop/Horn reset/Engine RPM)
- Hydraulic outriggers
- Hopper agitator
- Dual shift cylinders (Standard on B70)
- Vibrator for hopper screen
- Aluminium wheels
- Hydraulic surge brakes
- Chemical additive pump
- Stroke counter
- Skid mounting
- Electric motor
- Lifting-eye kit
- “Emergency” stroke change kit
- Hopper extension (increase cap. To 16cf)
- Carbide Wear Parts
- Hydraulically driven water washout pump

<table>
<thead>
<tr>
<th>MODEL</th>
<th>B20</th>
<th>B20 HP</th>
<th>B50</th>
<th>B50 HP</th>
<th>B60</th>
<th>B70</th>
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</thead>
<tbody>
<tr>
<td>Concrete Output</td>
<td>yd³/hr</td>
<td>m³/hr</td>
<td>20</td>
<td>15</td>
<td>20</td>
<td>15</td>
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<tr>
<td>Concrete Pressure</td>
<td>psi</td>
<td>Bar</td>
<td>1664</td>
<td>115</td>
<td>2113</td>
<td>145</td>
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<tr>
<td>Horizontal Pumping Pressure</td>
<td>ft</td>
<td>m</td>
<td>1650°</td>
<td>503</td>
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<td>Vertical Pumping Pressure</td>
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<td>m</td>
<td>700°</td>
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<td>875°</td>
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<tr>
<td>Cummins Diesel Engine</td>
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<td>kW</td>
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<td>Main Hydraulic Pump</td>
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<td>100</td>
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<td>Concrete Cylinder Diameter</td>
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<td>mm</td>
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<tr>
<td>Stroke Length</td>
<td>in</td>
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<td>914</td>
<td>36&quot;</td>
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<td>Maximum Aggregate Size</td>
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<td>%&quot;</td>
<td>%&quot;</td>
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<tr>
<td>Hopper Capacity</td>
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</table>

* 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.

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