



B20X

B20 Concrete/Shotcrete Pump with Detachable Hydraulic Mixer



B20X:

This rugged pump features an "Open-Loop" hydraulic system and a variable displacement hydraulic pump.

The B20X is powered by a Cummins Diesel Engine that is Powerful, quiet, and efficient (110 hp (82 W) . (EPA Tier 3 approval).

The removable hydraulic lift mixer is powered by the same hydraulic system as the pump. Quick disconnects and pin connectors make it easy to remove when not in use.

The simple design of the B20X makes it easy to trouble-shoot and service.

The B20X is a top performer 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 Stabilization
- Pools
- Refractory Materials
- Slabs
- Rockscaping
- Mines
- Backfill
- Flowable fill

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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
- 5-function cable remote control
- Dual hydraulic circuit
- Highest standard concrete pressure in class
- Wide stance

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
- Aluminum wheels
- Hydraulic surge brakes
- Chemical additive pump
- Stroke counter
- Skid mounting
- Electric motor
- Lifting-eye kit
- Hydraulically driven water wash-out pump

MODEL	B20 X	
Concrete Output	yd ³ /hr	20
	m ³ /hr	15
Concrete Pressure	psi	1664
	bar	115
Horizontal Pumping Distance *	ft	1650*
	m	503*
Vertical Pumping Distance *	ft	700*
	m	213*
Cummins Diesel Engine (Tier 3 Approved)	hp	110
	kW	82
Main Hydraulic Pump	cc/rev	71
Concrete Cylinder Diameter	in	4"
	mm	102
Stroke Length	in	36"
	mm	914
Maximum Aggregate Size	in	3/4"
	mm	19
Hopper Capacity	ft ³	10
	liters	283
Lift Mixer Capacity	ft ³	10
	liters	283
Hopper Height	in	42
	mm	1067
Hydraulic Oil Capacity	gal	52
	liters	197
Fuel Capacity	gal	24
	liters	91
Outlet Size	in	4
	mm	102
Weight (Approx.)	lbs	7500
	kg	3402

* 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.

Quick Disconnects and a simple Pin System for easy removal



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