

PT Series

PT50/PT70/PT110 Truck Mounted Concrete Pumps



PT Series:

T Series truck mounted concrete pumps are Power-take-off (PTO) powered from truck engine.

PT Series pumps are preferred for the most difficult to access job-sites.

These rugged pumps feature "Closed-Loop" hydraulic systems.

The simple, clean design of the PT Series pumps makes them easy to operate and service.

PT Series pumps can be mounted on a wide variety of readily available truck chassis

Standard Features:

- Rexroth Hydromatik variable displacement piston pump (A4VG125)
- Heavy-duty "S" Valve
- Chromed concrete cylinders for long service life
- Tool Box, and Stake Side Bed
- Full length side decks
- High capacity hydraulic oil cooler
- 5-function remote control with 50' (15m) cable
- Fully enclosed weather-proof control panel
- 2 color paint scheme
- Engine toe kicks

Applications:

- Concrete Pumping
- Shotcrete
- Pressure Grouting
- Slope Stabilization
- Pools
- Foundations

Advantages:

- Better Jobsite Maneuverability
- Fully Self-Contained Unit
- Non-CDL level truck.
- Long Life, Heavy-Duty Truck Chassis

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Additional Features:

- Reversibility at any point in the stroke
- High capacity hydraulic oil cooler
- Fully-variable volume output
- Hopper grate
- Automatic pressure release at shutdown
- Forged steel pistons with guide bands and urethane cups
- Hard chromed concrete cylinders
- Hour meter/tachometer
- Emergency stop button
- Dual hydraulic circuit with accumulator

Optional Features:

- Hinged side panels
- Additional tool box
- 3 color custom paint
- High pressure water pump (6.7gpm, 150psi)
- Pipe Rack
- Water tanks (2 tanks, 75 gal each) (larger tanks also avail)
- Radio remote control
- Auto lube
- Air compressor (Sullivan, 210 cfm)
- Additional options also available

MODEL		PT50	PT90	PT110
Concrete Output	yd ³ /hr	50	90 (HV) 70 (HP)	110
	m ³ /hr	38	69 (HV) 57 (HP)	85
Concrete Pressure	psi	1867	1029 (HV) 1371 (HP)	1108
	bar	129	71 (HV) 95 (HP)	77
Concrete Cylinder Diameter	in	6"	7"	8"
	mm	152	178	203
Stroke Length	in	42"	42"	55"
	mm	1067	1067	1397
Maximum Aggregate Size	in	1½	1½	1½
	mm	38	38	38
Hopper (w/capacity)		High Pressure w/agitator	Harsh Mix w/remixer	Harsh Mix w/remixer
	gal	12	14	21
	liters	340	400	600
S-tube	in	6" x 5"	7" x 5"	8" x 5"
	mm	152 x 127	178 x 127	178 x 127

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.

Minimum Required Truck Specifications: (conventional or cab over)

- Horsepower Min 190 HP
- Vertical Exhaust.
- Rear axle and springs: 17,000 lbs
- Front axle and springs: 8,000 lbs
- Cab to axle dimension: 10ft
- Total fuel capacity (in combination with aux. fuel tanks of truck alone): 100 gal
- Air brakes required
- Rear wheels must be capable of being locked out indep. from Drive Shaft



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