

SCHWING
AMERICA INC.

BPL 1418
BPL 2000
BPL 4000

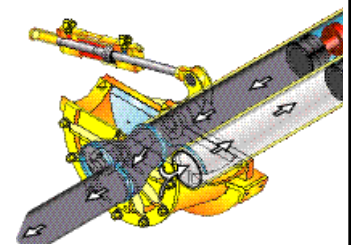
Truck Mounted Concrete Pump



Unit shown with optional overhead pipe rack and side mounted clamp basket.



The Rock Valve™



Choose the BPL as your first concrete pump or as a valuable addition to a fleet. Big pump performance with real versatility describes this truck-mounted unit that combines compact maneuverability with the ability to provide continuous high volume output on big pours. A full range of options tailors a BPL to your specific needs. Choose

from a wide range of pump kits with outputs to 209 yards per hour or add a pipe rack, radio remote and auto greasing for maximum productivity. Choose the versatility of the BPL's for high volume, high rise construction through a pipeline system or separate placing boom.



The revolutionary Rock Valve™ ▲ pumps everything from the harshest mixes to grout. Its unique design equalizes all forces in the valve, pumping concrete against the concrete, greatly reducing valve wear, while providing extraordinary sealing efficiency to prevent bleeding of fines. Valve cutting ring can be easily rotated 90 degrees for extended life.

By powering the pump with the truck engine, true economy is realized in the original purchase price. Medium duty truck-mounting further reduces capital outlay guaranteeing a fast return on your investment. And the Schwing Rock Valve coupled to the proven twin-cylinder all-hydraulic pump kit means years of trouble-free profitability



Standard Rock Valve™ equipped BPL 1418 handles the majority of pours with mixes up to 1-1/2-inch aggregate.

Higher capacity BPL 2000 and BPL 4000 are equipped with the Heavy Duty Rock Valve™ for higher output and up to 2-1/2-inch aggregate mixes.



with the lowest cost per yard operating costs in the industry. Most important is the confidence you feel owning a Made-in-America product backed by the most extensive dealer network in North America. Only Schwing offers the support of a 24 hours, six days a week parts and service department which is unequalled in the industry.



Side boards drop down for easy access to pipe and hose. Optional removable pipe racks (not shown) available for movement of pipe in bulk on site.

Pump Kits on BPL	BPL 1418-2.5	BPL 2000: 900 HDR*		BPL 4000: 1200 HDR*			2023-4*	2023-5*
Theor. Concrete Output (cu./yds/hr)	95	117	95	113	128	147	170	209
Max. Pressure on Concrete (psi)	943	870	1074	870	1003	1142	1007	1007
Max. Horizontal Pumping Distance (ft.)	977	950	1709	950	1100	1200	2400	2400
Max. Vertical Pumping Distance (ft.)	285	260	450	260	300	340	853	853
Max. Strokes/Min.	34	30	29	30	26	23	26	32
Type of Valve	"Rock"	"Rock"		"Rock"			"Rock"	"Rock"
Pump Cylinder Diameter (in.)	7	8	7	8			9	9
Differential Cylinder Diameter (in.)	3.14	4.7	4.7	4.7	4.9	5.1	5.1	5.1
Pump Cylinder Stroke Length (in.)	55	63		79			79	79
Max. Aggregate Size (in.)	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Diameter of Discharge (in.)	5	8	7	8	8	8	9	9
Capacity of Concrete Receiving Hopper (cu.ft)	10.5	13.1		13.1			13.1	13.1
Charging Height of Receiving Hopper (in.)	55	54		54			54	54

Dimensions and Unit Weights*	BPL 1418-2.5	BPL 2000	BPL 4000
Water Tank Capacity	200 gal.	200 gal.	200 gal.
Maximum Height	10 ft.	10 ft.	10 ft.
Maximum Length	29 ft. - 6 in.	27 ft. - 10 in.	27 ft. - 10 in.
Maximum Width	8 ft.	8 ft. - 1 in.	8 ft. - 3 in.
Front Axle Weight	9,860 lbs.	9,990 lbs.	10,030 lbs.
Rear Axle Weight	12,280 lbs.	14,600 lbs.	15,150 lbs.
Total Weight	21,000 lbs.	23,720 lbs.	25,180 lbs.



Note: Pumping distances shown are to be used as a guide only. Maximum attainable distances and maximum aggregate size are independent on mix design and pipeline diameter, Maximum Output and Distance cannot be reached simultaneously. All specifications are subject to change without notice.

* Values apply to units mounted on a GMC T-Truck Model and may vary slightly for other makes or models.

+ These pump kits can be switched to high pressure setting for significantly higher placing distances.

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