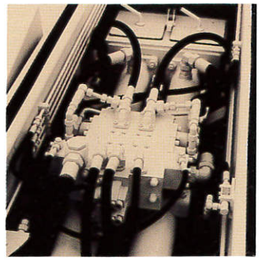
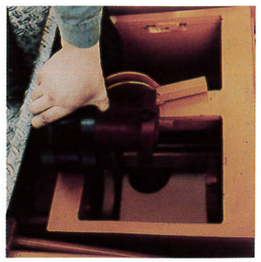
SCHWING
AMERICA INC.

Truck mounted concrete pump with placing boom 1200 HDR KVM 42

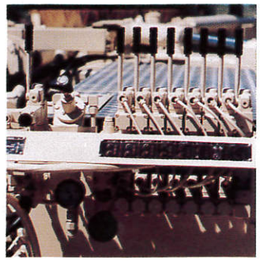
The features you need for reliable concrete pumping with confidence at up to 196 cubic yards per hour



Hydraulic control block is the proven Schwing design providing millions of hours of service. This simple foolproof unit switches hydraulic flow without troublesome electronic devices.

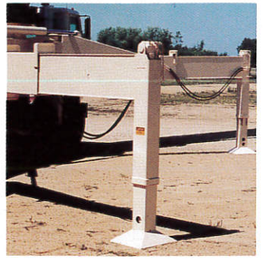


Completely sealed waterbox for flushing cylinders features easy access for inspecting and changing pumping rams.

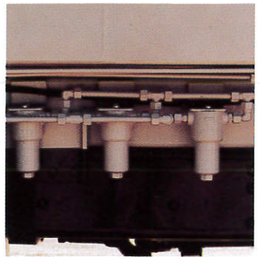


Controls for boom and pump are conveniently located for easy operator access on the pump's wide deck.

Unsurpassed reliability is based on Schwing-designed hydraulic system and Hydromatik hydraulic pump. Auxiliary pumps provide hydraulic pressure for agitator, water pump, boom, outriggers and optional air compressor.



Fully hydraulic outriggers for fast and simple set-up and excellent stability in all boom positions. Outrigger controls are located on opposite sides of the unit. Operators can observe outrigger extension during set-up.



Easy access hydraulic filters screen down to 10 microns to protect system from contaminants.

Discharge pipe swings away for fast, effective cleaning of the Rock Valve and housing. Convenient hinged clean-out doors are also incorporated.

New 3-piece cutting ring design cuts cost for Rock Valve wear parts replacement. High quality tool steel assures long wear life.

Convert your Schwing from boom pump to line pump with the addition of a simple 90-degree outlet. This allows full utilization of the pump for high-pressure, long distance placements.

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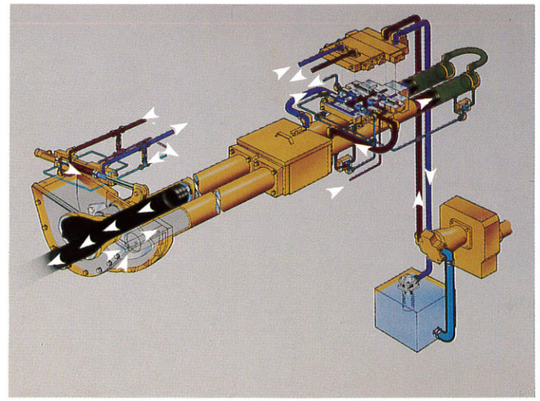
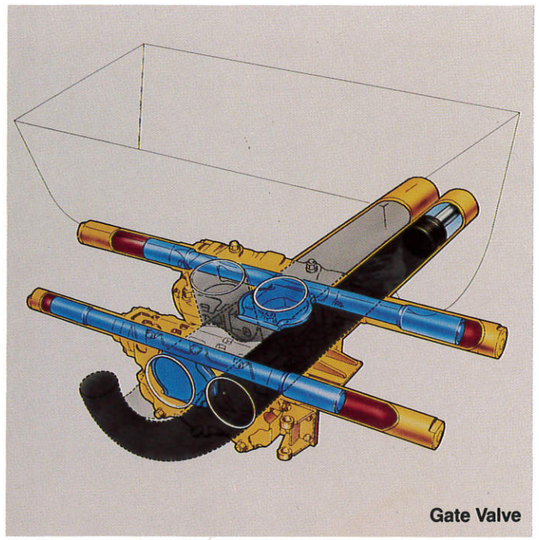
The BPL 1200 HDR is equipped with a hydraulic system which can be changed to provide greater volume of concrete or greater vertical and/or horizontal pumping distances. Hydraulic pressure is applied to the rod side of the cylinder piston head for greater volume or to the face of the piston head (high pressure side) for greater distance. This feature is only available on Rock Valve equipped units used for line pumping.

The ever popular and highly successful Gate Valve continues to be offered for specific applications and customer preference.

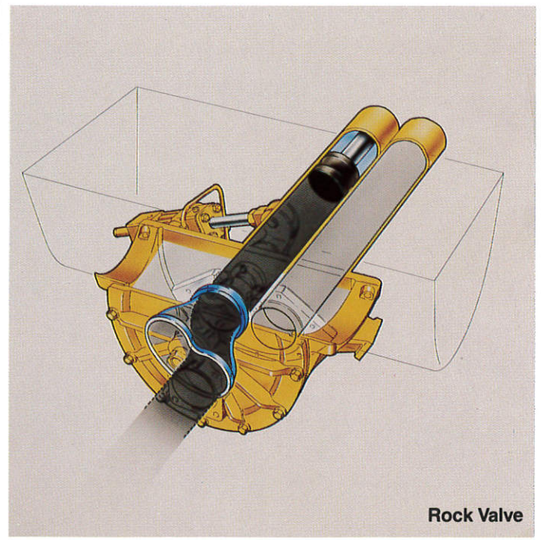


The twin-cylinder reciprocating pump pulls concrete from the hopper on the return stroke and pushes it into the pipeline on the forward stroke. The twin pistons alternate with long, slow stroking action to maintain a near constant pressure on the concrete. Cylinders can be switched end to end to extend wear life.

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.



Gate Valve



Rock Valve

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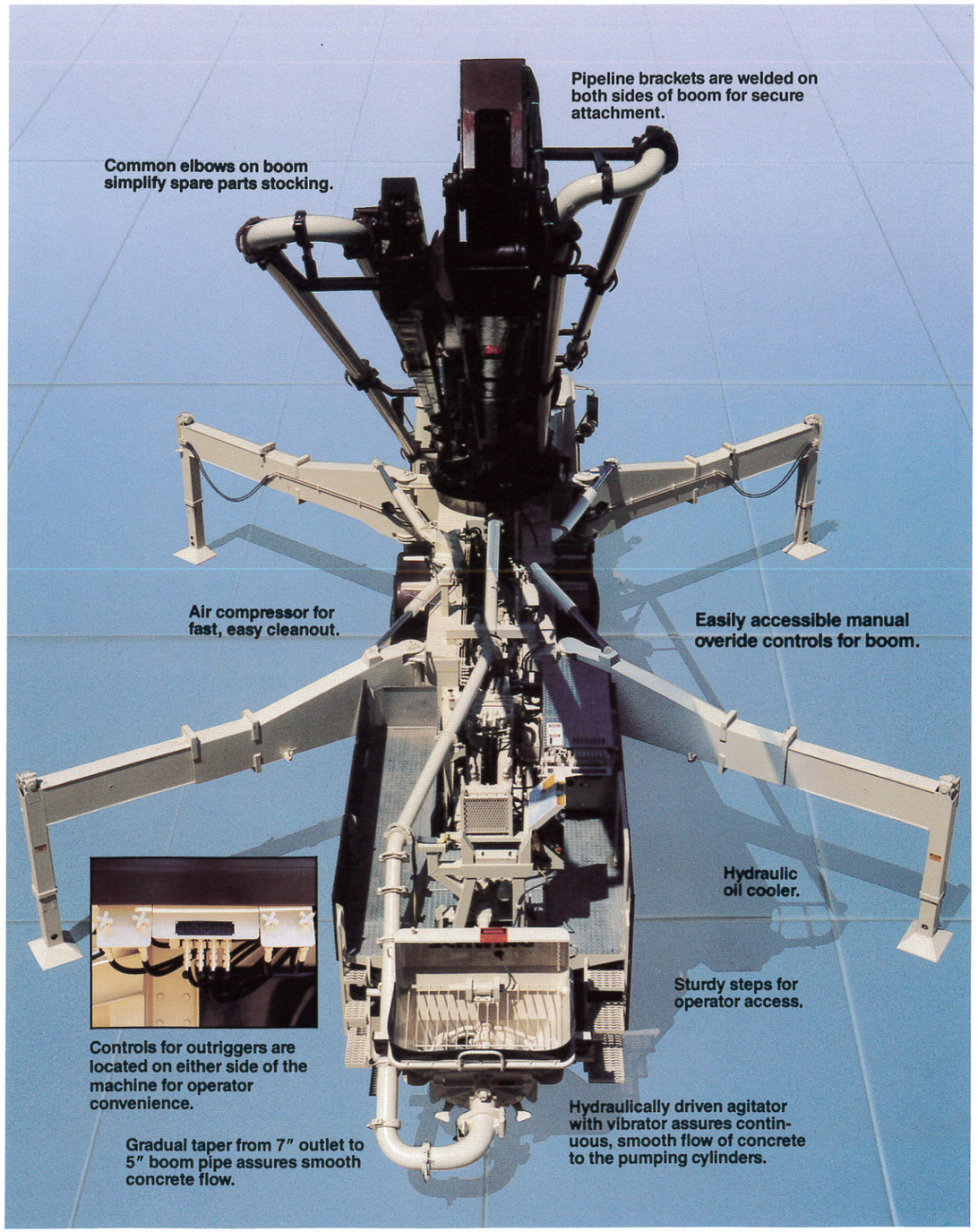
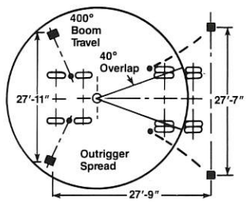


Here's the most successful long boom in America for highrise, flatwork and bridges

Design

Schwing's fully articulating Roll and Fold boom allows concrete placement to all points with the slewing radius. Place straight out, straight up or downward and to all points between without dead spots or restricted positions.

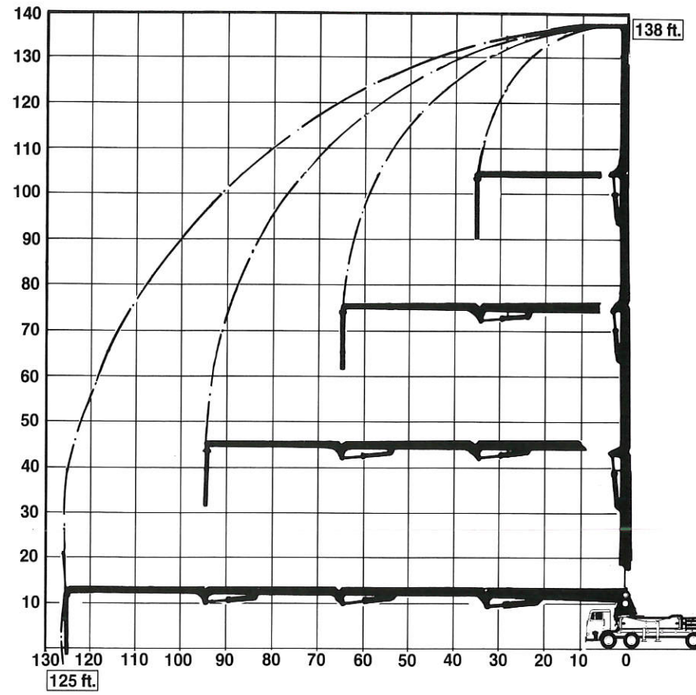
Wireless remote control allows up to five boom functions to be performed simultaneously. Unit can also be operated with 100-foot cable included with control box.



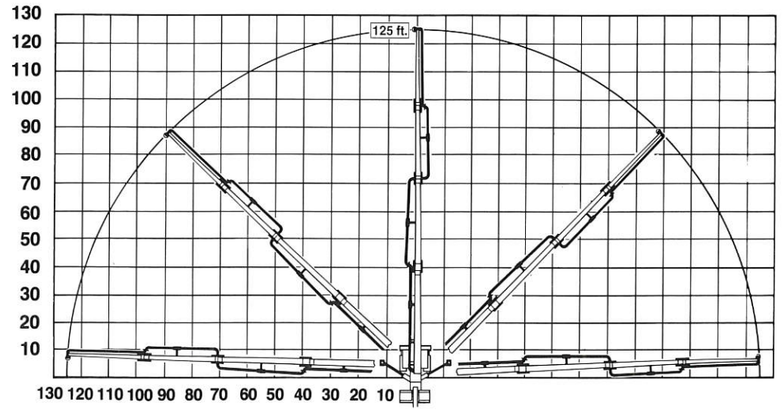
Maximum stability in the smallest space is provided by the outriggers.

Schwing 42-meter boom reaches a full 125-feet horizontally for maximum coverage of flatwork and slabs.

Vertical Reach



Horizontal Reach



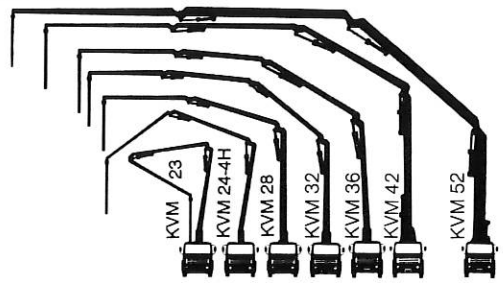
Technical Data

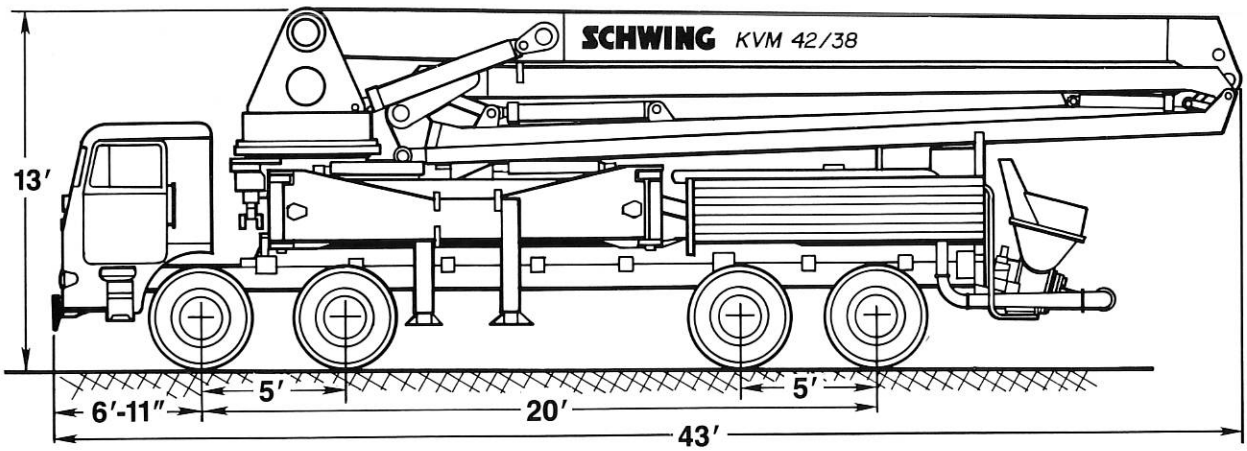
Concrete pump		1200 HDR	
Theoretical Concrete Output, Hourly	Rod Side Piston Side	171 CY 104 CY	(130 m³/h) (80 m³/h)
Max. Pressure on Concrete	Rod Side Piston Side	640 PSI 1165 PSI	(52 bar) (96 bar)
Max. Horizontal Pumping Distance	Rod Side Piston Side	1000-Ft. 1700-Ft.	(259 m) (427 m)
Max. Vertical Pumping Distance	Rod Side Piston Side	260-Ft. 480-Ft.	(70 m) (119 m)
Max. Strokes/Min.	Rod Side Piston Side	30 17	(26 m) (16 m)
Pump Cylinder Diameter		9	(230 mm)
Pump Cylinder Stroke Length		79-in.	(2000 mm)
Max. Aggregate Size		2.5-in.	(65 mm)
Min. Concrete Slump		0-in.	0-in.

Placing boom		KVM 42
Pipeline diameter (inches)		5
Vertical reach (feet)		138
Horizontal reach (feet) from slewing axis		125
Reach from front of truck (feet)		115
Section Lengths	First Section	33'10"
	Second Section	30'4"
	Third Section	30'4"
	Fourth Section	30'4"
Slewing Range (degrees)		400°
End hose length (feet)		12.5

Specifications are subject to change without prior notice.

FULL LINE





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