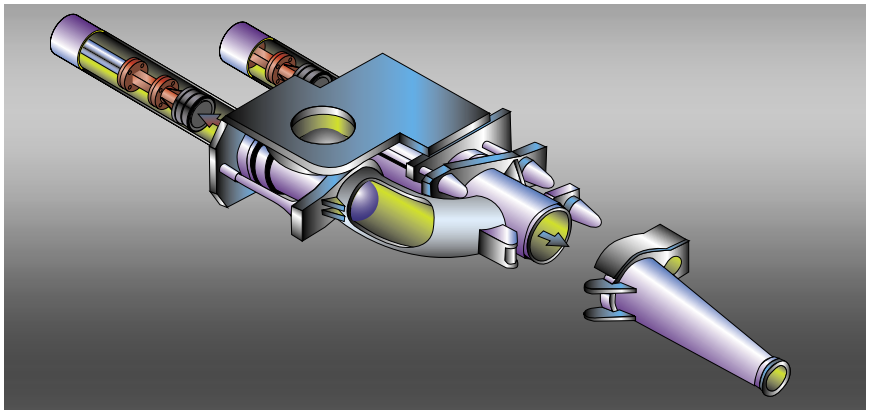
SP 88

Trailer-Mounted
Concrete Pump

SCHWING

A MECHANICAL BALL VALVE PUMP THE SCHWING WAY

- Output to 25 cu.yds./hr.
- .5” Max. Aggregate



The ball valve features a dual cylinder design with steel balls for regulating concrete flow. A primary cylinder fills from the hopper on the intake stroke and supplies concrete to the discharge manifold on the output stroke. A compensating cylinder keeps discharge smooth.

Convenient control panel includes electric switches for on/off. Hour meter is also located here along with E-stop, fuse panel and ignition switch.

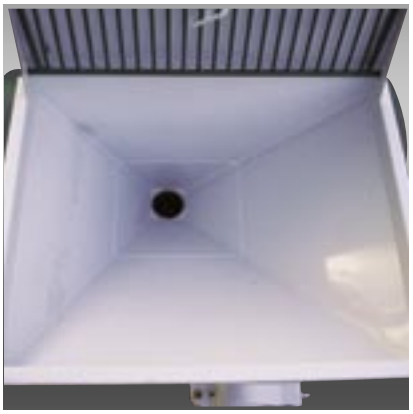
Choose the simplicity of the mechanical ball-valve SP 88 to pump grout, lightweight concrete, flowable fill, shotcrete and slurries. This small pump is a big performer thanks to Schwing exclusives including a forged heat-treated crankshaft and one-piece cam for long lasting operation, a waterbox lubricating system, central greasing station to ease maintenance, and fenders with built-in taillights.

Pumping cylinder stroke length is adjustable to four settings depending on your volume and distance requirements. Simply add some hardline or hose from the Schwing accessory catalog and you are ready to pump. Simple controls shorten orientation for first-time pumpers. The SP 88 travels light and cleans up fast thanks to a hinged discharge manifold with wedge pin fasteners. That means more jobs per day and more profits.

The SP 88 is a great starter pump or a valuable addition to a pumping fleet, concrete contracting company or shotcrete contractor. Thousands are operating daily providing their owners with inexpensive pumping and reliable service. Find out how Schwing makes a mechanical ball valve pump work harder to make your work easier.

Remote control (cable or optional radio remote) frees the operator to monitor the end hose and the pump.

Fuel efficient Deutz diesel is an example of the high quality components on our trailer pumps. Here is an engine that was designed for construction applications and is up to the reliability standards of a Schwing pump.



Generous hopper cleans up easily and has protective grate to prevent accidents. Grate is hinged with keeper to hold it open during cleaning.

Only one manufacturer can supply the Schwing experience.

Thousands of our customers form a backdrop of success that you can join by letting us spec the right piece of equipment for your needs. Six company stores with technicians and parts placed strategically across the country provide service expertise as close as your phone. And a select group of knowledgeable dealers provides another layer of invaluable experience. You and your staff will be welcomed into our facility to learn how to extract the maximum profitability from your concrete pump.

Generations of successful owners have chosen the Schwing experience. As a third generation family owned company we understand how important quality equipment is to your business and how important your business is to us.

The stationary pump plant in Atlanta is a modern model of efficiency, manufacturing pumps in trailer, skid or truck-mounted configurations for contractors around the world. From close inspection of incoming materials to forming our products with the latest welding techniques, Schwing takes craftsmanship to the highest standards. Our state-of-the-art paint facility produces finished products you will be proud to put your name on. In addition, a vast inventory of parts are on hand to keep your Schwing product running at maximum efficiency. Please schedule a visit to this modern facility located just north of Atlanta to see our long-term commitment to the global market.

SPECIFICATIONS

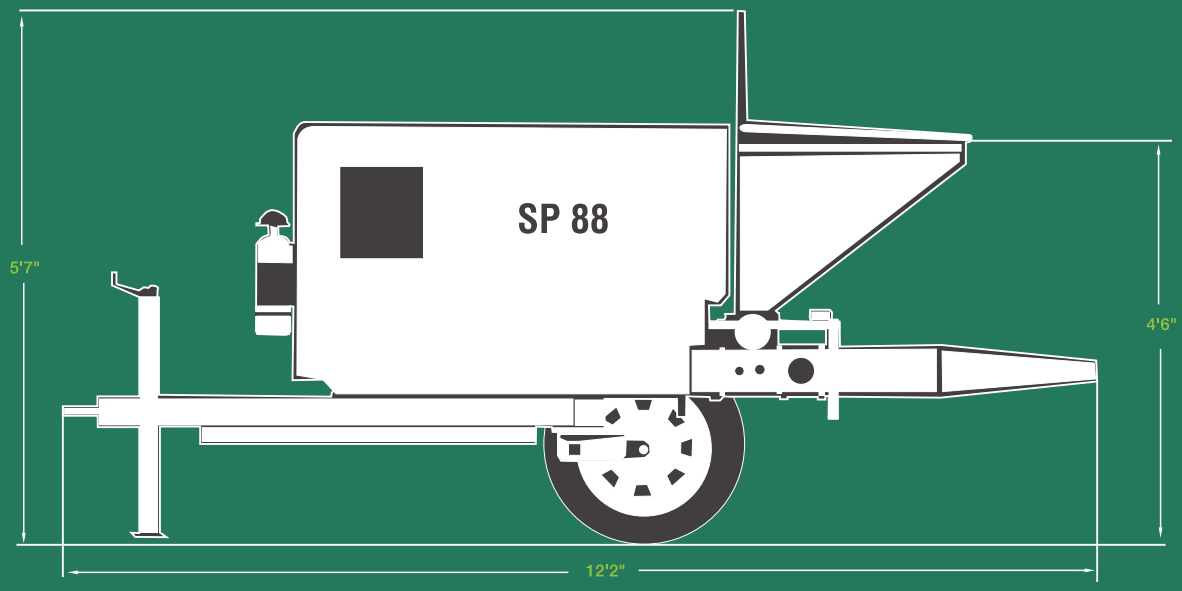
PUMP SPECIFICATIONS

	U.S.	Metric
Concrete Output Per Hour (cubic yards-cubic meters)	25	19
Maximum Pressure on Concrete (psi-bar)	500	35
Maximum Aggregate Size (in.-mm)	.5	12.5
Maximum Horizontal Pumping Distance* (feet-meters)	500	150
Maximum Vertical Pumping Distance* (feet-meters)	150	46
Concrete Cylinder Diameter (in.-mm)	6	150
Concrete Cylinder Stroke Length (in.-mm)	7.75	197
Maximum Pump Strokes Per Minute	130	130
Volume Control	40% to Maximum	
Concrete Valve Type	Mechanical Ball	
Hopper-Height (in.-mm)	54	1370
Hopper Capacity (cubic feet-cubic meters)	7	.2
Outlet Diameter (in.-mm)	3	75
Engine Model - Diesel Tier II	Deutz F2L2011	
Engine Model - Diesel Tier III	Deutz D2011 L02	
Engine Model - Gas	Wisconsin VH4D	
Engine Power (horsepower-kilowatt)	31	22
Fuel Tank Capacity (gallon-liter)	18	68
Axle	Single Standard	
Axle Capacity Rating (pounds-kilograms)	3500	1588
Tires	ST 205/75 R14	
Outrigger Legs	Manual Standard	
Length (in.-cm)	146	371
Width (in.-cm)	64	163
Height (in.-cm)	67	170
Trailer Units Weight (pounds-kilograms)	2650	1202
Remote Control Cable (feet-meters)	100	30

*Pumping distances shown are to be used as a guide only since they have been considerably exceeded on specific projects. Maximum attainable distances depend upon concrete mix design and pipeline diameter. Maximum output and distance cannot be achieved simultaneously.

**Pump specifications are for standard units. Other units are available.

Specifications are subject to change without prior notice.

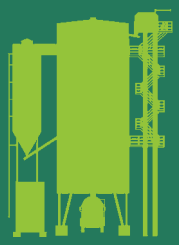


SCHWING-STETTER MOVES CONCRETE. WORLDWIDE.

Wherever concrete is produced and moved is where you will find Schwing-Stetter machinery.

With plants in Germany, Austria, USA, Brazil, Russia, China and India as well as with more than 100 sales and service facilities, the group of companies is always close to the customer.

Our wide range of products with something for every application is what makes Schwing-Stetter the No. 1 system supplier for concrete machinery worldwide.



CONCRETE BATCHING PLANTS

TRUCK MIXERS

TRUCK-MOUNTED CONCRETE PUMPS

STATIONARY CONCRETE PUMPS

SEPARATE PLACING BOOMS

CONCRETE RECYCLERS

1/08 - 3M

SCHWING

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