

SP 305

STATIONARY CONCRETE PUMP



SCHWING®

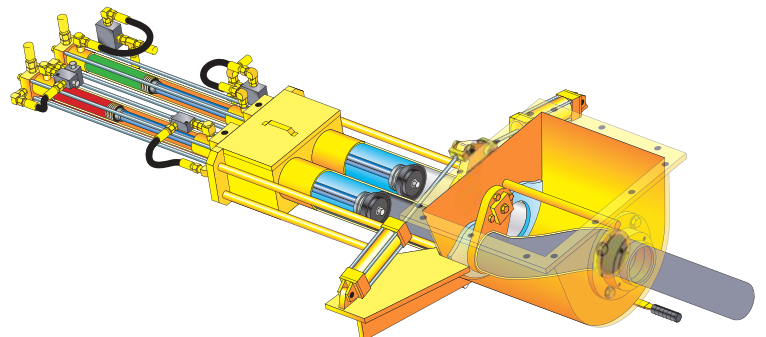
TAKE ON MORE PROJECTS FOR MORE PROFITS



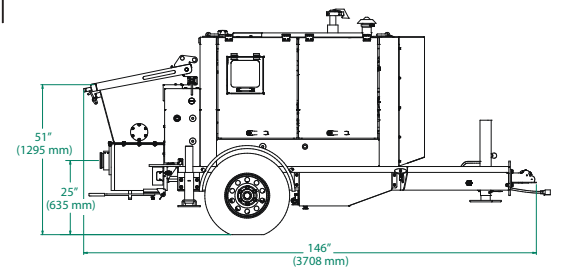
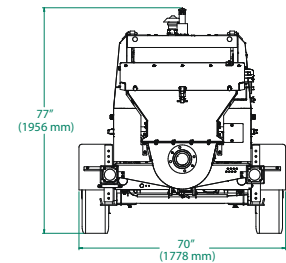
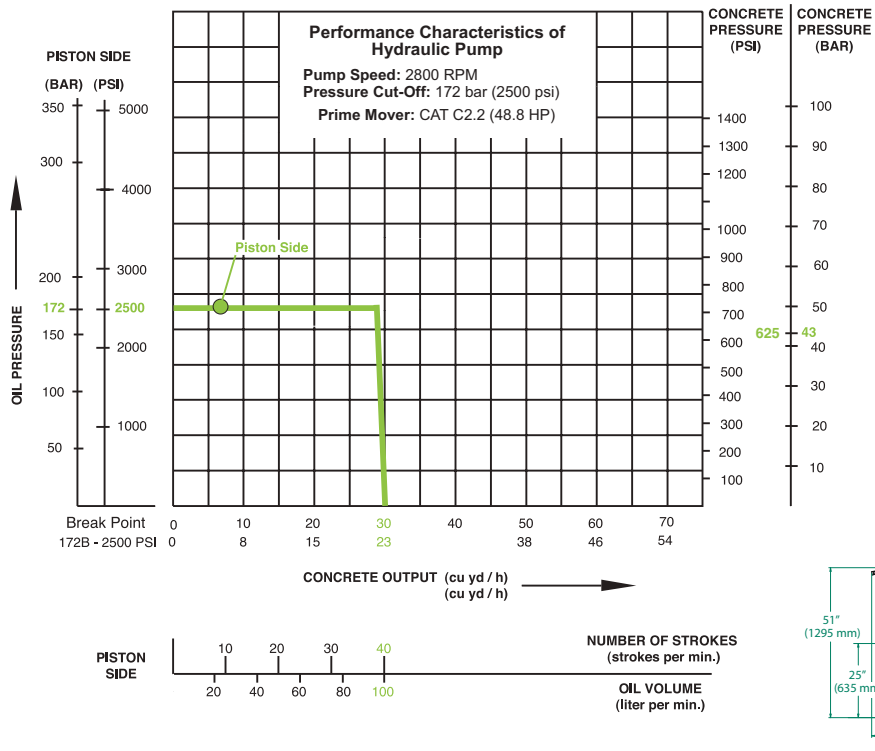
The SP 305 is the logical upgrade from a ball-valve pump. Hydraulically driven components apply up to 625 psi on the material to achieve impressive horizontal and vertical distances. The SP 305 will provide fast return on your investment when you take on more projects thanks to the pump's ability to handle three-quarter inch aggregate mixes. The lightweight and compact size of this pump makes it very portable for multiple pours in a day. Ease of operation makes the 305 a great entry-level pump that integrates into most contracting companies.

Rely on the 305 to expand your pumping horizons handling grout for block-fill, shotcrete and concrete. Many concrete contractors rely on the 305's ability to handle a variety of mixes while providing output to handle the majority of job requirements. Standard features include LED taillights and chrome wheels for low maintenance and upgraded look.

Twin-cylinder open loop all-hydraulic concrete pump provides smooth output up to 30 cubic yards per hour with industry leading fuel efficiency. A transfer tube valve is chosen for versatility and operates reliably with minimal maintenance pumping grout, shotcrete or concrete.



JECTS



Schwing Control Technology (SCT)

includes a large display, button keypad with LEDs, easy to navigate screens and optional radio remote.



Transfer tube valve provides the versatility to handle a wide variety of mixes. Hopper grate provides protection during operation and latches in the open position during cleanout.



CAT Tier 4 diesel engines comply with ever-tightening emissions, state and federal mandates and the desire of many contractors to offer low emissions pumping.



Remote Control (cable or optional radio remote) frees the operator to monitor pumping progress. Critical functions include on/off and forward/reverse.



SPECIFICATIONS

SP 305

Pump Specifications

	U.S.	Metric
Theor. Concrete Output Per Hour (cubic yards - cubic meters)	30	23
Maximum Pressure on Concrete (psi - bar)	625	43
Maximum Aggregate Size (in. - mm)	.75	19
Concrete Cylinder Diameter (in. - mm)	5	125
Differential Cylinder Diameter (in. - mm)	2.5 / 1.75	63 / 45
Concrete Cylinder Stroke Length (in. - mm)	30	760
Maximum Pump Strokes Per Minute	40	
Main Hydraulic Pump	A10V045	
Volume Control	0% to Maximum	
Concrete Valve Type	Transfer Tube	
Shifting Cylinders	2	
Hydraulic Tank Capacity (gallons - liters)	35	133
Hydraulic System	Open Loop	
Hopper Height (in. - mm)	51	1,295
Hopper Capacity (cubic feet - cubic meters)	8	.24
Outlet Diameter (in. - mm)	4 HD	100 HD
Engine Model - Tier 4 Final	CAT 2.2	
Engine Power (horsepower - kilowatt)	48.8	36.4
Fuel Tank Capacity (gallon - liter)	19	72
Axle	Single Standard	
Axle Capacity Rating (pounds - kilograms)	5,500	2,500
Tires	ST 225/75R15	
Brakes	Electric	
Outrigger Legs	Manual Standard	
Length (in. - mm)	146	3,708
Width (in. - mm)	70	1,778
Height (in. - mm)	77	1,956
Trailer Units Weight (pounds - kilograms)	4,320	1,960
Remote Control Cable (feet - meters)	100	30.5

Pump specifications are for standard units. Other units are available. Specifications are subject to change without prior notice.



*More than 400,000 square feet are devoted to producing the highest quality concrete equipment at our **White Bear, Minnesota** plant. From close inspection of incoming materials to forming our products with the latest robotic 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 minutes north of Minneapolis/St. Paul to see our long-term commitment to the market.*



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