

Schwing SP305 Diesel Pump



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.

SALES & MARKETING INFORMATION

Schwing SP305

- > **Serial number** 3050702
- > **Manufactured:** 2012
- > **Most Recent hour reading:** 453 hours
- > **Location:** Elko, NV United States

- > **Available:** April, 2024
- > **Machine condition grade:** Grade 3

EQUIPPED WITH:

- > Cat diesel engine
- > Foam filled tires (unit is not street legal and must be transported by trailer)

Greasing System

- > Greasing system for concrete pump (Manual)

ADDITIONAL INFO

- FOPS NA
- ROPS NA(Rebuilt) Dana 113 planetary rear axle
- > Output to 30 cubic yards per hour
 - > Pressure to 625 PSI
 - > 1.0" Maximum aggregate size

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PUMP SPECIFICATIONS

	U.S.	Metric
Concrete Output Per Hour (cubic yards-cubic meters)	30	23
Maximum Pressure on Concrete (psi-bar)	642	43
Maximum Aggregate Size (in.-mm)	1	25
Maximum Horizontal Pumping Distance* (feet-meters)	800	244
Maximum Vertical Pumping Distance* (feet-meters)	200	60
Concrete Cylinder Diameter (in.-mm)	5	125
Differential Cylinder Diameter (in.-mm)	2.5 / 1.7	63 / 44
Concrete Cylinder Stroke Length (in.-mm)	30	762
Maximum Pump Strokes Per Minute	44	44
Main Hydraulic Pump	A10V045	
Volume Control	0 to Maximum	
Concrete Valve Type	Transfer Tube	
Shifting Cylinders	2	
Hydraulic Tank Capacity (gallon-liters)	40	150
Hydraulic System	Open Loop	
Hopper-Height (in.-mm)	44	1120
Hopper Capacity (cubic feet-cubic meters)	8	.23
Outlet Diameter (in.-mm)	4	100
Engine Model - Tier II	Deutz F3L2011	
Engine Model - Tier III	Deutz D2011 L03	
Engine Power (horsepower-kilowatt)	48	36
Fuel Tank Capacity (gallon-liter)	15	57
Axle	Single Standard	
Axle Capacity Rating (pounds-kilograms)	3500	1588
Tires	ST 205/75 R14	
Brakes	Electric	
Outrigger Legs	Manual Standard	
Length (in.-cm)	149	378
Width (in.-cm)	64	163
Height (in.-cm)	66	168
Trailer Units Weight (pounds-kilograms)	3350	1520
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.

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