

SP 500

Trailer-Mounted
Concrete Pump



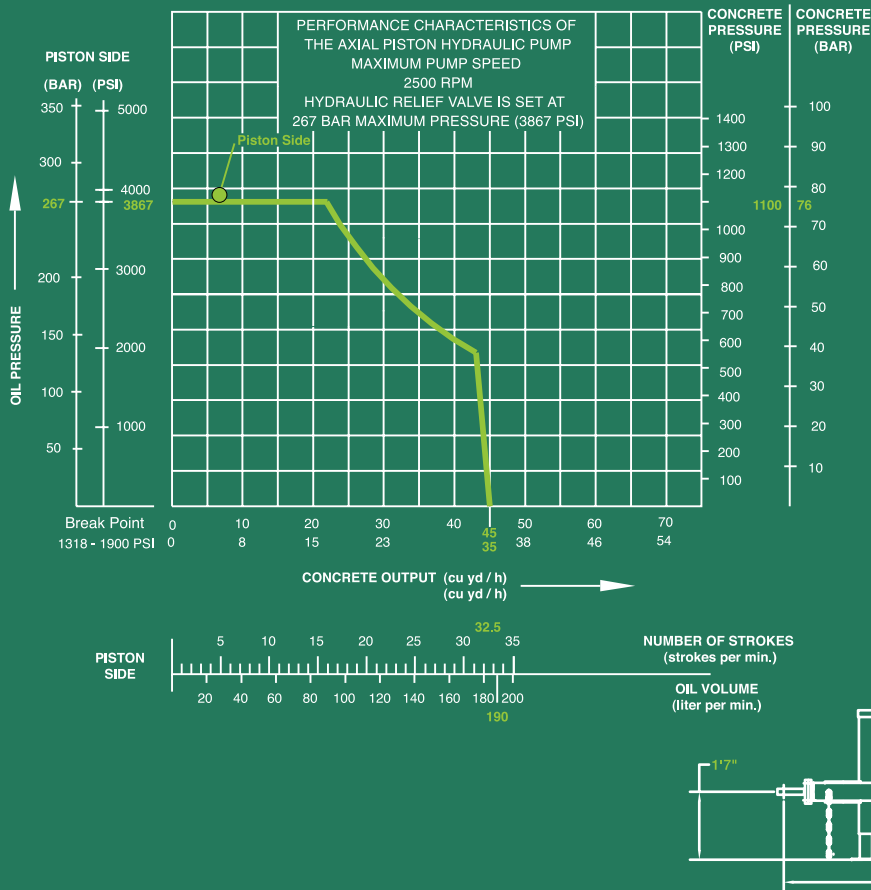
SPECIFICATIONS

PUMP SPECIFICATIONS

	U.S.	Metric
Concrete Output Per Hour (cubic yards-cubic meters)	45	35
Maximum Pressure on Concrete (psi-bar)	1100	76
Maximum Aggregate Size (in.-mm)	1.5	38
Maximum Horizontal Pumping Distance* (feet-meters)	1160	354
Maximum Vertical Pumping Distance* (feet-meters)	330	100
Concrete Cylinder Diameter (in.-mm)	6	150
Differential Cylinder Diameter (in.-mm)	3.14/1.97	80/50
Concrete Cylinder Stroke Length (in.-mm)	39	1000
Maximum Pump Strokes Per Minute	32.5	32.5
Main Hydraulic Pump	A11V095	
Volume Control	0 to Maximum	
Concrete Valve Type	Long Rock™	
Shifting Cylinders	2	
Hydraulic Tank Capacity (gallon-liters)	50	190
Hydraulic System	Open Loop	
Hopper-Height (in.-mm)	48	1220
Hopper Capacity (cubic feet-cubic meters)	11	.31
Outlet Diameter (in.-mm)	5	125
Engine Model - Tier II	Deutz BF4L2011	
Engine Model - Tier III	Deutz TCD2011 L04i	
Engine Power (horsepower-kilowatt)	72	54
Fuel Tank Capacity (gallon-liter)	20	75
Axle	Single Standard	
Axle Capacity Rating (pounds-kilograms)	6000	2722
Tires	ST 235/80 R16	
Brakes	Electric	
Outrigger Legs	Manual Standard	
Length (in.-cm)	166	422
Width (in.-cm)	66	168
Height (in.-cm)	76	193
Trailer Units Weight (pounds-kilograms)	5500	2495
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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CONCRETE BATCHING PLANTS



TRUCK MIXERS



TRUCK-MOUNTED CONCRETE PUMPS



STATIONARY CONCRETE PUMPS



SEPARATE PLACING BOOMS



CONCRETE RECYCLERS