

SPECIFICATIONS

ROCK VALVE™ STATIONARY CONCRETE PUMPS

	SP 500		SP 750-15		SP 750-18		SP 1000		SP 1000HP		SP 1250		SP 2000 (Rod/Piston)	
	U.S.	Metric	U.S.	Metric	U.S.	Metric	U.S.	Metric	U.S.	Metric	U.S.	Metric	U.S.	Metric
Concrete Output Per Hour (cu. yds. - cu. m)	45	34	50	38	70	54	70	54	35	27	95	73	118/91	90/70
Maximum Pressure on Concrete (psi - bar)	1100	76	1100	76	1100	76	1100	76	1450	100	942	65	870/1568	60/108
Maximum Aggregate Size (in. - mm)	1.5	38	1.5	37	1.5	38	1.5	38	.5	13	1.5	37	2.5	63.5
Concrete Cylinder Diameter (in. - mm)	6	150	6	150	7	180	7	180	6	150	7	180	8	200
Differential Piston/Rod Diameter (in. - mm)	3.15/1.96	80/50	3.15/1.96	80/50	3.54/1.96	90/50	3.54/1.96	90/50	3.54/1.96	90/50	3.15/2.16	80/55	4.72/3.14	120/80
Concrete Cylinder Stroke Length (in. - mm)	39	1000	39	1000	39	1000	39	1000	39	1000	55	1400	63	1600
Maximum Pump Strokes Per Minute	32.5		35		35		35		26		34		30/23	
Main Hydraulic Pump	A11V095		A11V095		A11V0130		A11V0130		A11V0130		A11VL0130		A11VL0190	
Volume Control	0 to Maximum		0 to Maximum		0 to Maximum		0 to Maximum		0 to Maximum		0 to Maximum		0 to Maximum	
Concrete Valve Type	Long Rock™		Long Rock™		Long Rock™		Long Rock™		HP Short Rock		Long Rock™		M Rock	
Shifting Cylinders	2		2		2		2		2		2		2	
Hydraulic Tank Capacity (gal - liters)	53	201	112	424	112	424	112	424	112	424	112	424	112	424
Hydraulic System	Open Loop		Open Loop		Open Loop		Open Loop		Open Loop		Open Loop		Open Loop	
Hopper Height (in. - mm)	50	1280	51	1292	51	1292	51	1292	51	1292	51	1292	61	1294
Hopper Capacity (cu. ft. - cu. m)	13	.38	13	.38	13	.38	13	.38	13	.38	13	.38	21	.60
Outlet Diameter (in. - mm)	5	125	5	125	5	125	5	125	4	100	5	125	7	180
Engine Model - Tier 3	CAT 4.4T 80hp/59.7Kw		CAT 4.4T 100hp/74.6Kw		CAT 4.4T 100hp/74.6Kw		CAT 4.4T 139hp/103.7Kw		CAT 4.4T 139hp/103.7Kw		CAT 7.1T 173hp/129.5Kw		CAT 7.1T 173hp/129.5Kw	
Engine Model - Tier 4	CAT 3.4B 74.5hp/55.6Kw		CAT 3.4B 100hp/74.6Kw		CAT 3.4B 100hp/74.6Kw		CAT 4.4L 137hp/102.2Kw		CAT 4.4L 137hp/102.2Kw		CAT 4.4L 173hp/129.5Kw		CAT 4.4L 173hp/129.5Kw	
Circuit Hydraulics	Twin Circuit: Accumulator		Twin Circuit: Accumulator		Twin Circuit: Accumulator		Twin Circuit: Accumulator		Twin Circuit: Accumulator		Twin Circuit: Accumulator		Single Circuit: No Accumulator	
Fuel Tank Capacity (gal - liters)	33.5	127	39	148	39	148	39	148	39	148	53	200	53	200
Axle	Single Standard		Tandem Standard		Tandem Standard		Tandem Standard		Tandem Standard		Tandem Standard		Tandem Standard	
Axle Capacity Rating (lbs. - kg)	8000	3629	11000	4990	11000	4990	11000	4990	11000	4990	14000	6350	14000	6350
Tires	215/75R17.5 (std.)		—		—		—		—		—		—	
Tandem Axle Tires	Optional		ST 235/80 R16 (std.)		ST 235/80 R16 (std.)		ST 235/80 R16 (std.)		ST 235/80 R16 (std.)		LT 235/85R16 (std.)		LT235/85R16 (std.)	
Brakes	Electric		Electric		Electric		Electric		Electric		Electric		Electric	
Outrigger Legs	Manual Standard		Manual Standard		Manual Standard		Manual Standard		Manual Standard		Hydraulic Standard		Hydraulic Standard	
Length (ft.-in. - mm)	15-6	4712	16-5	4997	16-5	4997	16-5	4997	15-10	4835	20-1.5	6129	20-1.5	6129
Width (ft.-in. - mm)	6-4	1883	6-6	1929	6-6	1929	6-6	1929	6-6	1929	6-6	1929	6-6	1929
Height (ft.-in. - mm)	7-4	2226	8-6	2590	8-6	2590	8	2440	8	2440	8-6	2585	8-6	2585
Trailer Units Weight - Tier 3 (lbs. - kg)	7450	3379	8650	3923	8750	3969	8900	4037	8800	3992	11050	5012	13500	6123
Trailer Units Weight - Tier 4 (lbs. - kg)	7300	3311	8750	3969	8850	4014	9300	4218	9200	4173	10600	4808	13050	5919
Remote Control Cable (ft. - m)	100	30.5	100	30.5	100	30.5	100	30.5	100	30.5	100	30.5	100	30.5

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

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