



**SCHWING®**



**STATIONARY  
CONCRETE PUMPS**  
PRODUCT GUIDE



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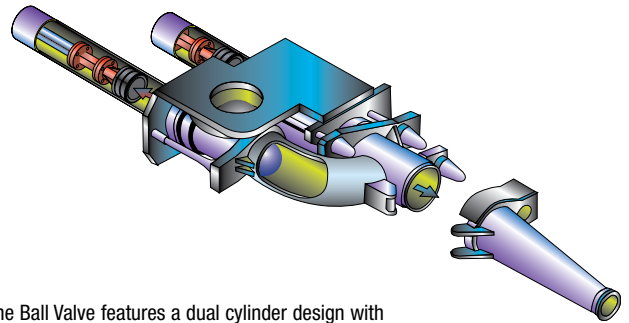




### TECHNICAL DATA

Concrete Pump		SP 88
Concrete Output Per Hour	cu.yds./cu.m.	25/19
Maximum Pressure on Concrete	psi/bar	500/34
Maximum Aggregate Size	in/mm	.5/13
Concrete Cylinder Diameter	in/mm	6/150
Concrete Cylinder Stroke Length	in/mm	4.6-6.5/117-165
Maximum Pump Strokes Per Minute		130
Concrete Valve Type		Mechanical Ball
Diesel Engine CAT 1.1 Tier 4 F	hp/Kw	24.6/18.4
Axle		Single Standard
Trailer Units Weight	lbs/kg	2700/1225

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



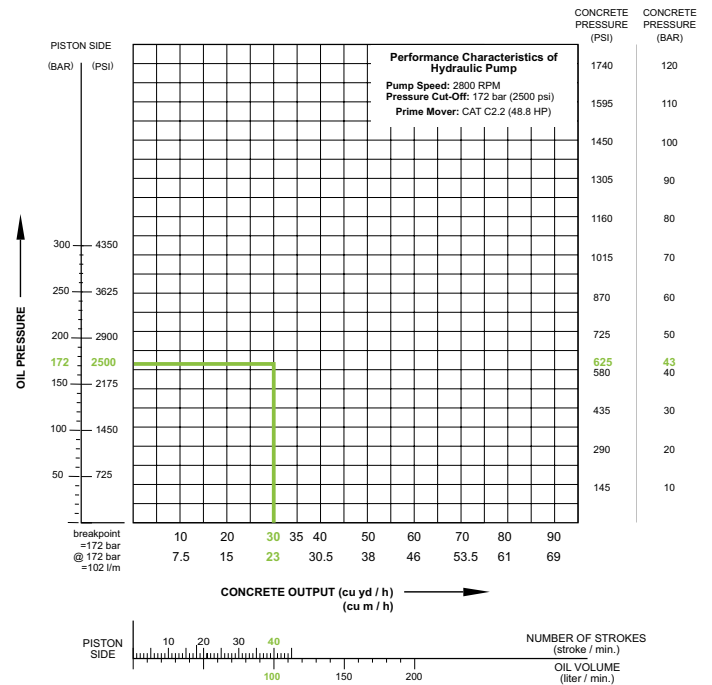
The Ball Valve features a dual cylinder design with steel balls for regulating concrete flow.



## TECHNICAL DATA

Concrete Pump		SP 305
Concrete Output Per Hour	cu.yds./cu.m.	30/23
Maximum Pressure on Concrete	psi/bar	625/43
Maximum Aggregate Size	in/mm	.75/20
Concrete Cylinder Diameter	in/mm	5/125
Differential Cylinder Diameter	in/mm	2.5/1.75 / 64/45
Concrete Cylinder Stroke Length	in/mm	30/760
Maximum Pump Strokes Per Minute		40
Concrete Valve Type		Transfer Tube
Hydraulic Tank Capacity	gal/liters	35/133
CAT 2.2 Diesel Engine - Tier 4 F	hp/Kw	48.8/36.4
Axle		Single Standard
Trailer Units Weight	lbs/kg	4320/1960

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

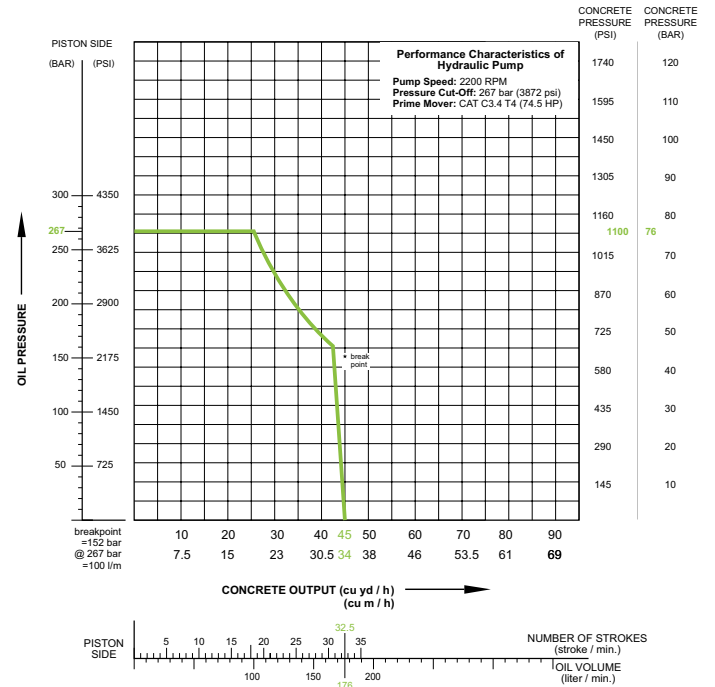




## TECHNICAL DATA

Concrete Pump		SP 500
Concrete Output Per Hour	cu.yds./cu.m.	45/34
Maximum Pressure on Concrete	psi/bar	1100/76
Maximum Aggregate Size	in/mm	1.5/38
Concrete Cylinder Diameter	in/mm	6/150
Differential Cylinder Diameter	in/mm	3.15/1.96 / 80/50
Concrete Cylinder Stroke Length	in/mm	39/1000
Maximum Pump Strokes Per Minute		32.5
Concrete Valve Type		Long Rock™
Hydraulic Tank Capacity	gal/liters	53/201
CAT 3.4B Diesel Engine - Tier 4 F	hp/Kw	74.5/55.6
Axle		Single Standard
Trailer Units Weight - Tier 4 F	lbs/kg	7300/3311

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

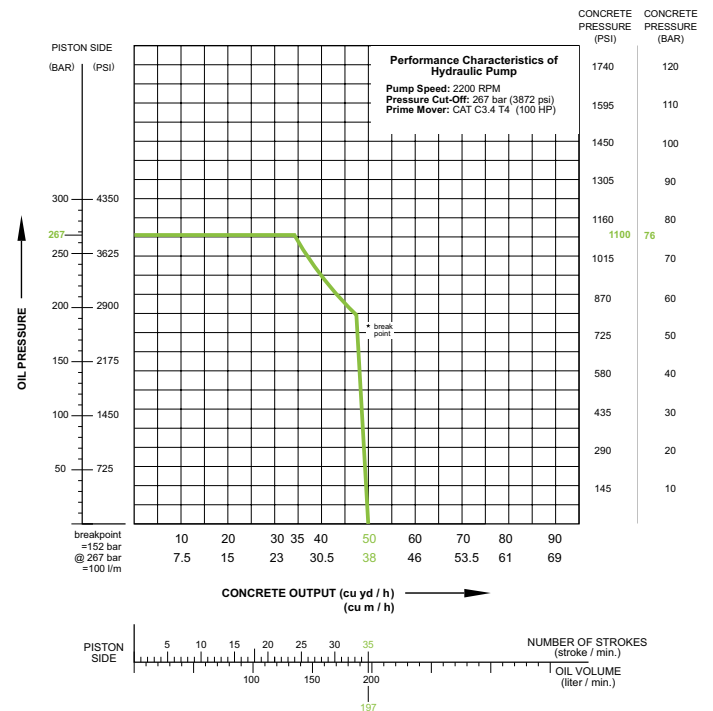




## TECHNICAL DATA

Concrete Pump		SP 750-15
Concrete Output Per Hour	cu.yds./cu.m.	50/38
Maximum Pressure on Concrete	psi/bar	1100/76
Maximum Aggregate Size	in/mm	1.5/38
Concrete Cylinder Diameter	in/mm	6/150
Differential Cylinder Diameter	in/mm	3.15/1.96 / 80/50
Concrete Cylinder Stroke Length	in/mm	39/1000
Maximum Pump Strokes Per Minute		35
Concrete Valve Type		Long Rock™
Hydraulic Tank Capacity	gal/liters	112/424
CAT 3.4B Diesel Engine - Tier 4 F hp/Kw		100/74.6
Axle		Tandem Standard
Trailer Units Weight - Tier 4 F	lbs/kg	8750/3969

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

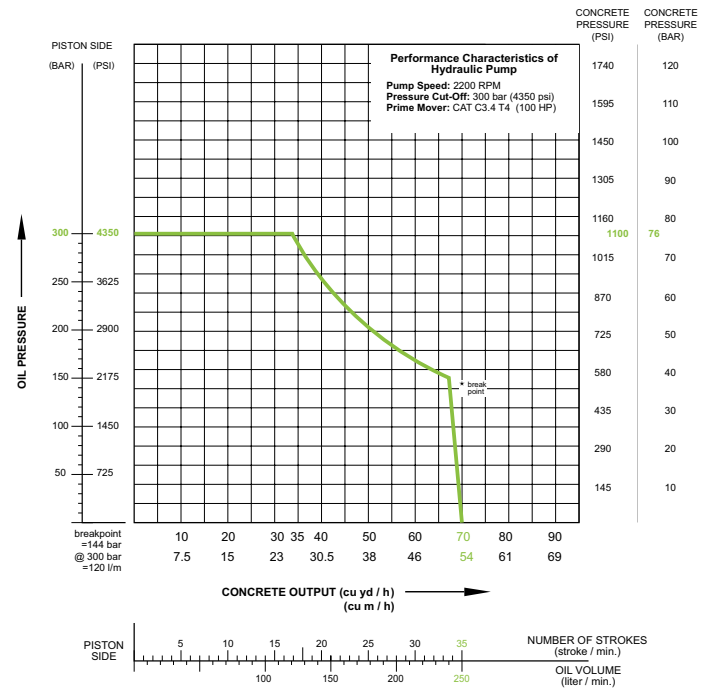




## TECHNICAL DATA

Concrete Pump		SP 750-18
Concrete Output Per Hour	cu.yds./cu.m.	70/54
Maximum Pressure on Concrete	psi/bar	1100/76
Maximum Aggregate Size	in/mm	1.5/38
Concrete Cylinder Diameter	in/mm	7/180
Differential Cylinder Diameter	in/mm	3.54/1.96 / 90/50
Concrete Cylinder Stroke Length	in/mm	39/1000
Maximum Pump Strokes Per Minute		35
Concrete Valve Type		Long Rock™
Hydraulic Tank Capacity	gal/liters	112/424
CAT 3.4B Diesel Engine - Tier 4 F	hp/Kw	100/74.6
Axle		Tandem Standard
Trailer Units Weight - Tier 4 F	lbs/kg	8850/4014

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

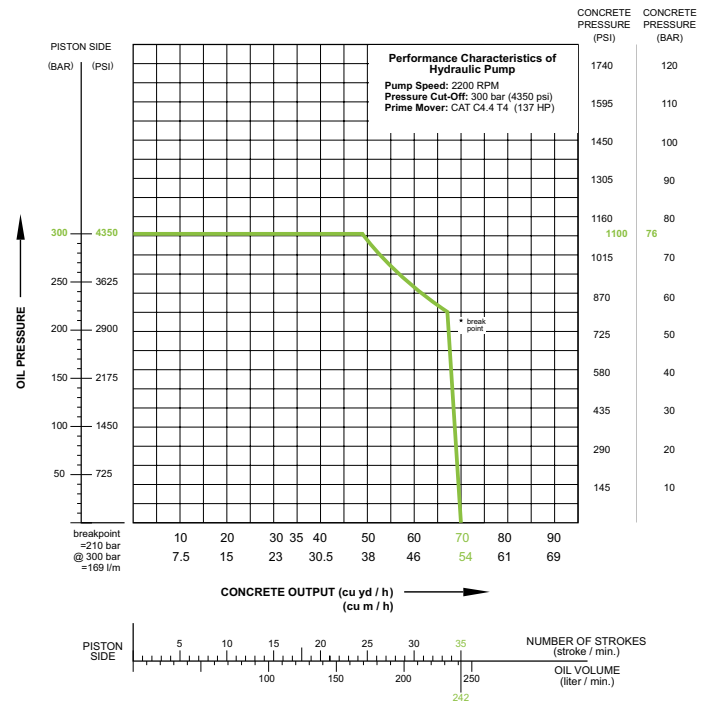




## TECHNICAL DATA

Concrete Pump		SP 1000
Concrete Output Per Hour	cu.yds./cu.m.	70/54
Maximum Pressure on Concrete	psi/bar	1100/76
Maximum Aggregate Size	in/mm	1.5/38
Concrete Cylinder Diameter	in/mm	7/180
Differential Cylinder Diameter	in/mm	3.54/1.96 / 90/50
Concrete Cylinder Stroke Length	in/mm	39/1000
Maximum Pump Strokes Per Minute		35
Concrete Valve Type		Long Rock™
Hydraulic Tank Capacity	gal/liters	112/424
CAT 4.4 Diesel Engine - Tier 4 F	hp/Kw	137/102.2
Axle		Tandem Standard
Trailer Units Weight - Tier 4 F	lbs/kg	9300/4218

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



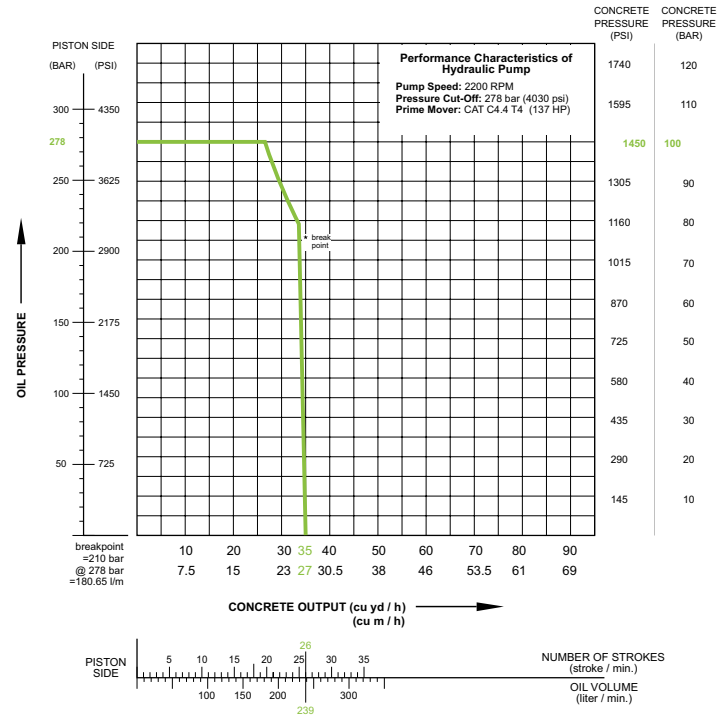




## TECHNICAL DATA

Concrete Pump		SP 1000 HP
Concrete Output Per Hour	cu.yds./cu.m.	35/27
Maximum Pressure on Concrete	psi/bar	1450/100
Maximum Aggregate Size	in/mm	.5/13
Concrete Cylinder Diameter	in/mm	6/150
Differential Cylinder Diameter	in/mm	3.54/1.96 / 90/50
Concrete Cylinder Stroke Length	in/mm	39/1000
Maximum Pump Strokes Per Minute		26
Concrete Valve Type		"HP" Short Rock™
Hydraulic Tank Capacity	gal/liters	112/424
CAT 4.4 Diesel Engine - Tier 4 F	hp/Kw	137/102.2
Axle		Tandem Standard
Trailer Units Weight - Tier 4 F	lbs/kg	9200/4173

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

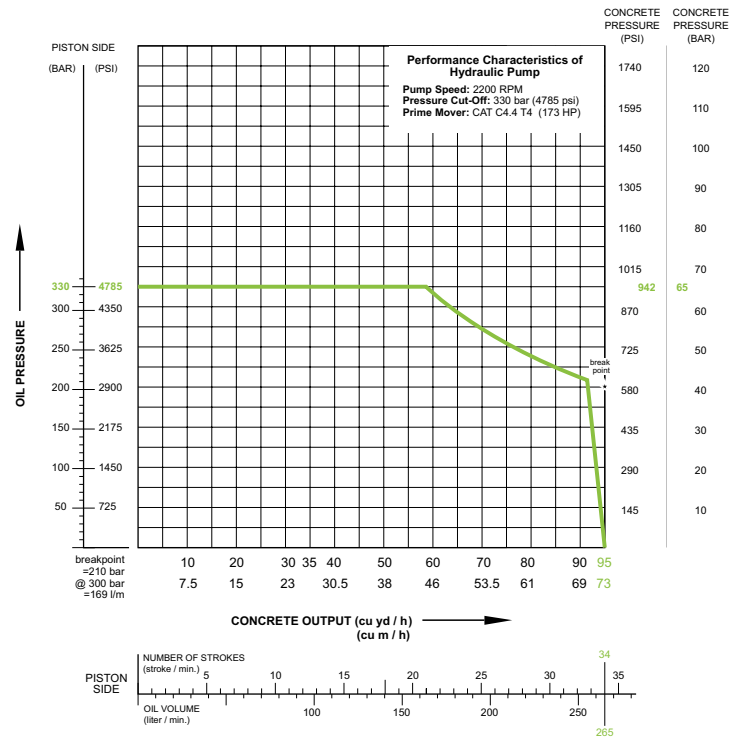




## TECHNICAL DATA

Concrete Pump		SP 1250
Concrete Output Per Hour	cu.yds./cu.m.	95/73
Maximum Pressure on Concrete	psi/bar	942/65
Maximum Aggregate Size	in/mm	1.5/38
Concrete Cylinder Diameter	in/mm	7/180
Differential Cylinder Diameter	in/mm	3.15/2.16/ 80/55
Concrete Cylinder Stroke Length	in/mm	55/1400
Maximum Pump Strokes Per Minute		34
Concrete Valve Type		Long Rock™
Hydraulic Tank Capacity	gal/liters	112/424
CAT 4.4 Diesel Engine - Tier 4 F	hp/Kw	173/129.5
Axle		Tandem Standard
Trailer Units Weight - Tier 4 F	lbs/kg	10600/4808

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

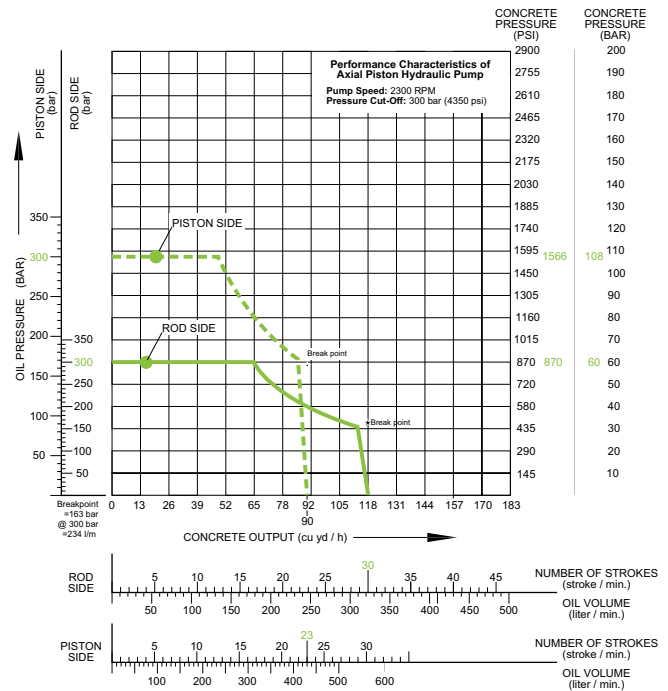




## TECHNICAL DATA

Concrete Pump	SP 2000		
	Rod/Piston	Rod/Piston	
Concrete Output Per Hour	cu.yds./cu.m.	118/91	90/70
Maximum Pressure on Concrete	psi/bar	870/1566	60/108
Maximum Aggregate Size	in/mm	2.5	63.5
Concrete Cylinder Diameter	in/mm	8	200
Differential Cylinder Diameter	in/mm	4.72/3.14	120/80
Concrete Cylinder Stroke Length	in/mm	63	1600
Maximum Pump Strokes Per Minute		30/23	30/23
Concrete Valve Type		M Rock	
Hydraulic Tank Capacity	gal/liters	112	424
CAT 4.4 Diesel Engine - Tier 4 F	hp/Kw	173	129.5
Axle		Tandem Standard	
Trailer Units Weight - Tier 4 F	lbs/kg	13050	5919

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

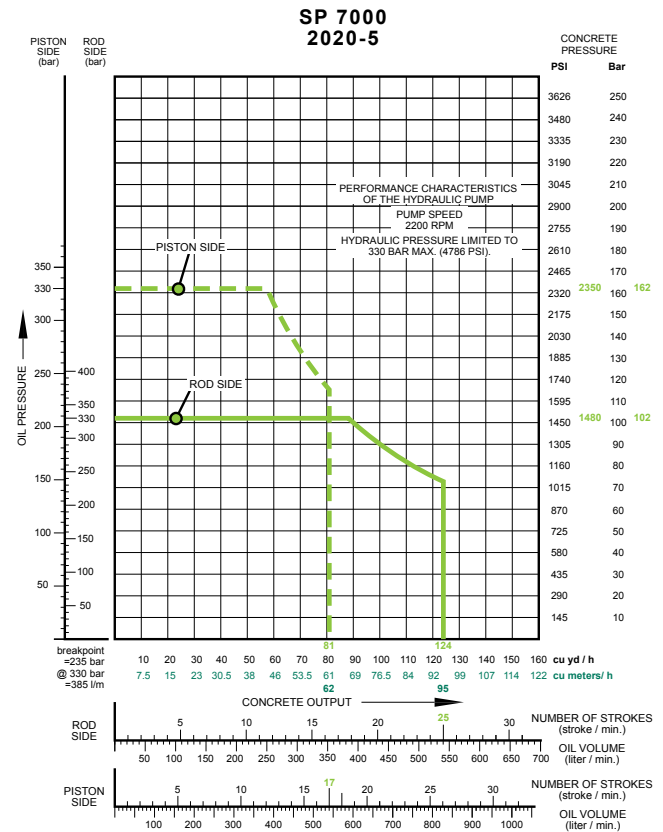




## TECHNICAL DATA

Concrete Pumpkit		SP 7000 HDR 140/85	
		Rod/Piston	Rod/Piston
Concrete Output Per Hour	cu.yds./cu.m.	124/81	95/62
Maximum Pressure on Concrete	psi/bar	1480/2350	102/162
Maximum Aggregate Size	in/mm	2.5	64
Concrete Cylinder Diameter	in/mm	8	200
Concrete Cylinder Stroke Length	in/mm	79	2000
Differential Cylinder Diameter	in/mm	5.5	140
Maximum Pump Strokes Per Minute		25/17	25/17
Concrete Valve Type		RL Rock	
CAT 9.3 T4F Diesel Engine - Tier 4 F	hp/kw	400/298	
Axle		Single Standard Job Site	
Trailer Units Weight	lbs/kg	20500	9300

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



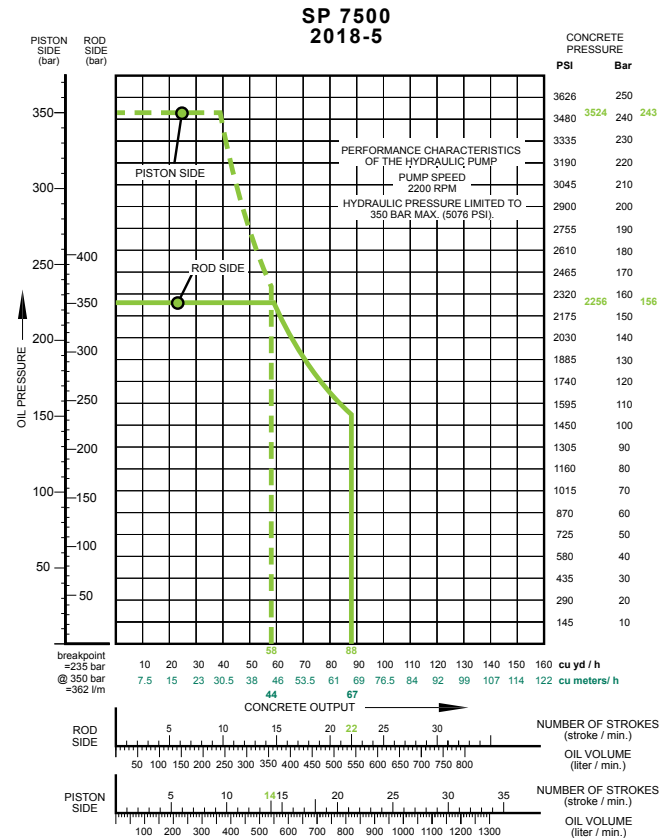


## TECHNICAL DATA

Concrete Pumpkit		SP 7500 HDR 150/90	
		Rod/Piston	Rod/Piston
Concrete Output Per Hour	cu.yds./cu.m.	88/58	67/44
Maximum Pressure on Concrete*	psi/bar	2256/3524	156/243
Maximum Aggregate Size	in/mm	2.5	64
Concrete Cylinder Diameter	in/mm	7	180
Concrete Cylinder Stroke Length	in/mm	79	2000
Differential Cylinder Diameter	in/mm	5.9	150
Maximum Pump Strokes Per Minute		22/14	22/14
Concrete Valve Type		"HP" Rock with Double Shift Cylinders	
CAT 9.3 T4F Diesel Engine - Tier 4 F	hp/kw	400/298	
Axle		Single Standard Job Site	
Trailer Units Weight	lbs/kg	20725	9412

\*Consult factory for special requirements. Maximum pressure on concrete 2857 psi/197 bar.

Pump specifications are for standard units. Electric units available.  
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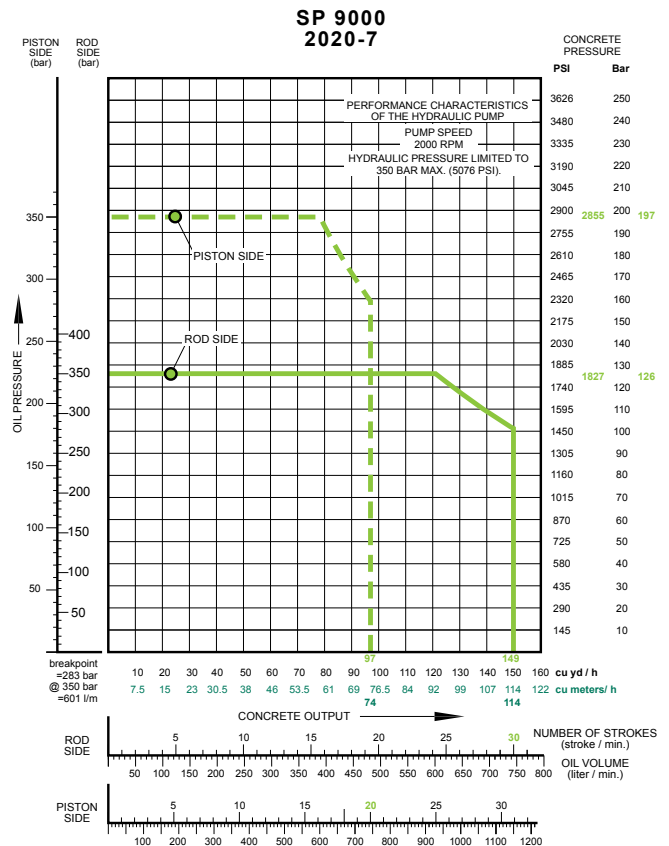


## TECHNICAL DATA

Concrete Pumpkit		SP 9000 HDR 150/90	
		Rod/Piston	Rod/Piston
Concrete Output Per Hour	cu.yds./cu.m.	149/97	114/74
Maximum Pressure on Concrete*	psi/bar	1827/2855	126/197
Maximum Aggregate Size	in/mm	2.5	64
Concrete Cylinder Diameter	in/mm	8	200
Concrete Cylinder Stroke Length	in/mm	79	2000
Differential Cylinder Diameter	in/mm	5.9	150
Maximum Pump Strokes Per Minute		30/20	30/20
Concrete Valve Type		"HP" Rock with Double Shift Cylinders	
CAT 18 T4F Diesel Engine - Tier 4 F	hp/Kw	630/470	
Axle		Single Standard Job Site	
Trailer Units Weight	lbs/kg	24250	11000

\*Consult factory for special requirements. Maximum material pressure 3524 psi/243 bar.

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



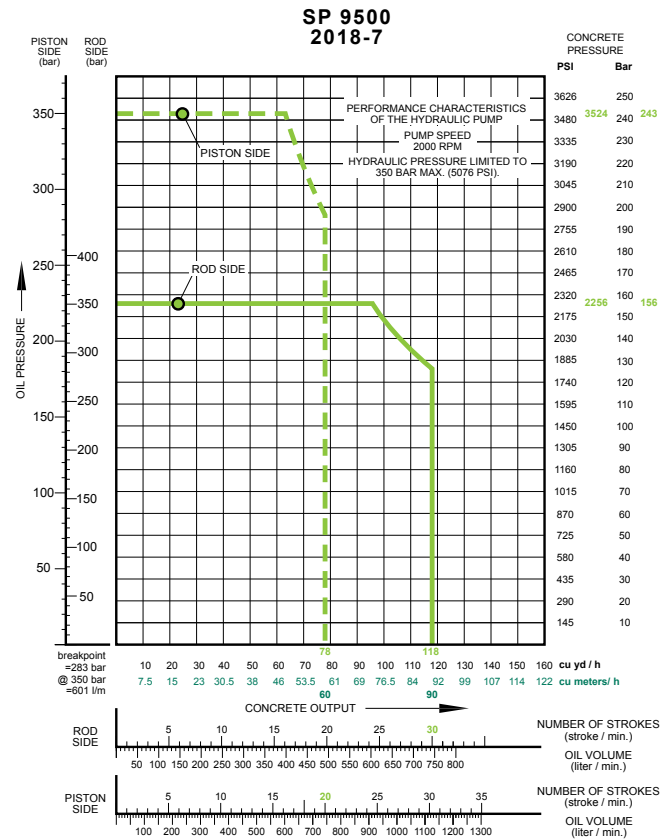


## TECHNICAL DATA

Concrete Pumpkit		SP 9500 HDR 150/90	
		Rod/Piston	Rod/Piston
Concrete Output Per Hour	cu.yds./cu.m.	118/78	90/60
Maximum Pressure on Concrete*	psi/bar	2256/3524	156/243
Maximum Aggregate Size	in/mm	2.5	64
Concrete Cylinder Diameter	in/mm	7	180
Concrete Cylinder Stroke Length	in/mm	79	2000
Differential Cylinder Diameter	in/mm	5.9	150
Maximum Pump Strokes Per Minute		30/20	30/20
Concrete Valve Type		"HP" Rock with Double Shift Cylinders	
CAT 18 T4F Diesel Engine - Tier 4 F	hp/Kw	630/470	
Axle		Single Standard Job Site	
Trailer Units Weight	lbs/kg	24250	11000

\*Consult factory for special requirements. Maximum pressure on concrete 2857 psi/197 bar.

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



## STATIONARY CONCRETE PUMP ACCESSORIES & MOUNTING OPTIONS

Schwing stocks a complete line of replacement parts and accessories for all shotcrete, concrete and grout pumping applications. Call 1-888-SCHWING to order by phone or visit [www.schwingparts.com](http://www.schwingparts.com)



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## Notes

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