



SCHWING stationary concrete pumps.
Performance and safety at all levels.

Stationary concrete pumps

Product overview



Concrete output	23 to 116 m ³ /h
Pressure on concrete	up to 243 bar
Engine output	30 to 470 kW



RECORD BREAKING ENGINEERING



Technologies for more economy

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More efficiency in high-rise pumping

The EcoClean process allows for all of the residual concrete present in the delivery line to be utilized on the high-rise job. The conventional procedure is for concrete to be pumped by the stationary pump until the quantity of concrete required for the concrete section has been placed. But then the delivery line is still full of concrete, which must subsequently be drained and disposed of.

With the EcoClean procedure however, material and disposal costs are reduced and as such, the efficiency of the high-rise pumping increases noticeably. All SCHWING stationary pumps are ready for the EcoClean procedure ex factory.

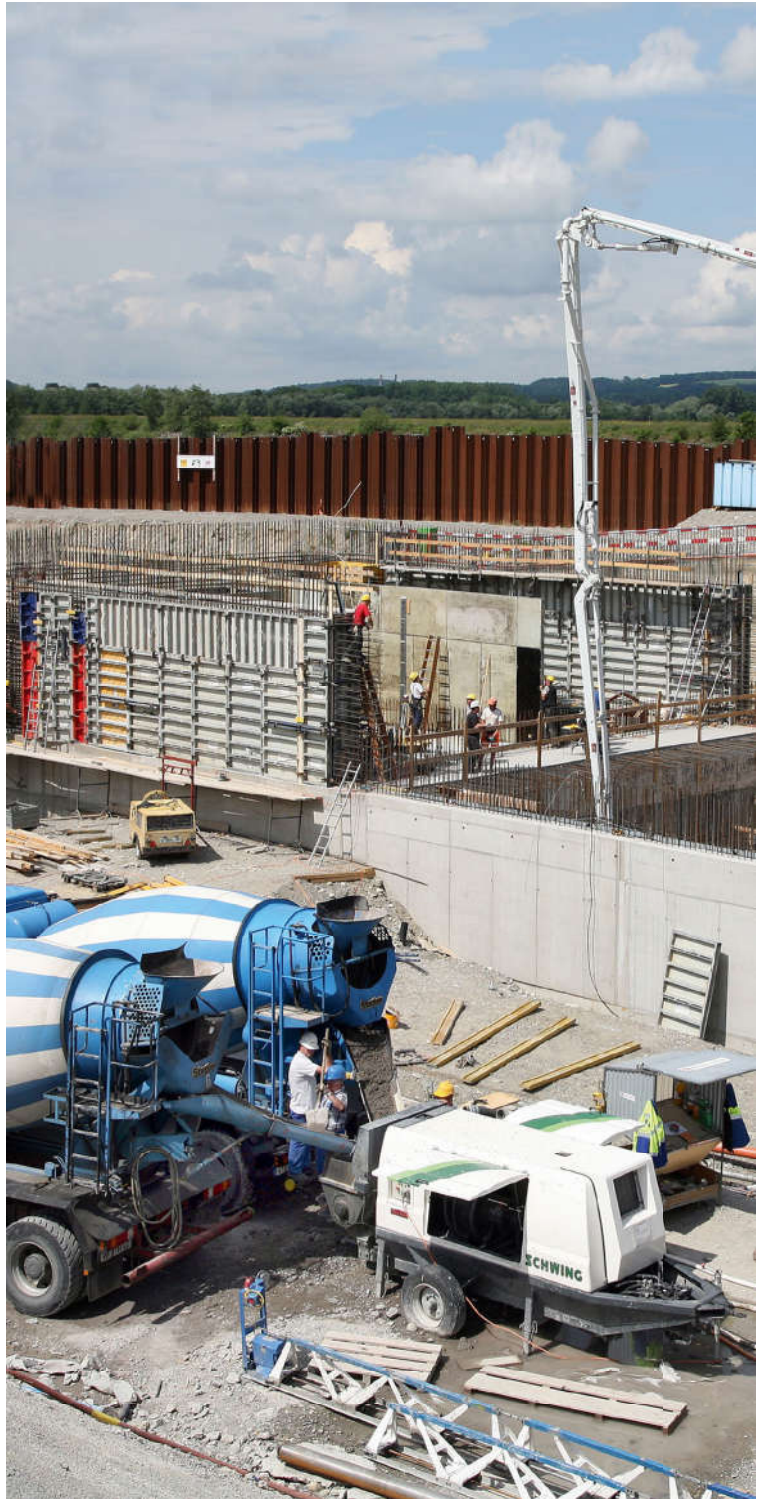


Smart Switch

Simple switching

On high-rise pumping jobs, the differential cylinders of the stationary pump are hydraulically connected to the rod side at the start of the project. In this case, the maximum delivery rate [m³/h] is available, whereas the attainable delivery pressure [bar] is limited. Once the structure has reached a certain height, the available pressure is no longer sufficient to pump concrete efficiently. The hydraulic connections to the differential cylinders must then be switched from the rod side to the piston side. For stationary pumps without SmartSwitch, switching over is done manually, which is time consuming and entails a risk of contaminating the hydraulic system.

With SmartSwitch from SCHWING, switch-over is done by simply pressing a button: quick, clean and safe. After each new engine/motor start, the chosen connection mode must be confirmed by pressing the button - for maximum operational safety. SmartSwitch: increased productivity and safety when placing concrete.





SP 305 D



Designation		SP 305 D	
Weight	kg	1,655	
Performance			
Pump kit			
Delivery cylinders	mm	125 x 760	
Concrete output max.	m³/h	23	
Pressure on concrete max.	bar	43	
Stroke rate max.	1/min.	44	
Concrete valve	transfer tube		
Hydraulic system			
Design	open system		
Hydraulic tank	l	151	
Motor			
Motor		Diesel CAT C2.2	Diesel CAT C2.2 NA
Engine output	kW	36.4	37
Emission standard		Stage IIIA	Tier 4i
Emission control system		-	-
Fuel tank	l	57	57

Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously. DPF: Diesel particulate filter; SCR: selective catalytic reduction

SP 500 D



Designation		SP 500 D	
Weight	kg	2,950	
Performance			
Pump kit		P1015	
Delivery cylinders	mm	150 x 1,000	
Concrete output max.	m³/h	35	
Pressure on concrete max.	bar	76	
Stroke rate max.	1/min.	32	
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	190	
Motor			
Motor		Diesel CAT C4.4T	Diesel CAT C3.4B TA
Engine output	kW	60	55.4
Emission standard		Stage IIIA/Tier 3	Stage IV/Tier 4f
Emission control system		-	DPF
Fuel tank	l	75	75



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 500 E



also available as trailer version

Designation		SP 500 E
Weight	kg	2,950
Performance		
Pump kit		P1015
Delivery cylinders	mm	150 x 1,000
Concrete output max.	m³/h	35
Pressure on concrete max.	bar	76
Stroke rate max.	1/min.	32
Concrete valve		L-ROCK
Hydraulic system		
Design		open system
Hydraulic tank	l	190
Motor		
Motor		Electro
Engine output	kW	55
Frequency	Hz	50
Efficiency class		IE 3



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 750 D



Designation		SP 750 D	
Weight	kg	3,000	3,400
Performance			
Pump kit		P1015	P1018
Delivery cylinders	mm	150 x 1,000	180 x 1,000
Concrete output max.	m³/h	38	54
Pressure on concrete max.	bar	76	76
Stroke rate max.	1/min.	35	35
Concrete valve		L-ROCK	L-ROCK
Hydraulic system			
Design		open system	
Hydraulic tank	l	265	
Motor			
Motor		Diesel CAT C4.4T	Diesel CAT C3.4B TA
Engine output	kW	75	75
Emission standard		Stage IIIA/Tier 3	Stage IV/Tier 4f
Emission control system		-	DPF
Fuel tank	l	75	75



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 750 E



also available as trailer version

Designation		SP 750 E	
Weight	kg	3,000	3,400
Performance			
Pump kit		P1015	P1018
Delivery cylinders	mm	150 x 1,000	180 x 1,000
Concrete output max.	m³/h	38	54
Pressure on concrete max.	bar	76	76
Stroke rate max.	1/min.	35	35
Concrete valve		L-ROCK	L-ROCK
Hydraulic system			
Design		open system	
Hydraulic tank	l	265	
Motor			
Motor		Electro	
Engine output	kW	55	
Frequency	Hz	50	
Efficiency class		IE 3	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 1800 D



Designation		SP 1800 D	
Weight	kg	5,000	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	73	42
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	24	14
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel Deutz BF4M 1013EC	Diesel Deutz TCD2013 L04
Engine output	kW	115	126
Emission standard		Stage II/Tier 2	Stage IIIA/Tier 3
Emission control system		-	
Fuel tank	l	250	250



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 1800 D



Designation		SP 1800 D	
Weight	kg	5,400	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	73	42
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	24	14
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel CAT C4.4	
Engine output	kW	129	
Emission standard		Stage IIIB/Tier 4i	
Emission control system		DPF	
Fuel tank	l	250	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 1800 E



Designation		SP 1800 E	
Weight	kg	5,200	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	73	42
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	24	14
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Electro	Electro
Engine output	kW	90	108
Frequency	Hz	50	60
Efficiency class		IE 3	IE 3



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 1800 D Crawler



Designation		SP 1800 D Crawler	
Weight	kg	6,700	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	73	42
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	24	14
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel CAT C4.4	
Engine output	kW	129	
Emission standard		Stage IIIB/Tier 4i	
Emission control system		DPF	
Fuel tank	l	250	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 2800 D



Designation		SP 2800 D	
Weight	kg	5,200	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	101	58
Pressure on concrete	bar	60	108
Stroke rate max.	1/min.	33	19
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel Deutz BF6L 914C	Diesel Deutz TCD2012 L06
Engine output	kW	132	147
Emission standard		Stage II/Tier 2	Stage IIIA/Tier 3
Emission control system		-	-
Fuel tank	l	250	250



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 2800 D



Designation		SP 2800 D	
Weight	kg	5,700	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	101	58
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	33	19
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel CAT C7.1	
Engine output	kW	151	
Emission standard		Stage IIIB/Tier 4i	
Emission control system		DPF	
Fuel tank	l	250	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously. DPF: Diesel particulate filter; SCR: selective catalytic reduction

SP 2800 E



Designation		SP 2800 E	
Weight	kg	5,500	
Performance		rod-sided piston-sided	
Pump kit		P1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	101	58
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	33	19
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Electro	Electro
Engine output	kW	132	145
Frequency	Hz	50	60
Efficiency class		IE 3	IE 3



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 2800 D Crawler



Designation		SP 2800 D Crawler	
Weight	kg	7,800	
Performance		rod-sided piston-sided	
Pump kit		1620	
Delivery cylinders	mm	200 x 1,600	
Concrete output max.	m³/h	101	58
Pressure on concrete max.	bar	60	108
Stroke rate max.	1/min.	33	19
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system	
Hydraulic tank	l	400	
Motor			
Motor		Diesel CAT C7.1	
Engine output	kW	151	
Emission standard		Stage IIIB/Tier 4i	
Emission control system		DPF	
Fuel tank	l	250	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously. DPF: Diesel particulate filter; SCR: selective catalytic reduction

SP 3800 D



Designation		SP 3800 D	
Weight	kg	8,300	8,000
Performance		rod-sided piston-sided	
Pump kit		P2020	
Delivery cylinders	mm	200 x 2,000	
Concrete output max.	m³/h	95	62
Pressure on concrete max.	bar	102	162
Stroke rate max.	1/min.	25	17
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system, dual-circuit hydraulics	
Hydraulic tank	l	700	
Motor			
Motor		Diesel CAT C7.1	Diesel CAT C7.1
Engine output	kW	205	205
Emission standard		Stage IIIA/Tier 3	Stage IV/Tier 4f
Emission control system		-	DPF + SCR
Fuel tank	l	400	400



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously. DPF: Diesel particulate filter; SCR: selective catalytic reduction

SP 3800 E



Designation		SP 3800 E	
Weight	kg	8,500	
Performance		rod-sided piston-sided	
Pump kit		P2020	
Delivery cylinders	mm	200 x 2,000	
Concrete output max.	m³/h	92	60
Pressure on concrete max.	bar	102	162
Stroke rate max.	1/min.	24	16
Concrete valve		L-ROCK	
Hydraulic system			
Design		open system, dual-circuit hydraulics	
Hydraulic tank	l	700	
Motor			
Motor		Electro	Electro
Engine output	kW	200	240
Frequency	Hz	50	60
Efficiency class		IE 3	IE 3



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 4800 D



Designation		SP 4800 D			
Weight	kg	8,800		8,900	
Performance		rod-sided piston-sided		rod-sided piston-sided	
Pump kit		P2020		P2018	
Delivery cylinders	mm	200 x 2,000		180 x 2,000	
Concrete output max.	m³/h	95	62	67	44
Pressure on concrete max.	bar	102	162	156	243
Stroke rate max.	1/min.	25	17	22	14
Concrete valve		L-ROCK		HP-ROCK	
Hydraulic system					
Design		open system, dual-circuit hydraulics			
Hydraulic tank	l	700			
Motor					
Motor		Diesel CAT C9			
Engine output	kW	280			
Emission standard		Stage IIIA/Tier 3			
Emission control system		-			
Fuel tank	l	400			



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 4800 D



Designation		SP 4800 D			
Weight	kg	9,300		9,400	
Performance		rod-sided piston-sided		rod-sided piston-sided	
Pump kit		P2020		P2018	
Delivery cylinders	mm	200 x 2,000		180 x 2,000	
Concrete output max.	m³/h	95	62	67	44
Pressure on concrete max.	bar	102	162	156	243
Stroke rate max.	1/min.	25	17	22	14
Concrete valve		L-ROCK		HP-ROCK	
Hydraulic system					
Design		open system, dual-circuit hydraulics			
Hydraulic tank	l	700			
Motor					
Motor		Diesel CAT C9.3			
Engine output	kW	298			
Emission standard		Stage IV/Tier 4f			
Emission control system		DPF + SCR			
Fuel tank	l	400			



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 4800 E



Designation		SP 4800 E			
Weight	kg	9,100		9,200	
Performance		rod-sided piston-sided		rod-sided piston-sided	
Pump kit		P2020		P2018	
Delivery cylinders	mm	200 x 2,000		180 x 2,000	
Concrete output max.	m³/h	95	62	67	44
Pressure on concrete max.	bar	102	162	156	243
Stroke rate max.	1/min.	25	17	22	14
Concrete valve		L-ROCK		HP-ROCK	
Hydraulic system					
Design		open system, dual-circuit hydraulics			
Hydraulic tank	l	700			
Motor					
Motor		Electro			
Engine output	kW	250			
Frequency	Hz	50			
Efficiency class		IE 3			



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 8800 D



Designation		SP 8800 D			
Weight	kg	10,500		11,000	
Performance		rod-sided piston-sided		rod-sided piston-sided	
Pump kit		P2020		P2018	
Delivery cylinders	mm	200 x 2,000		180 x 2,000	
Concrete output max.	m³/h	116	77	94	63
Pressure on concrete max.	bar	104	163	147	243
Stroke rate max.	1/min.	31	21	31	21
Concrete valve		HP-ROCK		HP-ROCK	
Hydraulic system					
Design		open system, dual-circuit hydraulics			
Hydraulic tank	l	1,000			
Motor					
Motor		Diesel Deutz TCD2015 V08		Diesel CAT C18	
Engine output	kW	440		470	
Emission standard		Stage IIIA/Tier 3		Stage IIIA/Tier 4f	
Emission control system		-		DPF + SCR	
Fuel tank	l	640		660	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 8800 E



Designation		SP 8800 E	
Weight	kg	11,900	12,000
Performance		rod-sided piston-sided	rod-sided piston-sided
Pump kit		P2020	P2018
Delivery cylinders	mm	200 x 2,000	180 x 2,000
Concrete output max.	m³/h	116 77	91 60
Pressure on concrete max.	bar	104 163	156 243
Stroke rate max.	1/min.	31 21	30 20
Concrete valve		HP-ROCK	HP-ROCK
Hydraulic system			
Design		open system, dual-circuit hydraulics	
Hydraulic tank	l	1,000	
Motor			
Motor		Electro	
Engine output	kW	2 x 200	
Frequency	Hz	50	
Efficiency class		IE 3	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 8800 D Container



Designation		SP 8800 D Container	
Weight	kg	13,500	13,600
Performance		rod-sided piston-sided	rod-sided piston-sided
Pump kit		P2020	P2018
Delivery cylinders	mm	200 x 2,000	180 x 2,000
Concrete output max.	m³/h	116 77	91 60
Pressure on concrete max.	bar	104 163	156 243
Stroke rate max.	1/min.	31 21	30 20
Concrete valve		HP-ROCK	HP-ROCK
Hydraulic system			
Design		open system, dual-circuit hydraulics	
Hydraulic tank	l	1,500	
Motor			
Motor		Diesel CAT C18	
Engine output	kW	470	
Emission standard		Stage IIIA/Tier 3	
Emission control system		-	
Fuel tank	l	1,000	



Performance specifications are maximum theoretical values.
Maximum concrete output and maximum pressure on concrete cannot be achieved simultaneously.

SP 8800 E Container



Designation		SP 8800 E Container			
Weight	kg	13,500		13,600	
Performance		rod-sided piston-sided		rod-sided piston-sided	
Pump kit		P2020		P2018	
Delivery cylinders	mm	200 x 2,000		180 x 2,000	
Concrete output max.	m³/h	116	77	91	60
Pressure on concrete max.	bar	104	163	156	243
Stroke rate max.	1/min.	31	21	30	20
Concrete valve		HP-ROCK		HP-ROCK	
Hydraulic system					
Design		open system, dual-circuit hydraulics			
Hydraulic tank	l	1,500			
Motor					
Motor		Electro			
Engine output	kW	2 x 200			
Frequency	Hz	50			
Efficiency class		IE 3			



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The exact standard specification, the scope of delivery and the technical data are detailed in the offer.