



SCHWING

Portable Concrete Pump

SP 4800

With respect to its performance, the SP 4800 can be rated as "elevated middle class". SCHWING portable concrete pumps are used when top performance is required, big quantities of concrete are placed within a short time, pumping heights and / or distances are extreme, and when concrete recipes are difficult (sizing, grading curve, water-cement ratio, ultrafines).

Preferred applications in building construction, construction engineering and civil engineering are, for example, high-rise buildings, power stations, tunnels etc.

Features:

- Depending upon the request of the customer, the appropriate machine can be set up from the following modular components to suit any application:

- Powerful water-cooled Deutz diesel engines or electric drives.
- DN 180 and DN 200 pumping cylinders with 2 m long piston stroke.
- The soft-push controlled open-circuit hydrostatic drives stand out for softly pushing the concrete column in the delivery line and smoothly changing over without any pressure peaks. This ensures

especially smooth running and satisfactorily long life.

- For the valve systems, the Rock valve, having been in worldwide successful use for many years and patented in almost all industrial countries, sets an example to delivery properties, wear behaviour and reliability in service. The HP version is designed for a maximum concrete pressure of 243 bar.

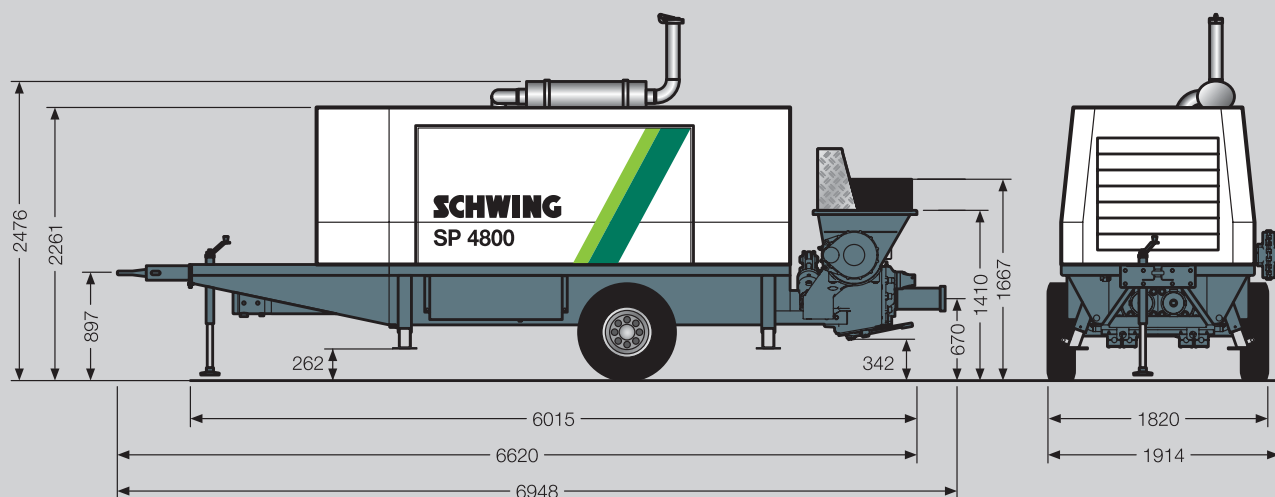


Technical data

		SP 4800	SP 4800	SP 4800
Concrete pump assembly	mm	180 / 150	180 / 150	200 / 150
Technical parameter		5000	8250	8250
Engine / motor capacity	kW	E200	D330	D330
Nominal speed	min ⁻¹	1500	2100	2100
Pumping cylinder Ø x stroke	mm	180 x 2000	180 x 2000	200 x 2000
Stroke volume, 2 cylinders	l	50,89	50,89	62,83
Diff. cylinder Ø x stroke	mm	150 / 90 x 2000	150 / 90 x 2000	150 / 90 x 2000
Diff. cylinder drive*		p / r	p / r	p / r
Max. number of strokes per min.		14 / 21	14 / 21	14 / 21
Max. theor. concrete output	m ³ /h	43 / 66	43 / 66	53 / 81
Max. concrete pressure	bar	243 / 156	243 / 156	163 / 104
Capacity of charging hopper	l	600	600	600
Dead weight (incl. oil)	kg	8000	8000	8000
Delivery line up to DN	mm	150	150	150

* p = piston side, r = rod side

Dimensions in mm



SCHWING

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Subject to modifications in the interest of technical progress. The exact standard scope of delivery is detailed in the offer.