

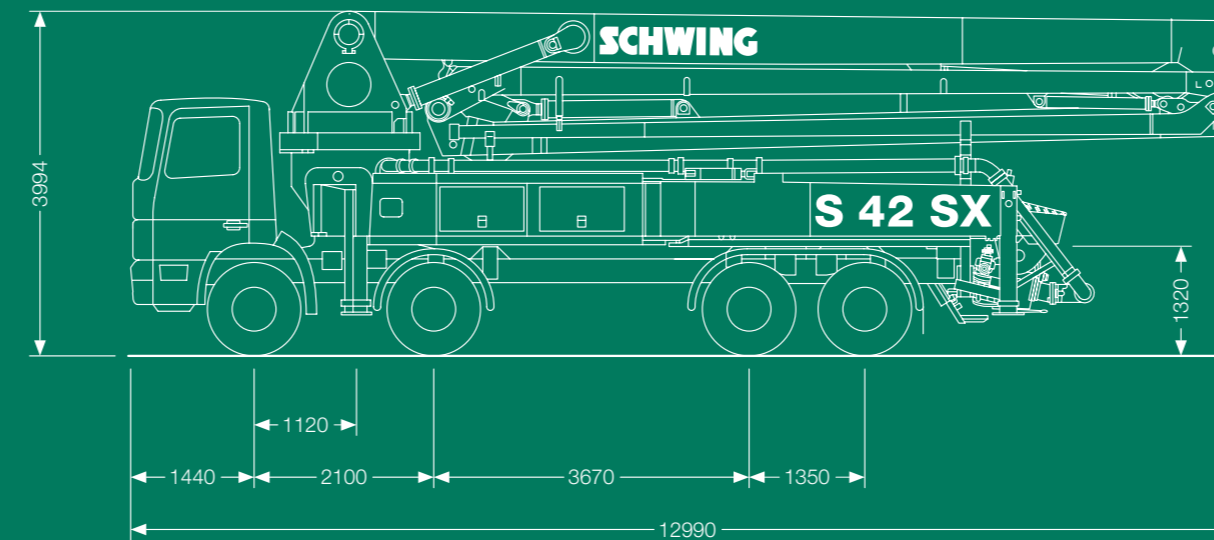
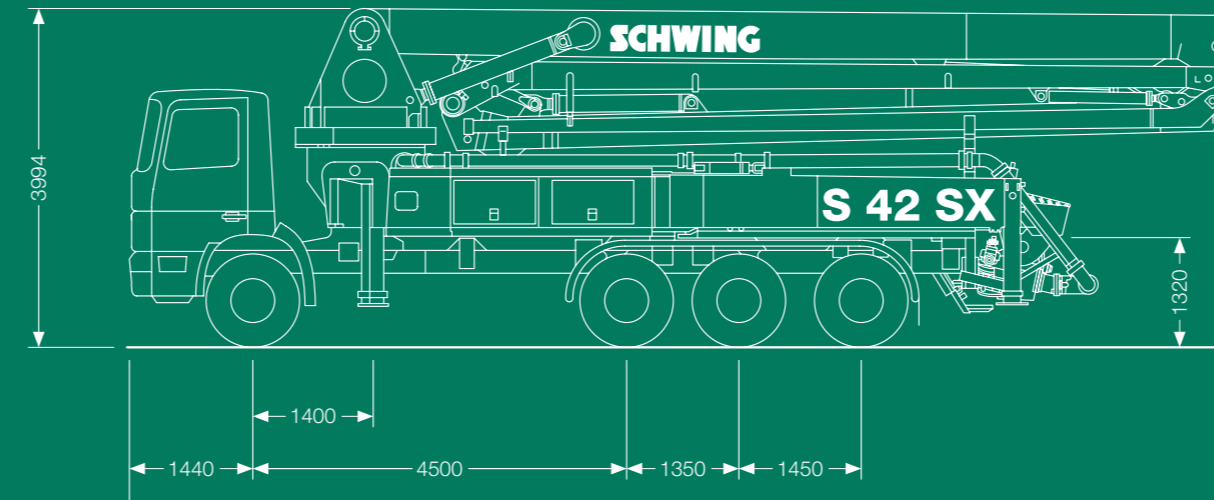
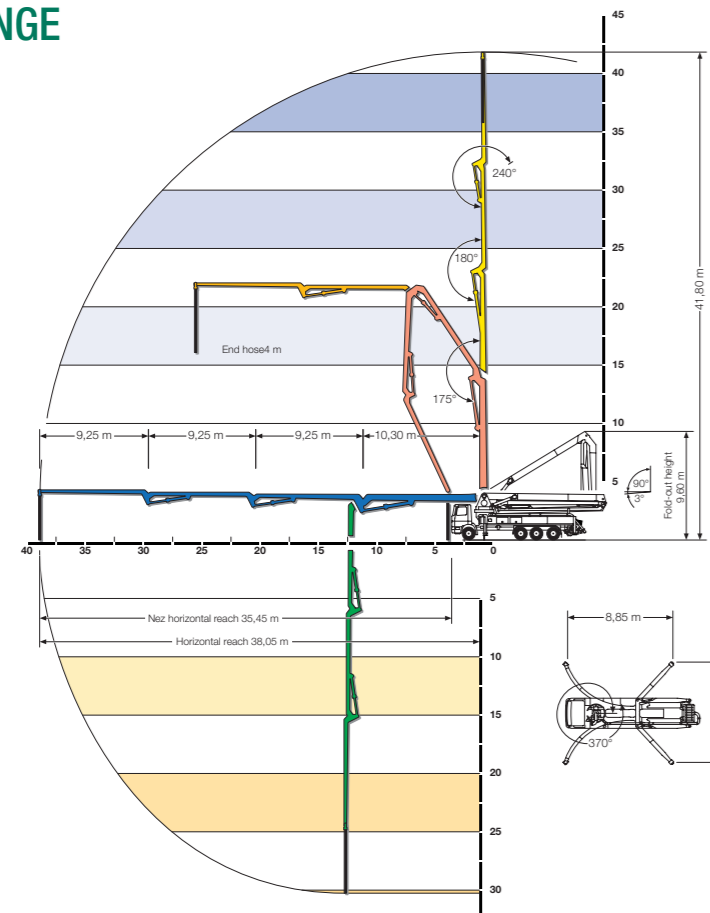
TECHNICAL DATA

Pump battery		P 2023	P 2025	P 2525
Max. theor. output	m³/h	164	163	164
Max. number of strokes	min.	32	27	22
Max. concrete pressure	bar	85	85	85

Placing boom		42 R
Delivery line diameter		DN 125
Length of end hose	m	4,0
Vertical reach	m	41,8
Horizontal reach	m	38,1
Number of articulations		4
Height of articulations	m	14,5 / 23,7 / 32,9
Slewing range		370°
Outrigger load, front	kN	240
Outrigger load, rear	kN	220

WORKING RANGE

S 42 S X



TRUCK-MOUNTED CONCRETE PUMP S 42 SX



SCHWING-STETTER MOVES CONCRETE. WORLDWIDE.

Wherever concrete is produced and moved is where you will find Schwing-Stetter machinery.

With plants in Germany, Austria, USA, Brazil, Russia, China and India as well as with more than 100 sales and service facilities, the group of companies is always close to the customer.

Our wide range of products with something for every application is what makes Schwing-Stetter the No. 1 system supplier for concrete machinery worldwide.



SCHWING GMBH
P.O. Box 20 03 62 · D-44647 Herne / Germany
Phone (0) 23 25 / 9 87-0 · Fax (0) 23 25 / 7 29 22
www.schwing.de · info@schwing.de

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

10311060/2000/04/10SK



SCHWING TRUCK-MOUNTED CONCRETE PUMP S 42 SX

THE CLASSIC MEETING THE DEMAND OF THE FUTURE

This truck-mounted concrete pump is a classic that meets the demands of today and tomorrow.

In long-boom truck-mounted concrete pumps, the right relationship between load moment, operating weight and outrigger spread are the decisive factors for the machine's footprint on the construction site. Unlike ordinary pumps, the S 42 SX is equipped with the advanced SCHWING SX outrigger system instead of awkward multiple-telescoping or folding outriggers.

The one-piece front outriggers extend along an arc and can fit into even the smallest gaps thanks to their low height. Unlike folding and telescope designs, the generously proportioned holding boxes transfer the supporting forces to the substructure of the machine with virtually no play. The orderly deck area also provides lots of space for accessories.

As the holding boxes for the curved outriggers do not cross, the middle of the base frame is free. This enables mounting of a pump kit with a stroke length of 2.50 m. These large pump units minimize your wear and energy costs, because 23 % fewer strokes are required compared to shorter pump kits.

Plus, the SCHWING long-stroke pump kit cuts energy consumption and friction resistance further by using smaller reductions between the material cylinder and the valve system. This makes for significantly less wear. Together with the Rock Valve system and the open hydraulic circuit, this means higher energy efficiency and greater economy of SCHWING concrete pumps.

The space in the middle of the base frame additionally means that all hydraulic pumps and hoses are easily accessible for easy maintenance.

Additionally, the pivot point for the rear outriggers is above the first rear axle - and thus farther from the front outriggers than on other truck-mounted concrete pumps in this class. This means that the machine is particularly steady during pumping.

All outrigger cylinders operate inside a square tube system, so that the cylinders and their piston rods are protected against mechanical damage and are not exposed to any buckling forces.

This Roll and Fold boom lets the operator pour concrete from the maximum working range right up to the cab bumper.

The Roll and Fold configuration demonstrates its advantage when concreting is done.

The end hose is caught automatically when the boom is folded. It is not necessary to extend the boom, as in conventional Z-folding systems.



Unlike ordinary concrete pumps the S 42 SX does not need complicated Telescopic or folding outriggers. The SX system allows for rapid and space saving deployment.



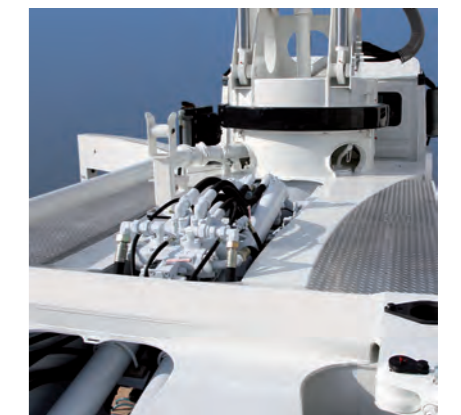
The torsion resistant frame and the far in the rear lying pivot joint assure that the outriggers safely transfer the forces into the ground - the result is outstanding stability.



The spacious design of the turret allows good accessibility to the pipeline.



All outrigger cylinders operate in a protective Tube system, so the the cylinders and the piston rods are protected against mechanical damage.



The SX outriggers allow the placement of a long stroke pump kit. This ensures high economy and outstanding fuel efficiency.