

Truck Mounted Concrete Pump

S 43



SCHWING S 43 - India's largest boom on a 4 axle truck

SCHWING redefines standards in the 40 m class with its S 43 truck-mounted concrete pump. The combination of a 5-section R-Z placing boom, space-saving curved outriggers in connection with a consistently lightweight design makes this machine a universal and flexible long-boom pump – both for medium-sized operations in downtown urban areas and on large construction sites.

With an overall length of less than 12 m on a standard chassis this compact boom package does not extend beyond the machines outlet. Only SCHWING makes concrete pumps with a Z-fold where it gives the greatest benefit: at the last boom section. The fifth element of the boom has a 270° knuckle. This is the only configuration that guarantees maximum flexibility and a large reach with excellent slip and threading properties at the same time.



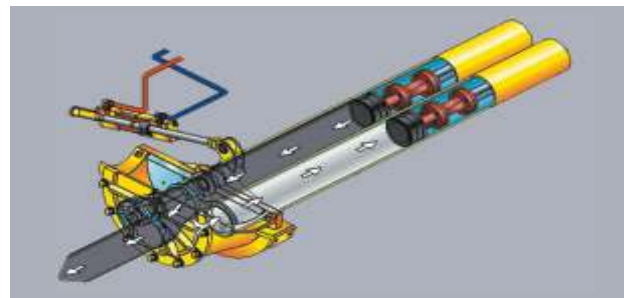
S 43 - Special Features



The available space in the main frame allows easy accessibility to the hydraulic components and hoses and reduces weight.



The radio remote control with its intuitive keys and warning systems helps operators to quickly learn to operate the pump.



The rock valve combines with the open hydraulic circuit reduces operating costs while enabling concrete pumping of higher pressures.

The repeated filtering and cooling due to the open hydraulic circuit reduces heat generation and component wear saving money in the long run.

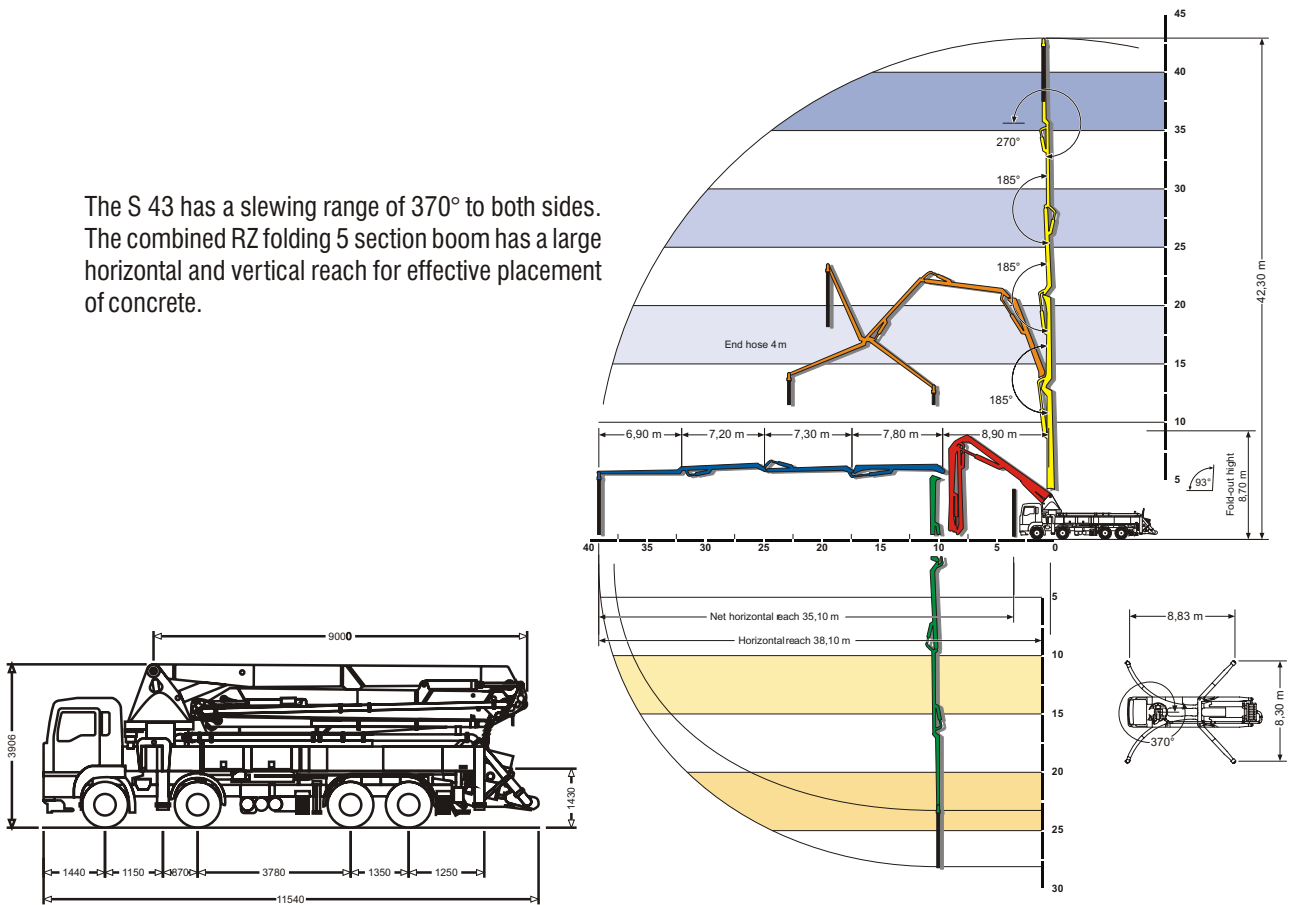


Only the SX outriggers allow enough room to install a long stroke pump kit. That means less change overs and less wear for better economy.



The operator can check all operating pressures with one glance. Compressor, water system, and maintenance switch for the piston change mode are within easy reach.

The S 43 has a slewing range of 370° to both sides. The combined RZ folding 5 section boom has a large horizontal and vertical reach for effective placement of concrete.









S 43 - Technical Data

Pump battery		P 2023	P 2025	P 2525
Max. theor. output	m ³ /h	164	163	164
Max. number of strokes	min.	32	27	22
Max. concrete pressure	bar	85	85	85
Placing boom		43 RZ		
Delivery line diameter		DN 125		
Length of end hose	m	4,0		
Vertical reach	m	42,3		
Horizontal reach	m	38,1		
Number of articulations		5		
Height of articulations	m	4,16 / 13,05 / 20,80 / 28,11		
Slewing range		2 x 370°		
Outrigger load, front	kN	240		
Outrigger load, rear	kN	230		

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An ISO 9001 : 2008 Company

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