

S 39 SX

Truck mounted concrete pump



MADE IN GERMANY
by SCHWING-Stetter

Vertical reach	38.1 m
Concrete output	max 162.0 m ³ /h
Pressure on concrete	max 85.0 bar
Curb weight	< 26.0 t

engineering future.

A new kind of flexibility

The S 39 SX from SCHWING redefines flexibility in the 30 metre class. The modern boom combines a large opening angle with the easy-to-operate Roll-Z-folding and thus offers unique mobility in use. No restrictions on service life and reliability either: the S 39 SX dispenses with experimental design and still achieves an operational weight of less than 26 t. More flexibility with the same high value retention.



Open hydraulic system

The open hydraulic system of the S 39 SX is designed to convert the engine power into pump power efficiently and with minimal loss. This means that the usual flow rates in practice can be achieved at a fuel-efficient engine speed of just over 1,000 rpm.



SX-support

The single section SX outriggers developed by SCHWING combine high torsional rigidity and excellent stability with minimum space requirement and low support forces.



Big hopper

The optionally available oversized hopper makes it even easier to feed concrete from two mixer trucks positioned at 90° to each other. Even more effective pumping when space permits.



Boom

The boom is easy to operate even in demanding situations thanks to the large opening angles of its boom elements and the Roll-Z-folding, making it the ideal tool for pumping operations in halls or for threading into buildings. The boom can be positioned more quickly thanks to the 2 × 365° swivelling range of the turret.



High resolution colour display: VECTOR II Control

The machine operator can inspect machine data, operating conditions and settings on S 39 SX, changing various parameters, all through the intuitive VECTOR II control. The integrated diagnostic system ensures safe operation and also reminds the operator when maintenance is necessary.



Pumpkit

The SX-support from SCHWING allows the use of the P2023 pump battery with 2.00 m long pumping cylinders on a 3-axle chassis in this machine class. The long-stroke pump battery P2525 with 2.50 m long pumping cylinders is available on 4-axle chassis.



Concrete valve

Thanks to its intelligent design, the ROCK valve suffers significantly less wear and tear than other concrete valves. It is also quick to clean and is demonstrably easier to maintain. The advantages for the S 39 SX: shorter servicing times, higher machine uptime and lower maintenance costs.



Remote control SC 30

The ergonomic design and low weight of the SC 30 make it possible to work for long periods without tiring and with a high level of concentration. The powerful batteries guarantee an operating time of at least 8 hours.



Supply control

The water box can be filled and emptied, and the water pump, agitator, spray hose, high pressure cleaner and compressor, all controlled via the standardised supply control. This is the standard for all SCHWING truck-mounted concrete pumps for greater clarity and ease of operation..

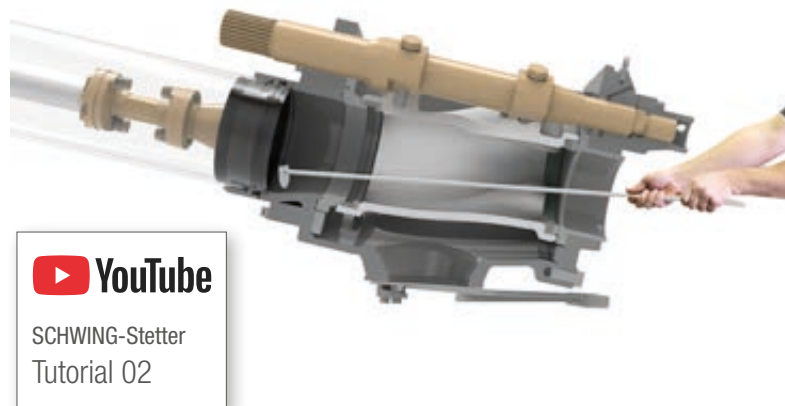


Advantages and benefits in detail

The ROCK. Extremely robust.

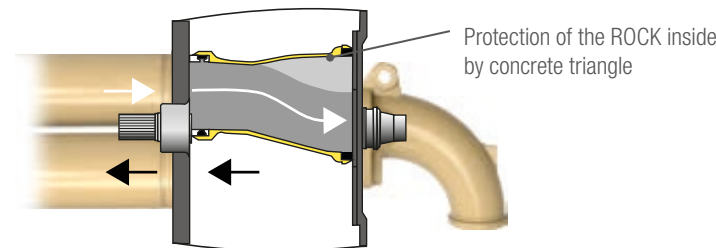
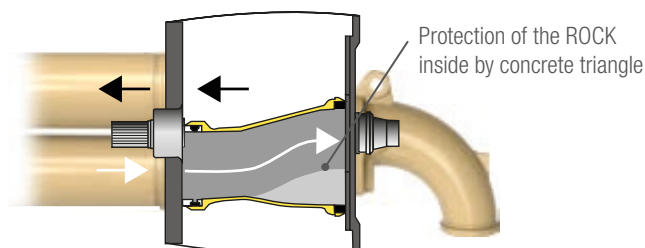
Clean faster with less water.

Due to its straight design, in comparison to other concrete valves, the ROCK valve is easier and quicker to clean. It also provides a direct view of the pumping pistons in the delivery cylinder. The pump kit can therefore be cleaned easily and conveniently within just two strokes. This saves water and reduces the time needed for cleaning



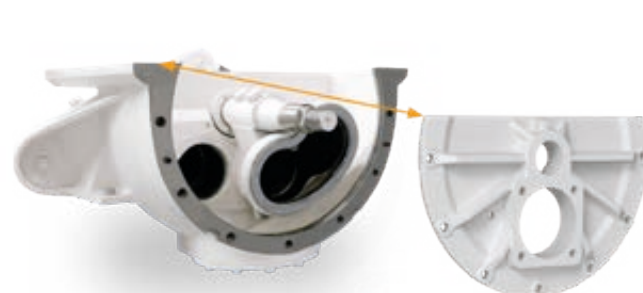
Intelligent wear protection.

The wear in the concrete valve is particularly high as the concrete is fed into the outlet at high pressure. In order to minimize this wear, at the most heavily loaded point of the ROCK concrete does not rub on steel, but rather on concrete. This is because the intelligent design of the ROCK leads to the formation of a concrete triangle after each shift. Protected by this concrete layer, the ROCK has a significantly longer service life than other concrete valves. For noticeably more profit per m³.



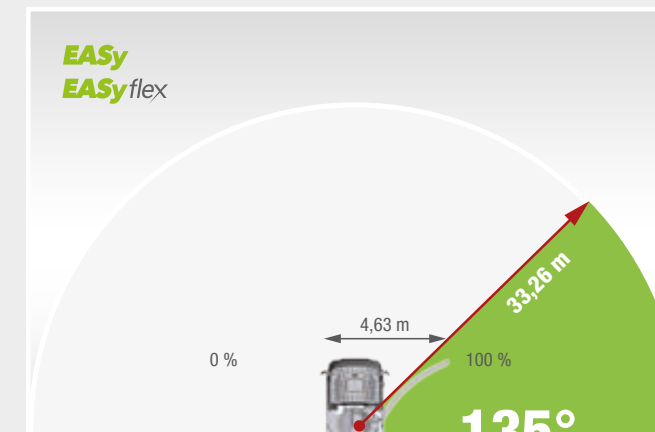
Easy maintenance.

The ROCK valve not only has a significantly longer service life than other concrete valves, it is also easier to maintain. After removing the housing cover, the wear parts are easily accessible and can be replaced quickly and safely. Time-consuming adjustment work is not required after replacement. The ROCK valve's 15 wearing parts is only half the number used in other concrete valves. The maintenance of the ROCK valve: simple, fast and safe.



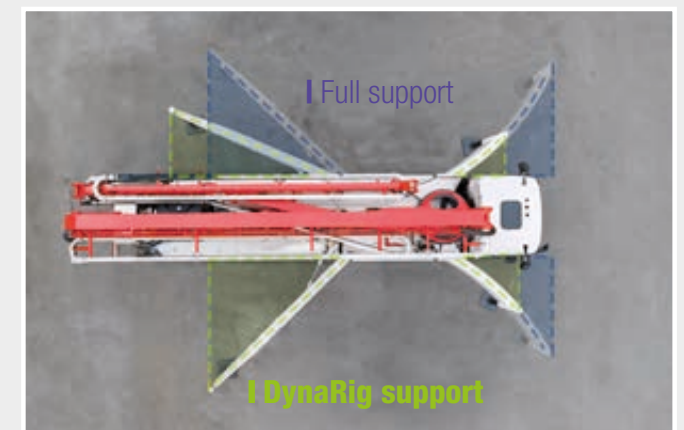
Easy and safe to support

EASy and EASyflex



The EASy and EASyflex support systems expand the range of applications of the S 39 SX. EASy can be used to safely support the concrete pump on one side when needed. EASyflex offers further support combinations, providing even more flexibility on the construction site.

DynaRig support



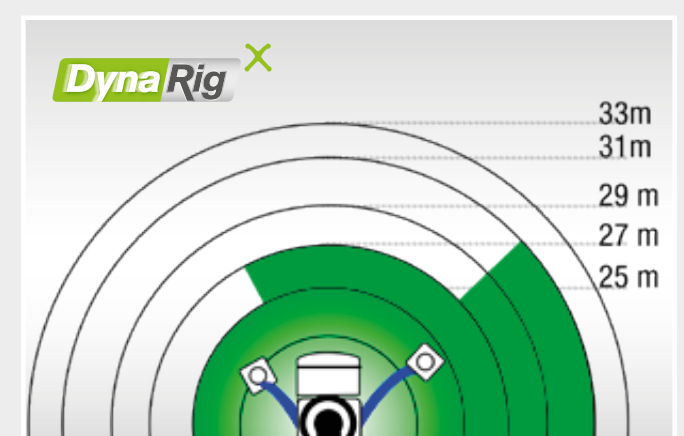
The optional **DynaRig** outrigger system available for the S 39 SX offers complete flexibility with maximum safety and a small space requirement. It tests, within the physical system limits, which maximum range is possible with the outriggers in their current position.

SC 50 with DynaRig



With the SC 50, the advantages of the **DynaRig** support system can now also be displayed and operated directly on the remote control's brilliant colour display. Maximum safety with absolute comfort.

Intuitive operation



The modern screen of the **DynaRig** outrigger system displays all important functions at a glance. This makes it easy and intuitive to see the maximum reach of the mast in each section. In addition, it conveniently shows the ideal way to drive the mast in borderline situations

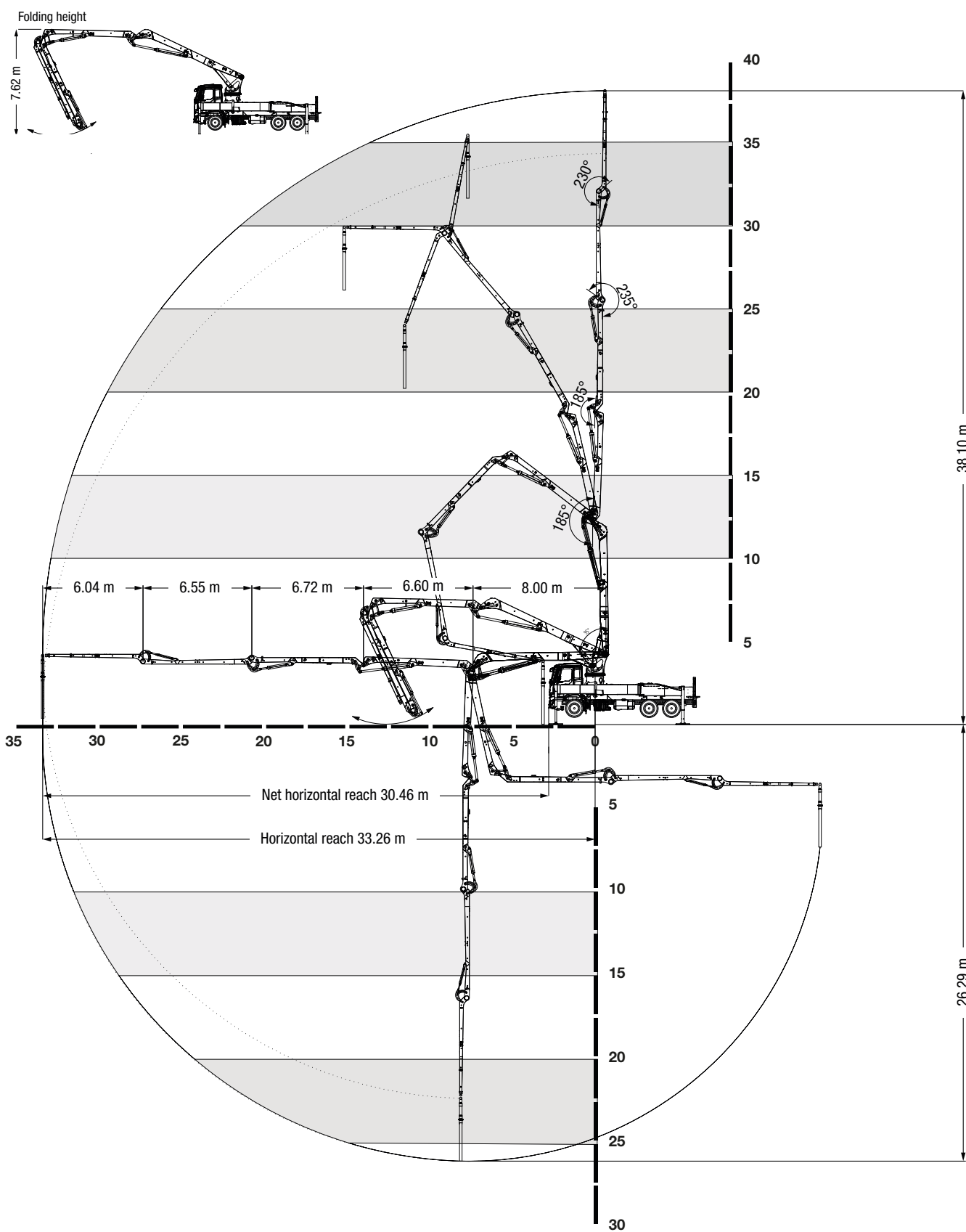
Technical Data

Performance				
Pumpkit		P2023-110/75	P2023-110/75	P2525-120/85*
Drive	l/min	535	636	636
Delivery cylinders	mm	230 × 2.000	230 × 2.000	250 × 2.500
Concrete output max.	m³/h	136	161	162
Pressure on concrete max.	bar	85	85	85
Stroke rate max.	1/min.	27	32	22
Concrete valve		M-ROCK (option: B-ROCK)	M-ROCK (option: B-ROCK)	B-ROCK
Hydraulic system				
Design		open system		
Hydraulic tank	l	420		
Boom		39 RZ		
Delivery line		DN 125		
Length of end hose	m	3.00 with end hose DN 125 / 3.50 (1.00 + 2.50) with end hose DN 112		
Vertical reach	m	38.10		
Reach depth	m	26.29		
Horizontal reach	m	33.26		
Net horizontal reach	m	30.46 (from front of chassis)		
Number of boom sections		5		
Height of the inflexion points (supported)	m	4.19 / 12.13 / 18.79 / 25.51 / 32.06		
Slewing range		2 × 365°		
Folding height	m	7.62		
Support				
Outrigger width, front	m	6.95		
Outrigger width, rear	m	7.30		
Outrigger load, front	kN	195	195*	
Outrigger load, rear	kN	195	205*	
Chassis (examples**)		MB Arocs 2840	MB Arocs 3240	MB Arocs 3240
Axles configuration		6 × 4	8 × 4	8 × 4
Wheelbase	mm	4,500	4,550	5,150*
Length	mm	10,780/10,740	10,730/10,690	11,330 /11,290

The diagram illustrates the MB Arocs 39 RZ concrete pump truck in its fully extended position. The boom is shown with a slewing range of ±365°. The outrigger load capacity is indicated as 195 kN / 205 kN. The dimensions of the outrigger spread are 6.95 m (front) and 7.30 m (rear). The distance between the outriggers is 2.36 m (front) and 5.28 m (rear).

* Only in combination with long base frame
** Can be fitted to other chassis

Working range





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[instagram.com](https://www.instagram.com)



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SCHWING concrete pumps. Efficiency as standard.



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