

TRUCK-MOUNTED CONCRETE PUMP S 20



SCHWING TRUCK MOUNTED CONCRETE PUMP S 20

THE HIGHLY MANOUEVERABLE PUMP IN THE CITY CLASS

With the S 20, SCHWING is extending its product range of truck mounted concrete pumps into the city class. Thanks to its front outrigger spread of 3.85 m and its vertical stabilization at the rear, this machine can be set up even in the tightest of urban spaces.

The four-section placing boom has an unfolding height of just 3.85 m. Its RZ-folding and huge articulation angles of 102° at the A joint and 270° at the C and D joints allow set up in working areas that conventional machines cannot reach.

This machine is equipped with a permanently attached 5 m long box on the left side of the vehicle as standard, capable of holding e.g. 100 m of DN 75 hose stored in plastic sleeves. An optional hose box can hold an additional 60 m of DN 75 hoses in 3 m segments.

The S 20 is built on chassis with a wheelbase of 4,200 mm and a gross vehicle weight of 15 to 18 t. As a result, this machine too can be used as a maneuverable, space-saving truck-mounted concrete pump for jobs in city centers, indoor and tunnel construction, housing construction and even as a line pump for refurbishment jobs.

The S 20 is also available as a line pump without boom, mounted on a 12 t chassis. Its compact wheelbase and rear outriggers that do not need to be extended horizontally enable working in narrow alleys, driveways or tunnels.

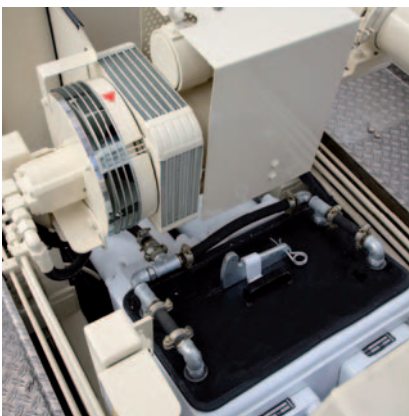


Permanently mounted hose boxes ensure convenient access to 100 m of hose up to DN 75 on the left side and 36 m of hose up to DN 100 on the right side.

The equipment capacity can be enhanced with an optional detachable 4 m long equipment box that accommodates an additional 96 m of hose. In all, this pump can transport around 260 m of hose when the construction site requires it. And of course, many other options are available for the S 20.

Equipped with a high-pressure pump and a Long Rock Valve, this machine can pump even difficult concrete grades over a distance of several hundred meters. Further advantages of the Rock Valve include high economy, low wear and exceptional dependability.

The water tank is available in either 400 or 800 liters. A wide range of options such as turnable outlet, concrete stop valve or compressor with air line means that you can equip your machine to optimally meet your specific requirements



The outstanding accessibility to the water box allow a fast and easy piston change. The integrated water box flushing system minimizes the daily cleaning procedure.



The 5,10 m long storage area is a standard feature and gives the operator the opportunity to carry extra equipment.



In the tunnel or the city - the hybrid technology of the S 20 allows quiet and emissions free operation.





The turnable outlet is an option that allows the operator to connect the pipes to both sides, expanding the scope of his applications.



Großzügige Zuladungsmöglichkeiten zeichnen diese City-Pumpe aus - optional sogar mit Boxen für 60 m Schläuche DN 75 von 3 m Länge.

TECHNICAL DATA

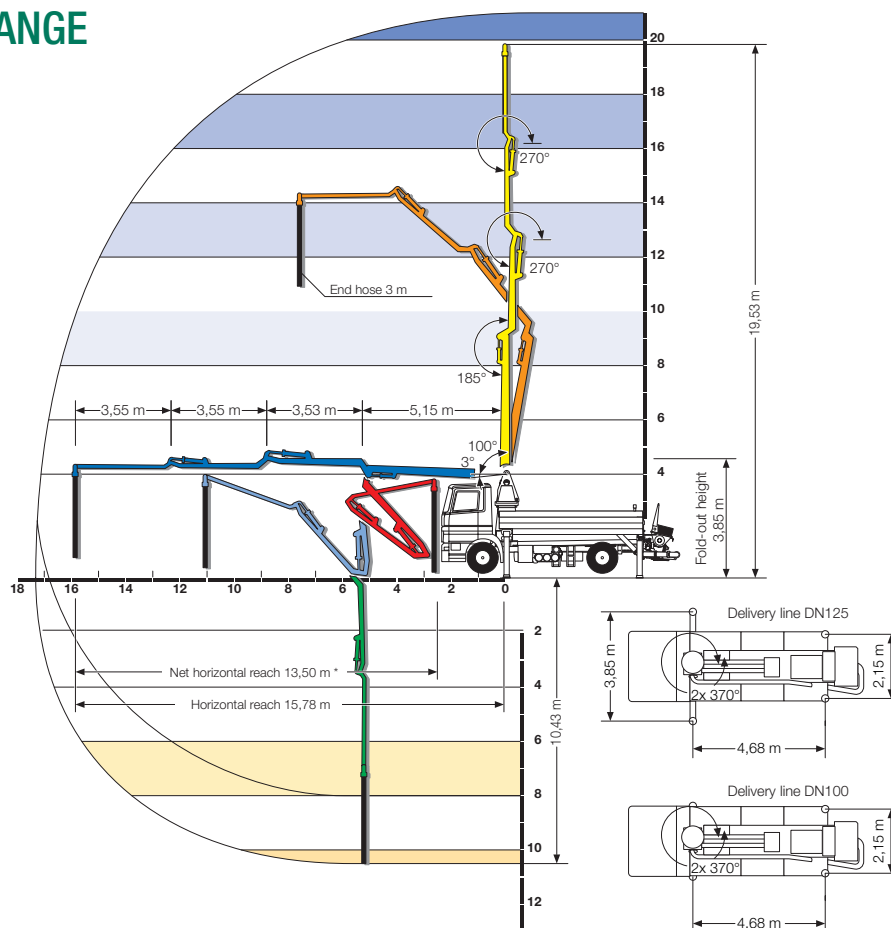
Pump battery		P 2020		P 2023
Hydraulic drive	l/min	320		380
Performance <i>K = piston sided , S = rod sided</i>		K	S	
Max. theor. output	m ³ /h	51	90	96
Max. number of strokes	min.	14	24	19
Max. concrete pressure	bar	126	70	85

Performance data is max. theoretical (Max. output and max. pressure cannot be achieved simultaneously.)

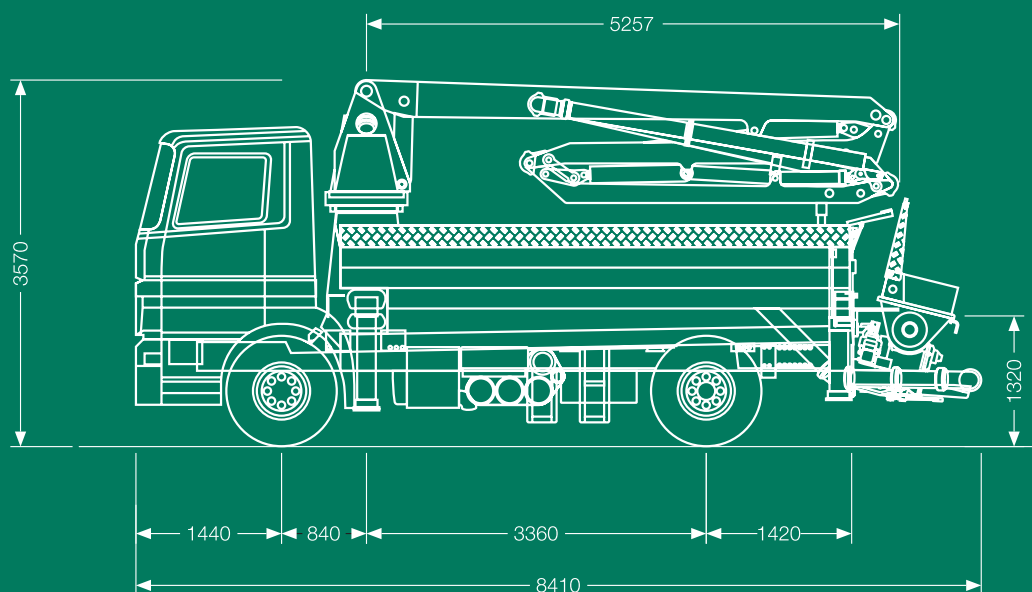
Placing boom		20 ZR
Delivery line diameter		DN 100 / DN 125
Length of end hose	m	3,0
Vertical reach	m	19,5
Horizontal reach	m	15,8
Number of articulations		4
Height of articulations	m	3,75 / 8,9 / 12,4 / 16,0
Slewing range		2 x 370°
Outrigger load, front	kN	110
Outrigger load, rear	kN	70

WORKING RANGE

S 20



* Built on MB chassis



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.



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interest of technical progress.
The exact standard scope of