



**SCHWING**  
**Stetter**

**Support width  
less than 2.50 m**  
with delivery line DN 100

# S 20

## Truck-mounted concrete pump



Vertical reach	19.5 m 64 ft
Concrete output	max. 111 m <sup>3</sup> /h
Pressure on concrete	max. 108 bar
Operating weight	18 t 39,700 lb

**Mercedes Benz Arocs 1833 4x2**



**RECORD BREAKING ENGINEERING**

# The truck-mounted concrete pump S 20

## Full operational capability under 18 tons

The smaller the truck-mounted concrete pump, the greater the variety of its uses. It can be downtown in the morning, in a new suburban area in the afternoon and in a production hall in the evening. With such diverse uses, the equipment and accessories required of such a taxi pump are also wide-ranging. At the same time it must be compact and flexible. Just as the S 20 from SCHWING is.

Mounted on a dual axle chassis, its operating weight with a full tank (290 l fuel, 400 l water and 60 l AdBlue/DEF) is only around 17.2 tons. With a permissible total weight of 18.0 tons, more than 800 kg is therefore available as a vehicle load capacity reserve. The S 20 thus combines a low operating weight with compact dimensions, while at the same time providing full operational capability. The pipeline DN 100 on the boom used for this equipment variant provides another key advantage due to its low weight: when placing concrete via the boom, the S 20 must only be supported vertically, even at the front. The machine is therefore only as wide as a truck-mixer whilst fully supported, which means that it can be used in locations that other concrete pumps just cannot be set up in. And when placing concrete next to traffic routes, the passing traffic is not disturbed by any extended outriggers.

The operational capability and flexibility of the S 20 is matched only by its outstanding efficiency, whether when placing concrete with the boom or when using hoses, as is more common in this machine class. Thanks to the open dual circuit hydraulic system with MPS, the ROCK valve switches over quickly and forcefully, even for low stroke rates or demanding concrete mixtures. The very low maintenance costs, the high resale value and the excellent fuel efficiency of the S 20 mean more profit per m<sup>3</sup> of pumped concrete. Useful options such as the rotating outlet and an additional storage box for hoses increase the efficiency and ease of operation even more.

The S 20 truck-mounted concrete pump from SCHWING. An investment that pays off.

### Weight balance

Description	Weight [kg]
Chassis frame incl. operator	7,100
Concrete pump unit	9,350
Diesel (290 l)	245
AdBlue / DEF (60 l)	65
Water (400 l)	400
Total weight*	17,160
Permissible total weight	18,000
Load capacity**(hoses, couplings, reductions, accessories, etc.)	840

\*Weight specifications when completely assembled / ready for operation according to DIN 70020, deviation +/- 5%

\*\*Weight example: hose DN 65 5.00 m = 25 kg; hose DN 65 3.00 m = 18 kg

### Chassis features

- Mercedes-benz Arocs 1833 4x2
- Motor OM470, R6, 10.7 l, 240 kW (326 PS), 1,700 Nm
- Emission stage: EURO 6
- Wheelbase 4,500 mm
- Weight variant 18.0 t (7.5 / 11.5)
- Tires 315/70 R22.5
- Aluminium fuel tank 290 l
- AdBlue / DEF tank 60 l
- M operator's cab
- ABS and ASR
- Mercedes Powershift 3
- Spare wheel

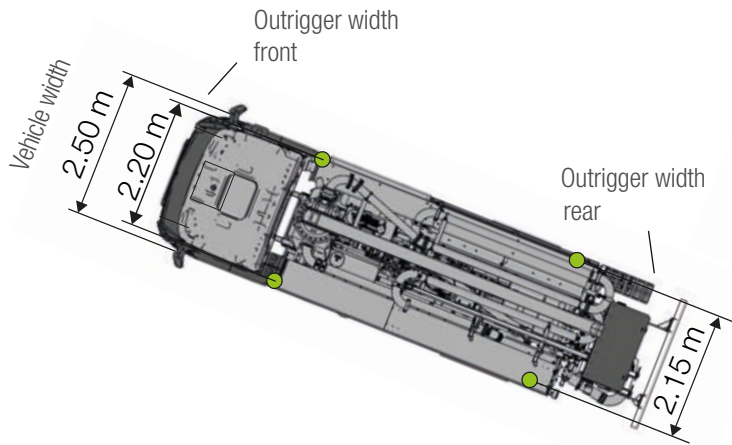
### Pump equipment

- S 20
- P2020-3-120/80 (hydr. drive 380l/min), 2-circuit hydraulics with MPS
- M-ROCK
- Super 2000 pipes DN 100
- Front/rear vertical outriggers
- Remote control SC 30
- Vibrator
- Water pump with hose reel
- Water tank 400 l
- Water tank filling through C-connection
- High-pressure cleaner with 14 m hose and automatic hose reel
- Concrete shut-off valve
- Lateral side protection, both sides
- Stowing box for 20 x DN 65 5.00 m and stowing box for 16 x DN 65 3.00 m
- Outlet DN 125
- Loading box for couplings



## Footprints

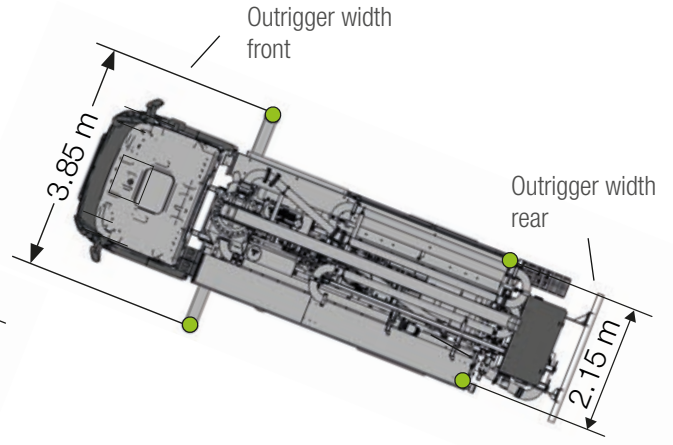
### Footprint with delivery line DN 100



Advantages of the S 20 with boom delivery line DN 100:

- Higher load capacity due to a lighter delivery line
- The support width is the same as the vehicle width because the front and rear outriggers are extended only vertically, which widens the possible applications.

### Footprint with delivery line DN 125



Advantages of the S 20 with boom delivery line DN 125:

- Reduced wear when pumping via the boom
- Simple pumping of concrete with a larger aggregate size

## Options



Rotating outlet  
(for pumping with hoses)



High pressure cleaner



5 m storage box on the left



3 m storage box on the right

# SCHWING-STETTER

## ALWAYS CLOSE TO YOU



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