



DATA SHEET

Schwing S 42 SX concrete pump mounted on Mercedes-Benz 4140 chassis

placing boom 42 R

compact 4-section placing boom in roll and fold design, made of fine grain steel with attached pipeline, resting on a slewable base column with fully hydraulic and telescopic outriggers. Operation of the boom by proportional remote control. Manual controls for set-up and take-down, cleaning, maintenance and repair works, only.

boom

type of boom:	42 R
number of articulations:	4
vertical reach:	41,80 mt
horizontal reach:	38,00 mt
slewing range:	370°

pumpkit

fitted with the Schwing rock valve with automatic adjustment of the cutting ring by means of a prestressed rubber spring. Easy access for cleaning and maintenance resulting in low wearing costs.

ready to operate concrete pump. Fully hydraulic concrete pump control system in the reliable open hydraulic circuit. Easy to operate and to maintain. Prime coat and finishing coat.

technical data

type:	P 2525-120/85
hydraulic drive max. V:	636 l / min.
theor. concrete output:	164 m ³ / h
diameter of pumping cylinders:	250 mm
piston stroke:	2.500 mm
max. number of strokes:	22 / min.
capacity of agitator hopper approx:	500 l
charging height approx.:	1.350 mm
drive system:	twin circuit hydraulic
MPS-accumulator:	included
valve system:	B-Rock
pump cylinder:	DN 250 chrome
electr. vibrator:	on hopper grate

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hopper cover: with incl. locking

pipeline

boom pipeline: Super 2000 DN 125
 pipeline outlet: Super 2000 DN 125
 outlet variants: DN180/180/150 long reducer
 end hose: 4 m DN 125

base frame

outrigger system: full – support
 outrigger pads: PE-pads

operating system

control system: *VECTOR*

the microcontroller based control system *VECTOR* used to convert the machine function in the mode local, remote and ramp change. The system offers next to an integrated diagnostic system a wide range of assistance to help and relieve the machine operator in the operation and maintenance of the concrete pump.

language control system: English
 remote control: *Schwing Control 30*

proportional remote control *Schwing Control 30* with 2 joysticks and display for metering general machine parameter. The *Schwing Control 30* can be used in wireless and cable linked mode.

scope of supply: 1 x transmitter with carrying strap, 1 x receiver, 2 x rechargeable batteries, 1 x battery recharger, 1 x 20 m cable for teach- and cable linked mode.

add cable for remote control: 1 connecting cable M12, 20 m
 horn tracer hopper area: on the right
 concrete output adjustment: 0 – max. standard

lighting

spot hopper area: at the hopper left

delivery system

watertank: 610 l rear center

water system: roller water pump
 water tank filling: c-connection series

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hydraulic oil filling:
oil cooler execution:
central greasing system:
supply control:

hydraulic oil HLVP 46
electr. driven cooler
central greaser strip rock
with

The new supply control and integrated local control at the rear of a Schwing truckmounted concrete pump enables the machinist to control all functions and operations for the work preparation, cleaning and maintenance of his machine, without climbing onto the machine. Furthermore, the hydraulic pressure of the concrete pump and MPS can be read.

truck

chassis manufacturer:
series:
truck type:
engine performance kW / HP:
wheel arrangement:
drive unit:
exhaust standard:
chassis cab:
drive shafts:

Mercedes-Benz
MB-AC (MP3)
4140B
290/394
8x4
direct drive via chassis PTO
EURO 2
S (short)
standard

painting

scope of paint:
color code:
chassis cab color code:
labelling:

paint one color
MB 9147 arctic white
MB 9147 arctic white
Schwing standard

documents:

language labelling:
language operating manual:
number of operating manuals:
language spare parts list:
number of spare parts list:

english
english
2
english
1 (+ 1 CD-ROM)

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