



DATA SHEET

Schwing S 55 SX concrete pump mounted on Mercedes-Benz 4840 chassis

placing boom 55 RZ

compact 5-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 boom control for emergency recovery.

boom

type of boom:	55 RZ
number of articulations:	5
vertical reach:	54,50 mt
horizontal reach:	50,70 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

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hopper cover: with incl. locking

pipeline

boom pipeline: Super 3000 DN 112
 pipeline outlet: Super 3000 DN 125
 outlet variants: standard
 end hose: 3 m DN 112

base frame

base frame extension: undefined
 outrigger pads: PE-pads

operating system

control system: VECTOR

the microcontroller-based control system VECTOR used to convert the machine function in the model 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

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filler neck water tank:	standard
water tank filling:	c-connection series
hydraulic oil filling:	hydraulic oil HLVP 46
oil cooler execution:	electr. driven cooler
monitoring hydraulicoil niveau:	hydraulic oil level indicator
central greasing system:	central greaser strip rock
supply control:	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.

mounting parts

access right:	hinged step
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truck

A91	front axle, straight version
AL5	front axle, 9,0 t
AM6	rear axle H7, 16,0 t crown wheel 300
AR1	axle ratio i=4,333
BB0	anti-lock braking system (ABS), disengageable
BB6	drum brakes on front and rear axle
BB8	Telligent braking system with ABS and ASR
C42	stabilizer, rear axle, under frame
C63	bumper, steel version
CL9	steering LS 6/LS 8
D25	roof hatch / vent, roof
DD1	driver's cab with low roof, height 1400 mm
EM8	adjustable module with CAN, ISO 11992
F05	drivers cabin type M (medium)
F24	cab rear wall, straight
F35	cab rear wall with window
FC7	windows, tinted, without sun filter
FE5	power windows for driver's and co-driver's door
FE6	cab steps, movable
FL6	cab mountings, standard
FS2	wide-angle mirror on driver's side, heated
FT0	exterior rear-view mirror, grooved cover
FZ7	Immobilizer, with transponder
GC2	transmission G 240-16/11,7-0,69
GS7	gearshift, "Telligent II"
HF1	construction-site filter
JK2	instrument cluster, graphics-capable display
JN0	tachograph, 1 day + 2 driver modular
KKH7	exhaust silencer, endpipe sideways outwards
KS2	main tank, 300 l, steel

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M72	protection plate under cooler and engine
KM97	air inlet, front
MA9	engine mounting for driving on bad roads
MD9	cruise control
MK6	speed limiter 85 km/h, export
MS0	engine version, Euro 2
MX3	motor, V6, LA, 290 kW (394 PS), 1800/min
N55	transmission oil cooling
N56	PTO gearing independent (1,4 DB) NMW
P44	mudguard, for chassis transit
Q18	endcrossbar, screwed
QD3	front spring 9,0 t, asymmetric
QF9	rear spring 18,0 t hard, for axle distance 1450 m
R04	wheel nut cap
R28	stepped rims for 12.00-24
SF0	fold-up seat, co-driver
SG5	driver's comfort suspension seat
TT9	weight variant 50,0 t (9,0 t / 9,0 t / 16,0 t / 16,0 t)
XK3	general terms and conditions warranty (3 years / 250.000 km, whatever comes first)
YK4	air pressure gun
ZZ3	truck for right side driving
B65	compressed air dryer, heated
ET2	voltage transformer, 24V / 12V, 15 A
EV6	provision 12-V radio, retrofits
H03	air conditioning system
JW0	back-up warning
K40	tank-cap lock
K45	strainer, tank filler plug
K81	fuel pre-filter, heated water separator
KU2	main tank 300 l
M45	generator 28 V / 100 A
Y10	first aid bag
Y20	vehicle tool kit
Y28	2 wheel chocks
Y34	tire inflation hose, 10 m
Y44	warning triangle
Y45	warning lamp
XC2	Model plate, Gulf States
X42	labelling english
Z01	for Middle East & Africa

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