



# S 36 X

## Truck Mounted Concrete Boom Pump



RECORD BREAKING ENGINEERING



## “Best in class features offer exceptional flexibility for diverse applications”

Comes with powerful pumping units that enhance productivity, the complete control system enables quick and easy communication with the machines, RL rock valve is guaranteed with a longer service life and the outriggers are highly space saving.

Mountable on all 3 axle chassis of all leading truck manufacturers, the pumps prime mover is the truck's engine itself. This reduces the weight of the pump and helps save fuel. At lower engine RPM, Typical output rates can be achieved which results in fuel saving and enables easy maintenance



### CONCRETE BOOM PUMP

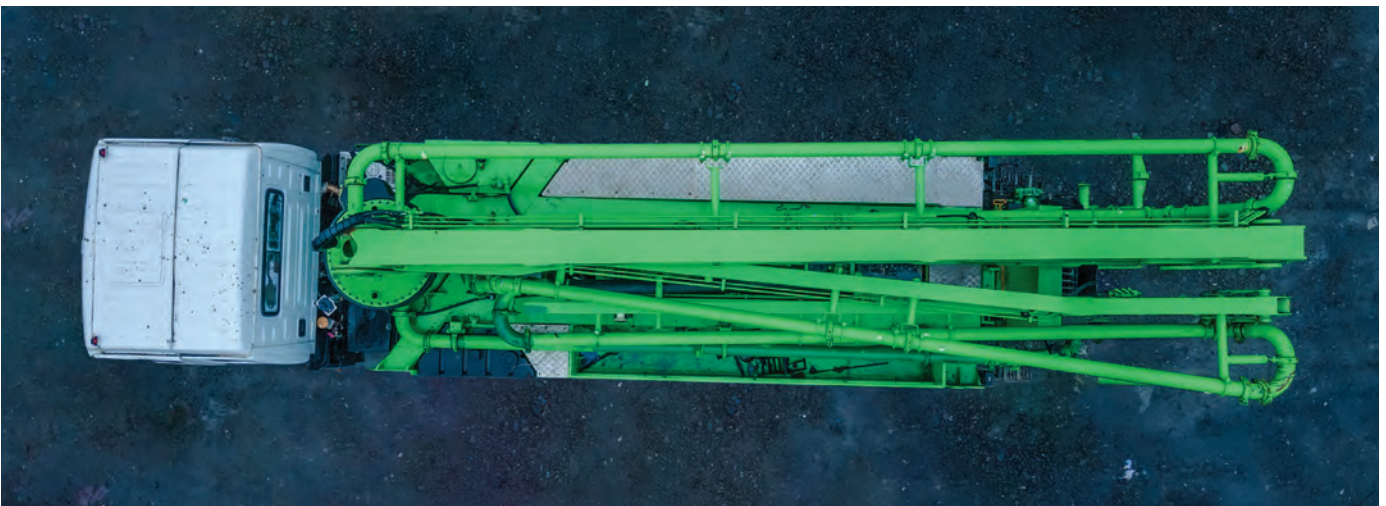
Reach greater heights with a rapid pace backed by unbeatable productivity as Schwing's Truck mounted pumps give you the advantage that you need to always stay on the target

SCHWING's concrete pumps are synonymous for their flexibility and are Ideal for tight spaces on the construction sites. The distributor booms consist of several efficient applications with a versatile reach that are hinged together to ensure high manoeuvrability and good approachability to the concrete placing spots.





# DISTRIBUTOR BOOMS



## OUR FEATURES

Innovative Boom design

Two side pipeline

## YOUR BENEFITS

Provides dynamic load distribution

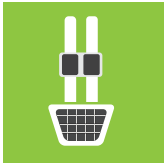
Smooth jerk-less and vibration free pumping

Minimal boom bounce & reach

Minimum Unfolding height

Guarantees maximum stability during concrete placing and provides proper balance

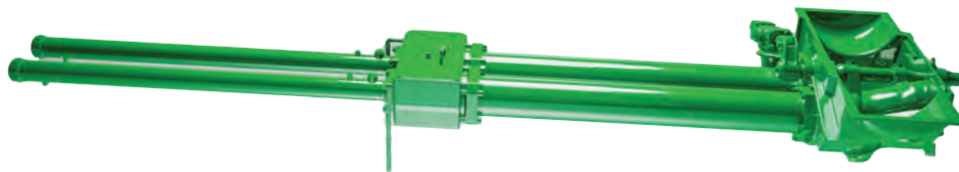
Special twin walled pipes for long service life



# POWERFUL PUMPING UNIT



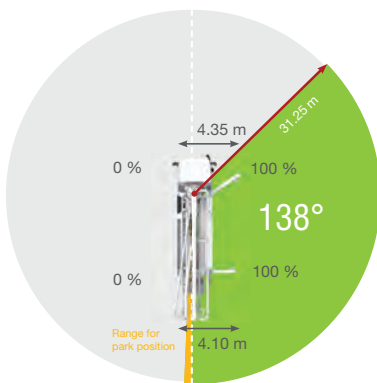
## The long-stroke pump kit P1620 & P2023



OUR FEATURES	YOUR BENEFITS
Control block of SCHWING pump Kit	Provides hydraulic switching of the ROCK and differential cylinders that helps in 100% suction
	Ensures outstanding reliability even in difficult operating conditions
	Provides for easy servicing
	Experience lesser time of unloading the concrete
	Bigger cylinder volume results in Less wear and tear
Open Hydraulic system	Efficient conversion of engine power into Hydraulic power with less loss
	Realization of typical jobsite output rates at low rpm of just over 1000 rpm
Chrome plated pumping cylinder & split type RAM seal	Improves the life by 35 %



# THE INNOVATIVE OUTRIGGERS



**WITH EZY,  
COVERING A  
WORKING  
RANGE OF  
138°**

**S 36 X  
WITH COMBINED  
X AND H  
OUTRIGGERS**



## OUR FEATURES

## YOUR BENEFITS

X and H Combination

Unique and small footprint. Occupies lesser working area

Provides Lowest working width

Hydraulic operations

Exceptional job site mobility

Rear H-Outriggers

Advantageous to the operators over the more common swing-out outriggers

Offer storage space on both sites for accessories and hoses

EZY Outrigger

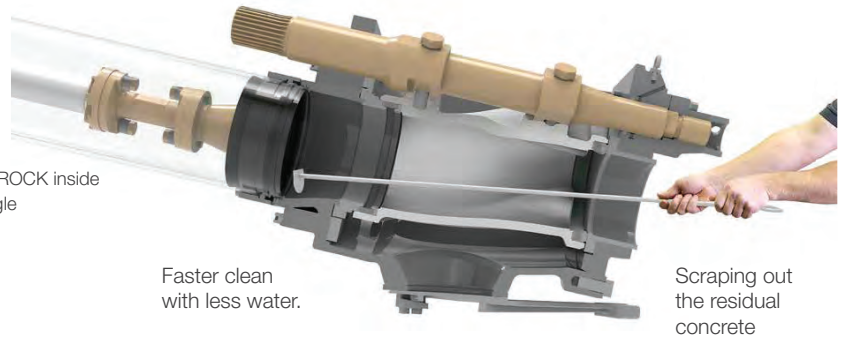
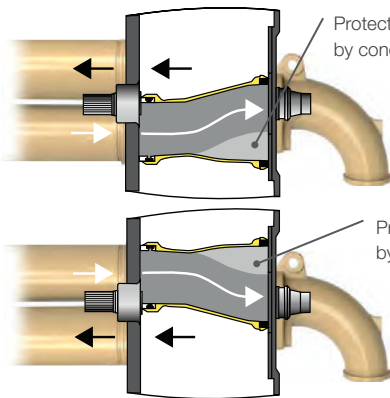
Pump can be safely supported in one side

Covers a working range of 138degrees

Protected piston rods and internally laid hydraulic lines

Enables support legs to withstand the rigours of all job sites

# THE ROCK VALVE



OUR FEATURES	YOUR BENEFITS
Straightly designed RL valve	Provides direct view into the delivery cylinder and of the pumping pistons. The pumpkit can hence be conveniently and easily cleaned within just two strokes
Intelligent wear protection	Saves both the water and time needed for cleaning concrete triangle after each shift when concrete is fed into the outlet at high pressure.
Carbide wear parts	Longer service life and provides noticeably more profit per cu. m
Pre-stressed rubber spring	Wearing parts are only 15. Easy to operate and maintain
Twin circuit	Automatic adjustment of the cutting ring Low-friction concrete flow, low operating costs Ideally handles high grade concrete.

# COMPLETE CONTROL SYSTEM



## THE NEWLY LAUNCHED **intell*o*** CONTROL SYSTEM

The machine operator can inspect machine data, operating conditions & settings on S 36 X, changing various parameters, all through the intuitive intell*o* control system. The integrated diagnostic system ensures safe operation and also reminds the operator when maintenance is necessary.

### OUR FEATURES

### YOUR BENEFITS

Boom control System

Operator can inspect machine data and all required information like RPM, Volume of concrete pumped, number of strokes , hydraulic temperature etc;

Remote control

Light weight and easy to use

Comfortable remote helps to minimize fatigue allowing the operator to focus on the job

Ground control

Powerful batteries guarantee an operating time of at least 8 hours

Water box can be filled and emptied. Water pump and agitator can be controlled via standardized supply control

IoT

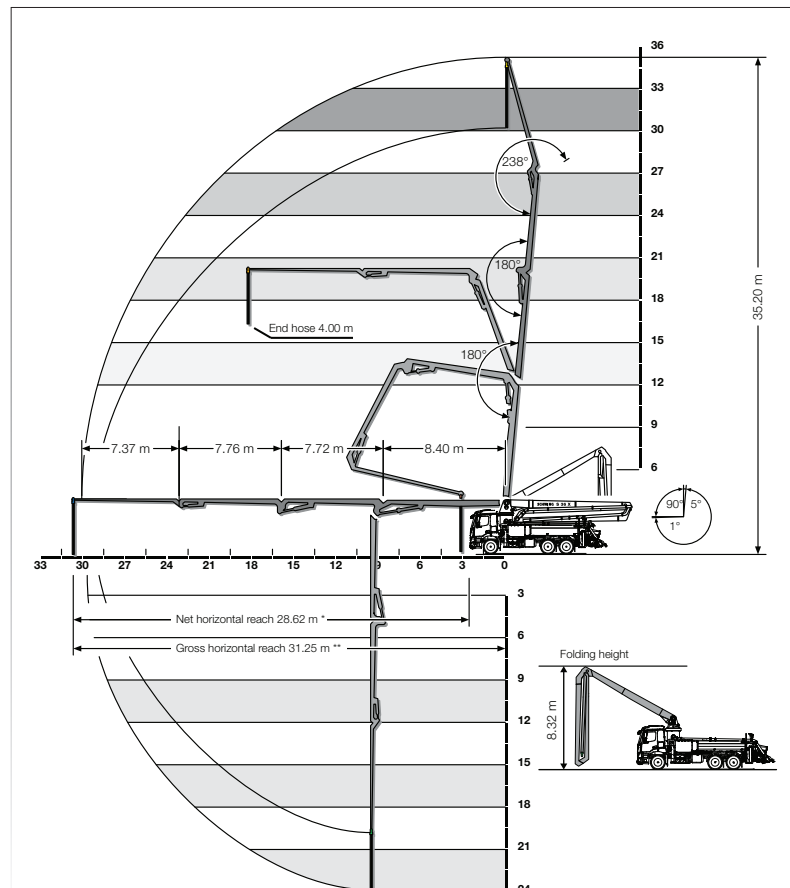
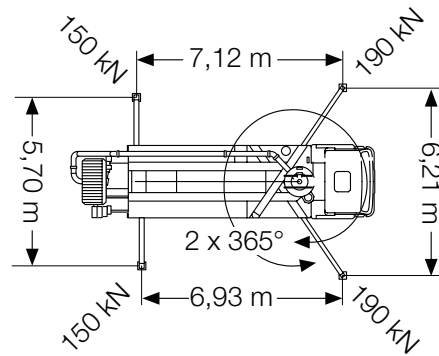
Over connected devices

# TECHNICAL SHEET

## S 36 X Truck Mounted Concrete Boom Pump

PUMPING UNIT TECHNICAL DATA			
Model		P1620	P2023
Theor. concrete output	m <sup>3</sup> /h	73	96/160
Max. number of strokes	per min.	24	19/32
Max. Delivery line pressure	bar	85	85
Dia. of pumping cylinders	mm	200	230
Piston stroke	mm	1600	2000
Capacity of agitator hopper	L	600	600
Charging height approx	mm	1350	1350

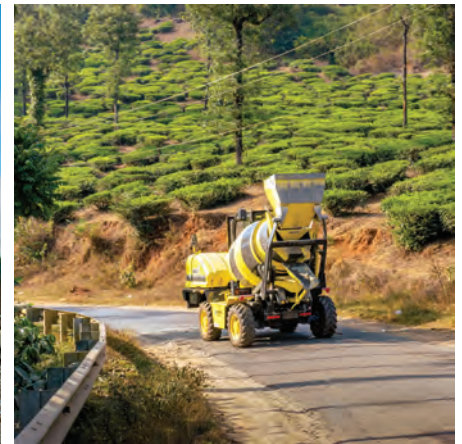
PLACING BOOM TECHNICAL DATA		
Pipeline diameter	mm	125
Number of articulations	/	4
Vertical reach	m	35.2
Horizontal reach from center	m	31.25
Slewing range	/	540°
Lifting angle	deg	96
1st folding angle	deg	180
2nd folding angle	deg	180
3rd folding angle	deg	238



# Working range



# Total Concreting Solution from SCHWING



## Best in class machines for complete concreting needs

Concrete batching plants are the standard machines for producing the ready mix concrete that come in Mobile, compact and horizontal versions and can produce concrete from 18 cu.m/hr to 240 cu.m/hr that cater to the requirement of infrastructure developers and also act as an OEM supplier to various cement companies who offer ready mix concrete .

Our range of machines include the concrete mixer truck that ranges from 3 cu.m to 12 cu.m capacities , Concrete pumps , Boom pumps , Separate placing booms, Self loading mixer machines and the shotcrete pumps.

## Customer centric Innovations

SCHWING Stetter India has been able to retain its pole position with innovative products researched and developed in-house by our R&D team. In the last decade alone, we have launched close to 80 new products for the domestic as well as export markets. Our R&D activities are closely linked to customer feedback and market research. We understand the needs and wants of our customers and develop innovative solutions to solve their most pertinent problems. Few of our innovations include completely in-house designed and developed IoT solutions for all our equipment, data warehousing, analytics solutions and telemetry support, specialized shotcreting equipment for tunneling operations, advanced concrete valves for concrete pumps, long life truck mixer drums, structurally rigid batching plants which can even withstand type 2 cyclones etc.

## Made in India for the World

To cater to the global construction equipment needs, SCHWING Stetter India's Global Manufacturing Hub houses the world class manufacturing facility which is all set to march ahead to set new milestones not only in the field of construction equipment manufacturing including the concrete pavers and crushers but also the earth moving machineries for every need.

Fuelled by smart and dedicated manufacturing facilities. This integrated facility combines physical with digital infrastructure that boosts the productivity levels to cater to the rapidly increasing customer demand for reliable equipment.

THINK CONSTRUCTION, THINK

# SCHWING STETTER



## LARGEST NETWORK

**26** All India Branches | **28** Spares Outlets | **9** Service Centres | **5** Manufacturing Factories | **6** Training Centres



# RECORD BREAKING ENGINEERING

## SCAN ME

Online Enquiry



For more complete information on **SCHWING's** products, services and industry solutions, visit us at [www.schwingstetterindia.com](http://www.schwingstetterindia.com). Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your SCHWING's Branch/dealer for available options



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Your Nearest Branch :