



**SCHWING**

## **S 41 SX**

Truck-mounted concrete pump  
with 4-section placing boom

### ***The Longest Boom on Three Axles***



# Most Valuable Pump

Keep your costs low and your productivity high with the new S 41 SX. This is the longest boom available that mounts on an economical three axle truck. It is also the only boom in its class with Schwing's patented Super X outriggers that add so much to job site efficiency. Now reach 120-feet out, more than 132-feet up and rotate the

boom 550 degrees for maximum versatility on any project.

The four section boom is the proven Roll & Fold™ design used on more concrete pumps than any other style. With low unfolding height, fast set-up and easy clean-out it is the multi-purpose boom for the majority of applications.



## VECTOR®

The new Vector Control System is standard and allows two-way communication between the pump and operator. From the remote box, output volume is precisely controlled. Strokes per minute, engine rpm, hydraulic oil temperature, pressure and more data are displayed on-demand. Twin joysticks pro-

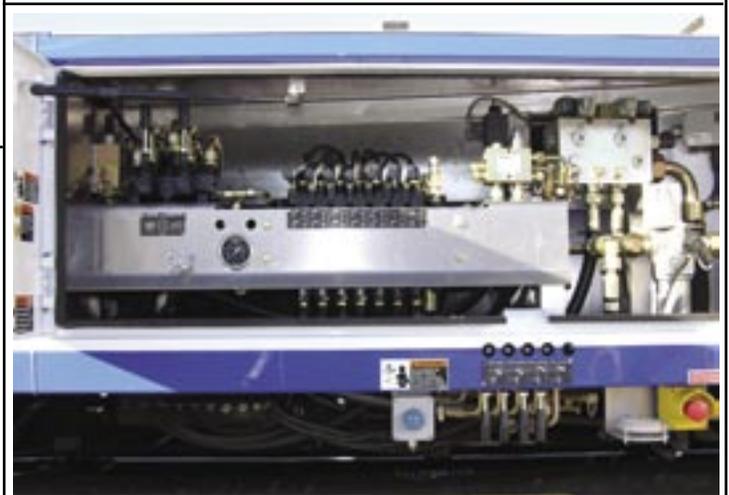
vide smooth proportional control and the Spread Spectrum feature assures a strong signal even when competing transmitters are in use. The controller on the pump records operational information.



## Manual Controls

Under all circumstances, the S 41 SX can finish the pour thanks to manual boom controls located conveniently on the side of the pump. All-hydraulic actuation provides proportional

control even if the remote box is disabled. Modular construction minimizes the number of hydraulic fittings and consolidates hydraulics in one location for easy access.

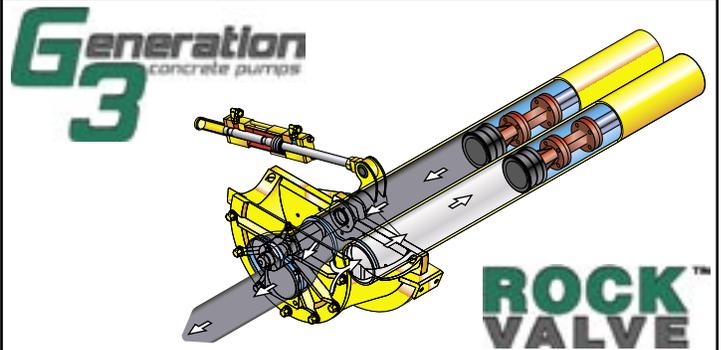




## SUPER X OUTRIGGERS®

Super X outriggers are a Schwing exclusive previously only available on larger booms. They provide maximum stability with the smallest footprint and telescope out and around

obstacles with their curved design. This unique shape allows them to retract along the sides of the subframe to leave room between the frame rails for long, smooth stroking pumping cylinders.



The Generation 3 pump is the proven 2525-5 with 10-inch diameter material cylinders and 98-inch stroke. These long, slow stroking cylinders provide smooth output and save you money every day by producing high volume output with fewer strokes. Backing up the 181 cu.yd/hr. pump kit is the exclu-

sive Big Rock Valve™ which promotes maximum filling efficiency of the material cylinders even with the harshest mixes. With the lowest maintenance cost per yard pumped, the Big Rock provides on-the-job performance and value every working day.



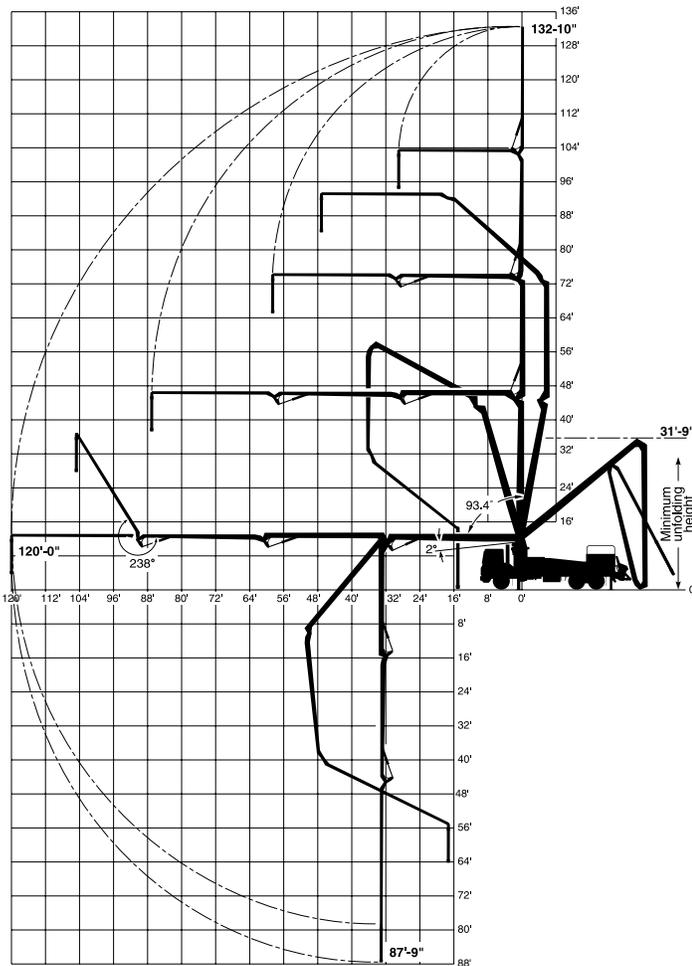
## Low Maintenance Cost

Continuing the Schwing tradition of low maintenance requirements, the S 41 SX comes standard with Super 3000 pipeline. Standpipe and deckpipe are both 8.6 mil thick – the best in the industry. High impact elbows in critical areas

complement this Super 3000 which is 12% thicker than most other boom pipe. And because Schwing pipeline follows the centerline of the boom there is less stress on the pipe holders. Thicker pipeline walls = longer wear = lowest cost per yard.



# Specifications

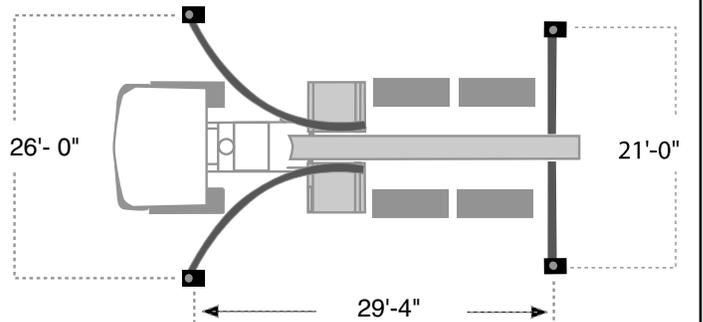


Pump Kit on S 41 SX	2525H-5 U.S.	Metric
Theor. Concrete Output (cu.yds/hr - cu.m)	173	138
Max. Pressure on Concrete (psi - bar)	1169	80
Max. Strokes/Min.	18	18
Pump Cylinder Diameter (in. - mm)	10	250
Pump Cylinder Stroke Length (in. - mm)	98	2500
Differential Cylinder Size (in. - mm)	4.7	120
Max. Aggregate Size (in. - mm)	2.5	63.5
Max. Hydraulic System Pressure (psi - bar)	5075	350

Specifications are subject to change without prior notice

Boom Specifications	U.S.	Metric
Pipeline Diameter (in. - mm)	4.5	114
Vertical Reach (ft.in. - m)	132-10	41
Reach from Slewing Axis (ft. - m)	120	36.5
Net Horizontal Reach (ft. - m)	110	33.5
Unfolding Height (ft.in. - m)	31-9	9.7
Section Lengths		
First Section (ft.in. - m)	31-8	9.6
Second Section (ft.in. - m)	28-6	8.7
Third Section (ft.in. - m)	29-7	9
Fourth Section (ft. - m)	29	8.8
Slewing Range (degrees)	550	550
End hose length (ft. - m)	9	2.7

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