S 36 REVOLUTION

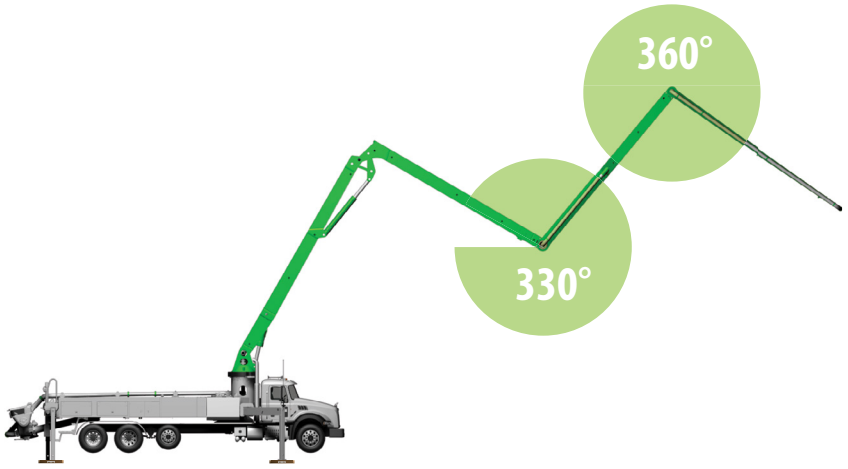
TRUCK MOUNTED CONCRETE PUMP

SCHWING®

TRULY A REVOLUTION IN CONCRETE PLACEMENT

Don't imagine 360-degree boom articulation – use it on your next project!
The new Revolution 36-meter boom puts concrete where you want it faster and easier with patented technology. The third and fourth sections use hydraulic motors at the knuckles to spin the fourth section 360-degrees continuously and the third section 330-degrees, providing boom options like never before. The 36 Revolution is the most innovative boom technology to come along in decades. The possibilities are truly unlimited and the utilization of your pump will soar. New technology to support the pumping industry, only from Schwing.

360°
UNLIMITED POSSIBILITIES

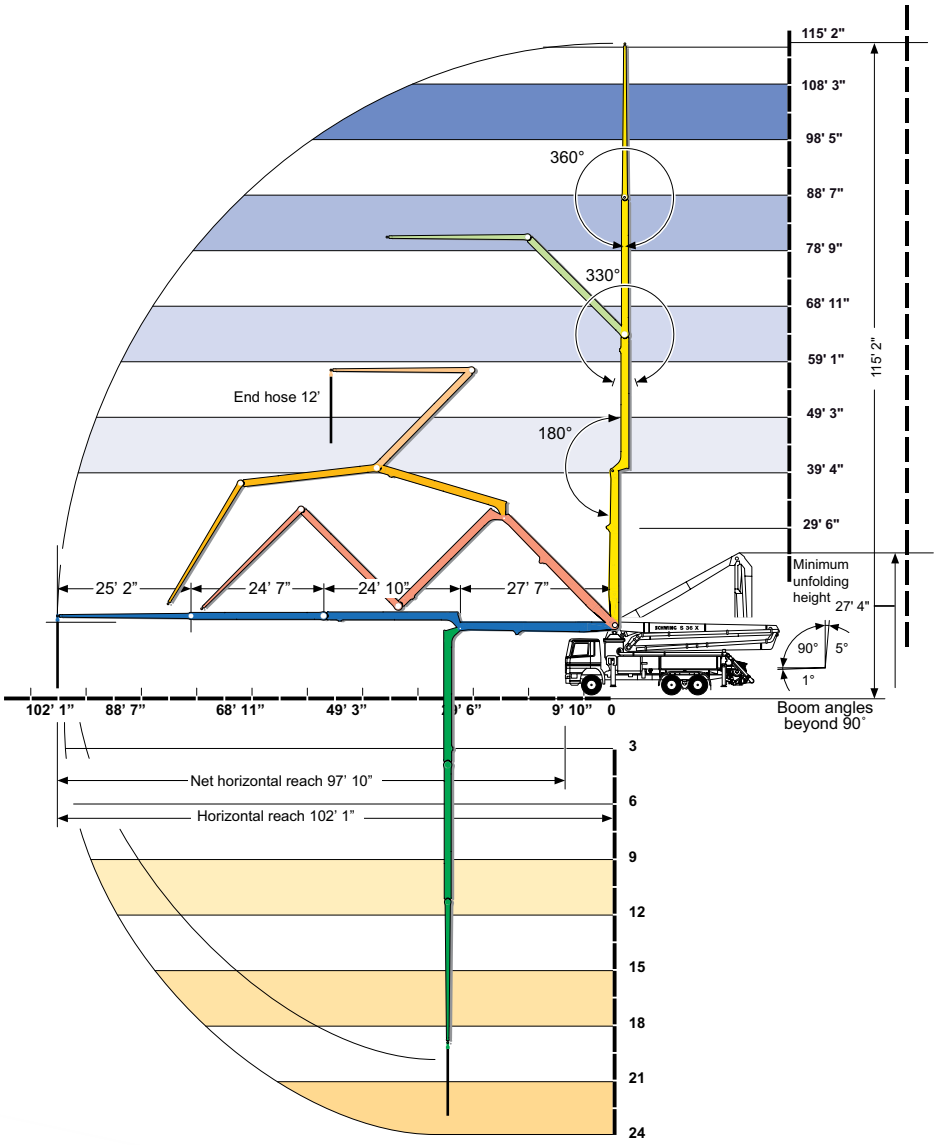


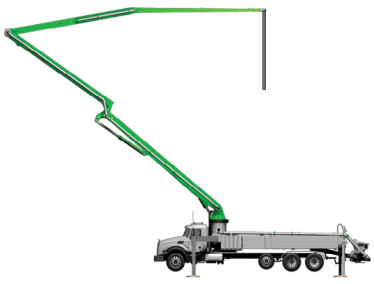
Unlimited Possibilities

The S 36 Revolution offers 330° of articulation on boom section 3, with full 360° of continuous articulation on section 4. Reach anywhere!

Direct Drive

Direct drive motors eliminate the need for boom cylinders and guide levers. The simple, compact design allows for smooth and reliable operation of the placing boom while providing maximum articulation.





STANDARD FEATURES

Boom
The S 36 Revolution turret rotates up to 365 degrees in either direction for a total of 730 degrees of rotation. The third boom section has 330 degrees of articulation, while the fourth boom section can rotate a full 360 degrees continuously. This allows for endless boom configurations, making even the most demanding placement situations effortless.

Outriggers
The unique outrigger design allows maximum tool and system storage, while providing stability with minimal space requirements.

Pump Kit
Open loop all-hydraulic concrete pump provides fuel efficiency, reliability and performance. Longer pumping cylinders allow for a smooth, continuous flow of concrete while extending wear part life. The Big Rock Valve™ is designed to pump the harshest mixes and provide the lowest maintenance cost per yard.

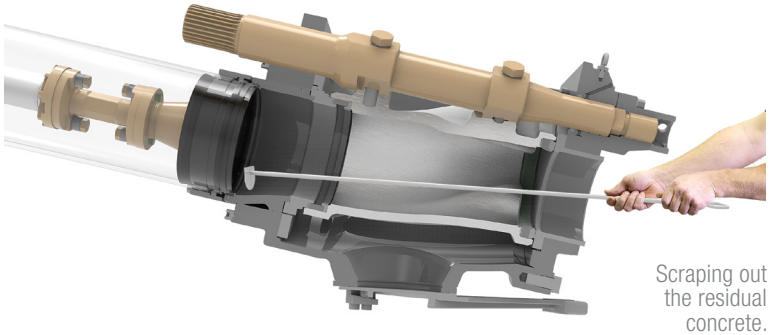
Vector System
The Vector system allows two-way communication between the pump and the operator. Critical real-time operating data is displayed at the remote box. The remote control is lightweight, easy to use and long-lasting (up to 8 hours of battery life).

Hinged Sideboard
Fold down sideboards store extra pipe and clamps for line pours and add to the pump's all around capabilities. Pump residential jobs through the boom and commercial jobs through the discharge pipe attached to slickline.

THE ROCK VALVE™. EXTREMELY ROBUST.

Faster cleanup with less water.

In comparison to other concrete valves, the Rock Valve's straight design makes it easier and quicker to clean. It also provides a direct view into the delivery cylinder and of the pumping pistons. The pump kit can be cleaned easily and conveniently with just two strokes, saving water and reducing the time needed for cleaning.



Scraping out the residual concrete.

SPACE-SAVING OUTRIGGERS.

Less set-up space, more flexibility.

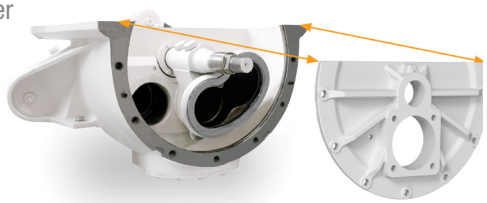
Because of the unique combination of front and rear outriggers, the S 36 Revolution requires the smallest set-up space in its class. The advanced design allows the S 36 Revolution to be setup at sites where other concrete pumps won't fit. In addition, the S 36 Revolution has extra storage space on both sides for accessories and hoses. The standard 13-ft. long hinged sideboard features integrated hose/pipeline racks.

S 36 X with combined X and H outriggers

EASY MAINTENANCE

Maintenance of the Rock Valve™ is simple, fast and safe!

The Rock Valve™ not only has a much longer life than other concrete valves, it is also easier to maintain. After removing the housing cover, the wear parts are easily accessible and can quickly and safely be replaced. Time-consuming adjustments are not required after replacement. The Rock Valve™ only contains 15 wear parts – half of competitors concrete valves.



SPECIFICATIONS
S 36 REVOLUTION

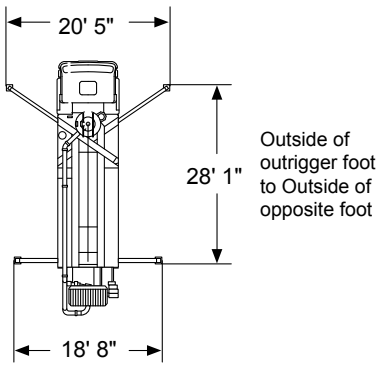
Pump Kits	2025H-5 120/80 MPS	
	U.S.	Metric
Theor. Concrete Output Per Hour (cubic yards - cubic meters)	178	136
Maximum Pressure on Concrete (psi - bar)	1002	76
Strokes Per Minute	23	23
Material Cylinder Diameter (in. - mm)	10	250
Material Cylinder Stroke Length (in. - mm)	79	2000
Differential Cylinder Size (in. - mm)	4.7	120
Valve Type	Std. B-Rock Valve	
Maximum Aggregate Size (in. - mm)	2.5	64

Boom Specifications

Pipeline Diameter (in. - mm)	5	125
Vertical Reach (ft.-in. - m)	115-2	35.1
Horizontal Reach (ft.-in. - m)	102-1	31.1
Net Horizontal Reach (ft.-in. - m)	97-10	29.8
Unfolding Height (ft.-in. - m)	27-4	8.33
Slewing Range (degrees)	730°	730°
End hose length (ft. - m)	12	3.8
Section Lengths		
Main Section (ft.-in. - m)	27-7	8.4
Second Section (ft.-in. - m)	24-10	7.6
Third Section (ft.-in. - m)	24-7	7.5
Tip Section (ft.-in. - m)	25-2	7.7

Outriggers

Design	X Outriggers, Fully Hydraulic, Extension and Jacking	
Front (ft.-in. - m)	20-5	6.2
Rear (ft.-in. - m)	18-8	5.7
Length (ft.-in. - m)	28-1	8.6
Load Front (lbs. - kg)	42,714	19,375.1
Load Rear (lbs. - kg)	33,721	15,295.9
Soil Pressure Front	419 psi (w/o Dunnage)	76 psi (w/ Dunnage)
Soil Pressure Rear	331 psi (w/o Dunnage)	60 psi (w/ Dunnage)



Specifications are subject to change without notice.

SCHWING®

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