

Telescopic Action

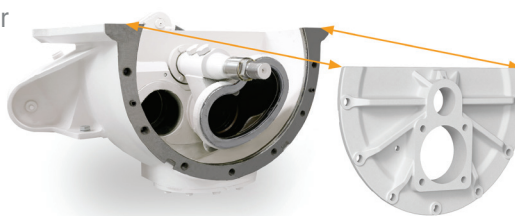
15'-3" of smooth telescopic action allows the operator to position the boom with pinpoint accuracy and reach 87-feet horizontally without exceeding the unfolding height and still pour back to the front bumper.

After completing low overhead indoor work, the S 31 XT transitions seamlessly to everyday outdoor jobs like walls and slabs. It sets up quickly with X-Style front outriggers and telescopic rear outriggers in tight areas. No other pump matches the reach and utilization of this one-of-a-kind machine that owners report is the most requested pump in their fleet.

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 31 XT

2023-5 130/80 MPS

Pump Kit

	U.S.	Metric
Theor. Concrete Output Per Hour (cubic yards - cubic meters)	208	159
Maximum Pressure on Concrete (psi - bar)	1007	70
Strokes Per Minute	32	32
Material Cylinder Diameter (in. - mm)	9	230
Material Cylinder Stroke Length (in. - mm)	79	2000
Differential Cylinder Size (in. - mm)	5.1	130
Valve Type	B-Rock Valve	
Maximum Aggregate Size (in. - mm)	2.5	64

Boom Specifications

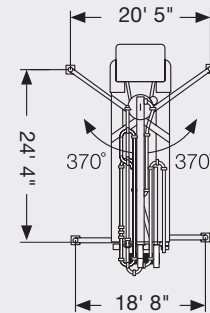
Pipeline Diameter (in. - mm)	5	125
Vertical Reach (ft.-in. - m)	99-11	30.5
Horizontal Reach (ft.-in. - m)	86-11	26.5
Net Horizontal Reach (ft.-in. - m)	70-5	24
Unfolding Height (ft.-in. - m)	18-8	5.7
Slewing Range (degrees)	730°	730°
End Hose Length (ft. - m)	12	3.5

Section Lengths

First Section - Retracted (ft.-in. - m)	24-6	7.5
First Section - Extended (ft.-in. - m)	39-9	12.1
Second Section (ft.-in. - m)	15-11	4.9
Third Section (ft.-in. - m)	15-5	4.7
Tip Section (ft.-in. - m)	15-10	4.8

Outriggers

Design	X-Outriggers, fully hydraulic, extension and jacking	
Front (ft. - m)	20-5	6.2
Rear (ft. - m)	18-8	5.6
Length (ft.-in. - m)	24-4	7.4
Load Front (lbs. - kg)	44,962	20,395
Load Rear (lbs. - kg)	35,970	16,316
Soil Pressure Front	441 psi w/o Dunnage 80 psi with dunnage	
Soil Pressure Rear	353 psi w/o Dunnage 64 psi with dunnage	



Specifications are subject to change without notice.



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