

SY38 Technical Specifications

Length	37' 4"	(11.4 m)
Height	12' 8"	(3.9 m)
Empty weight	58,427 lbs	(26,502 kg)

Boom & Outrigger Specifications

Height & Reach

Vertical reach	124' 6"	(38 m)
Horizontal reach	111' 5"	(34 m)
Unfolding height	27' 2"	(8.3 m)

5-Section Boom

1st section articulation	89°
2nd section articulation	180°
3rd section articulation	240°
4th section articulation	180°
5th section articulation	265°

1st section length	27' 8"	(8.5 m)
2nd section length	23' 6"	(7.2 m)
3rd section length	19' 6"	(6.0 m)
4th section length	20' 0"	(6.1 m)
5th section length	20' 0"	(6.1 m)

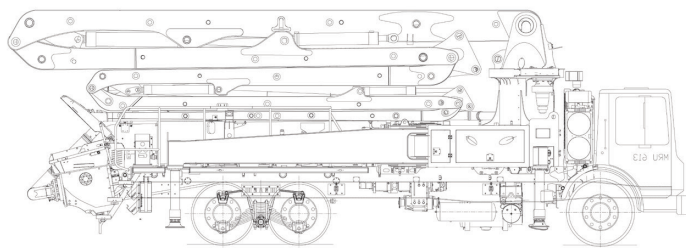
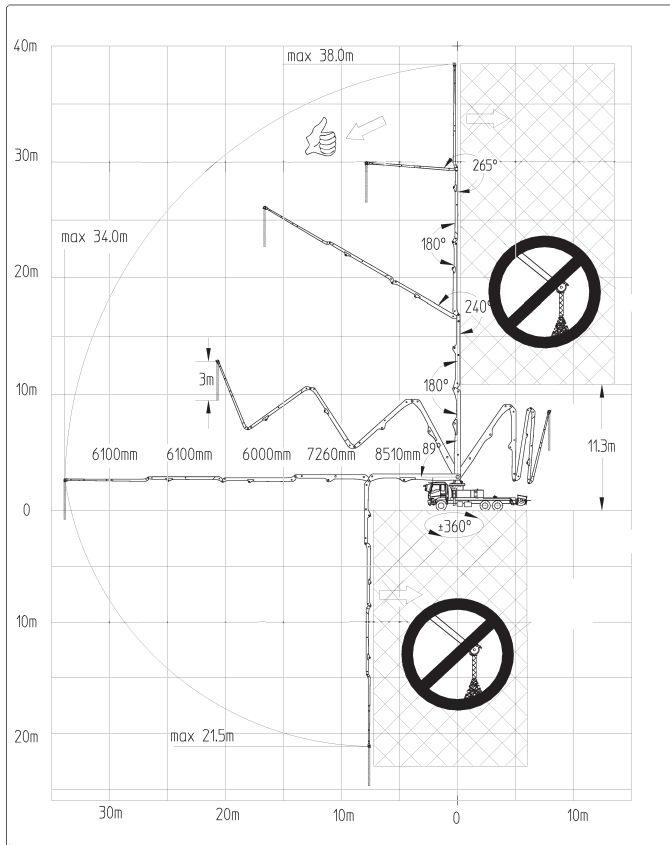
General Specifications

Type of Outriggers	X Extension / Swing Out	
Outrigger spread L-R — front	20'	(6.1 m)
Outrigger spread L-R — rear	23' 3"	(7.1 m)

Pump Specifications

Output — Low-pressure	209 yd³/hr	(160 m³/hr)
— High-pressure	179 yd³/hr	(137 m³/hr)
Pressure — Low-pressure	1,203 psi	(83 bar)
— High-pressure	1,755psi	(121 bar)
Delivery cylinder diameter	8.5"	(260 mm)
Stroke length	6' 2"	(1.9 m)
Strokes per min. — Low-pressure	35	
— High-pressure	24	
Hydraulic system	Open	Open
Hydraulic system pressure	4,641psi	(320 bar)
Material Cylinder Diameter	10.3"	(260 mm)
Material Cylinder Length	6' 11"	(2100 mm)

Based on Sany SYG5271THB 38 380C-8



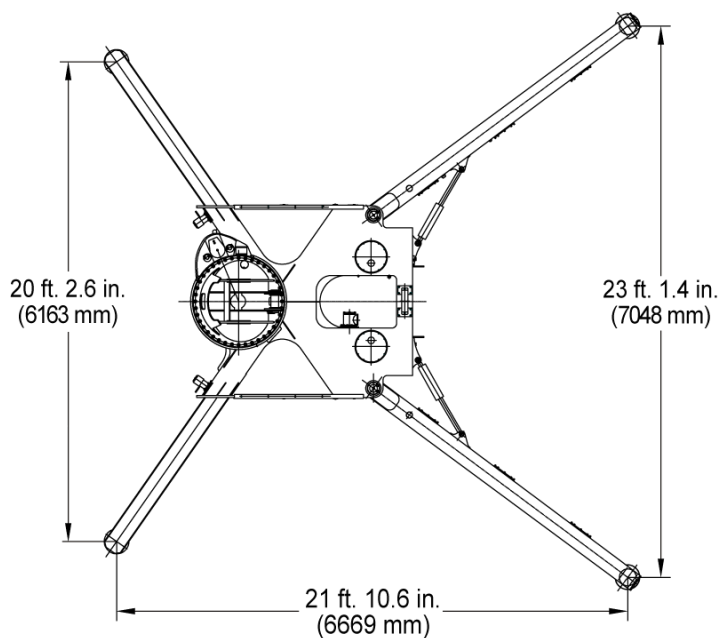


Figure 8-2.

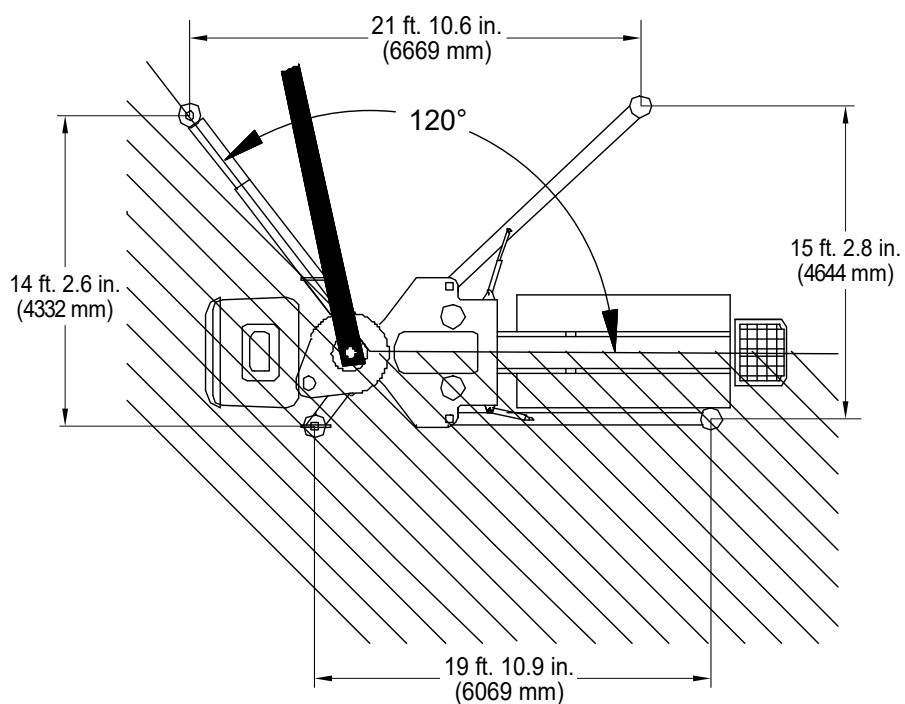


Figure 8-3.