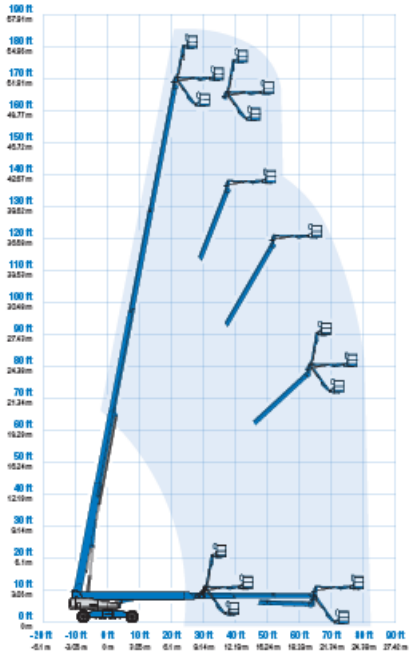
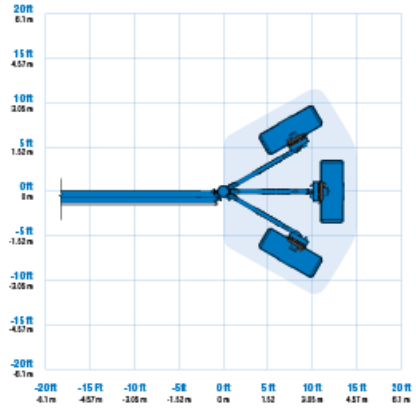
SX180 BOOM LIFT

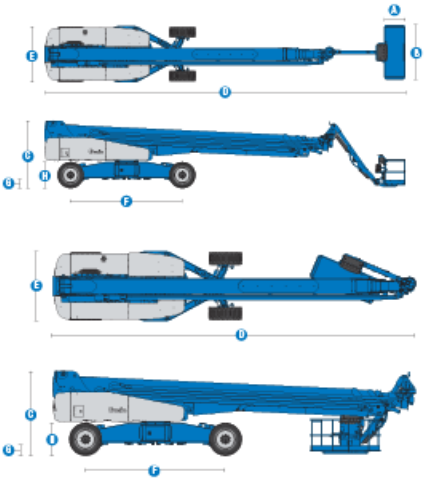
180FT DIESEL BOOM LIFT TELESCOPIC

Models	SX-180	
Measurements	**US**	**Metric**
Working height max.(1)	186 ft	56.86 m
Platform height max.	180 ft	54.86 m
Horizontal reach max.	80 ft	24.38 m
Below ground reach	2 ft	0.61 m
A Platform length	3 ft	0.91 m
B Platform width	8 ft	2.44 m
C Height - stowed	10 ft	3.05 m
D Length - stowed	53 ft 1 in	16.18 m
D Length - storage/transport (jib tucked under)	42 ft 8 in	13m
E Width (axles retracted)	8 ft 2 in	2.49 m
E Width (axles extended)	16 ft 6 in	5.03 m
F Wheelbase (axles retracted)	16 ft 6 in	5.03 m
F Wheelbase (axles extended)	15 ft 6 in	4.72 m
G Ground clearance - center	1 ft 3 in	0.38 m
H Height under counterweight	4 ft 1 in	1.24 m
Productivity		
Lift capacity max. - unrestricted	750 lb	340 kg
Number of Platform Occupants	2	
Platform rotation	160°	
Jib length	10 ft	3.05 m
Vertical jib rotation (up/down)	135°	
Horizontal jib rotation	60°	
Turntable rotation	360°	
Turntable tailswing (axles retracted)	3 ft 9 in	1.14 m
Turntable tailswing (axles extended)	3 ft 6 in	1.07 m
Drive speed - stowed	2.3 mph	3.7 km/h
Drive speed - raised	0.4 mph	0.65 km/h
Gradeability - stowed(2)	35 %	
Tilt sensor activation (front to back/side to side)	4.5° / 3°	
Turning radius - inside/outside (axle retracted)	20 ft 7 in/28 ft 1 in	6.28 m/8.56 m
Turning radius - inside/outside (axle extended)	9 ft 11 in/24 ft 1 in	3.02 m/7.34 m
Tires	445D50/710	
Power		
Power	Diesel	
Hydraulic tank capacity	110 gal	416 L
Fuel tank capacity	50 gal	189.3 L
Weight(3) and Floor Loading(4)		
Weight	55,000 lb	24,948 kg
Tire contact pressure	130 psi	896 kPa
Occupied floor pressure, axles retracted/extended	337 psf/175 psf	16.12 kPa/ 8.39 kPa
Sound and Vibration Levels		
Sound Pressure level (ground workstation)	91 dBA	
Sound Pressure level (platform workstation)	75 dBA	
Vibrations	< 2.5 m/s²	



Jib range of motion SX-180





(1) The metric equivalent of working height adds 2 m to platform height. The imperial equivalent adds 6 ft to platform height.
(2) Gradeability applies to driving on slopes and may vary depending on options and machine configurations. See operator's manual for details regarding slope ratings.
(3) Weight refers to standard configuration and may vary depending on options and/or country standards.
(4) Floor loading information is approximate and may vary depending on options and machine configurations. It should be used only with adequate safety factors.

Disclaimer: Specifications are indicative only and may vary between model years or individual units. For equipment hire, we will supply the same or an equivalent model that is fit for the disclosed purpose.