

SX180 BOOM LIFT

180FT DIESEL BOOM LIFT TELESCOPIC

Models	SX-180	
Measurements	US	Metric
Working height max.(1)	186ft	56.86m
Platform height max.	180ft	54.86m
Horizontal reach max.	80ft	24.38m
Below ground reach	2ft	0.61m
Platform length	3ft	0.91m
Platform width	8ft	2.44m
Height - stowed	10ft	3.05m
Length - stowed	53ft 1in	16.18m
Length - storage/transport (jib tucked under)	42ft 8in	13m
Width (axes retracted)	8ft 2in	2.49m
Width (axes extended)	16ft 6in	5.03m
Wheelbase (axes retracted)	16ft 6in	5.03m
Wheelbase (axes extended)	15ft 6in	4.72m
Ground clearance - center	1ft 3in	0.38m
Height under counterweight	4ft 1in	1.24m

Productivity

Lift capacity max. - unrestricted	750lb	340kg
Number of Platform Occupants	2	
Platform rotation	160°	
Jib length	10ft	3.05m
Vertical jib rotation (up/down)	135°	
Horizontal jib rotation	60°	
Turntable rotation	360°	
Turntable tailowing (axes retracted)	3ft 9in	1.14m
Turntable tailowing (axes extended)	3ft 6in	1.07m
Drive speed - stowed	2.3mph	3.7km/h
Drive speed - raised	0.4mph	0.65km/h
Gradeability - stowed ⁽²⁾	35%	
Tilt sensor activation (front to back/side to side)	4.5°/3°	
Turning radius - inside/outside (axle retracted)	20ft 7in/28ft 1in	6.28m/8.56m
Turning radius - inside/outside (axle extended)	9ft 11in/24ft 1in	3.02m/7.34m
Tires	445D50/710	

Power

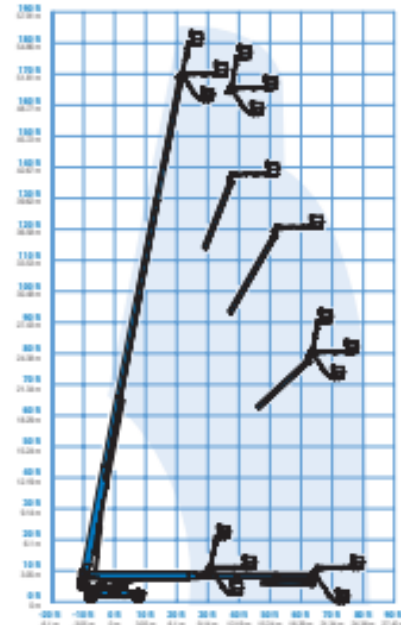
Power	Diesel	
Hydraulic tank capacity	110gal	416L
Fuel tank capacity	50gal	189.3L

Weight(3) and Floor Loading⁽⁴⁾

Weight	55,000lb	24,948kg
Tire contact pressure	130psi	896kPa
Occupied floor pressure, axes retracted/extended	337psf/175psf	16.12kPa/ 8.39kPa

Sound and Vibration Levels

Sound Pressure level (ground workstation)	91 dBA
Sound Pressure level (platform workstation)	75 dBA
Vibrations	< 2.5 m/s ²



Jib range of motion SX-180

