

### Specifications

#### Models S-85 XC

Measurements	Metric	US
Working height maximum*	27.91 m	91 ft
Platform height maximum	25.91 m	85 ft
Horizontal reach maximum	22.71 m	74 ft 6 in
Below ground reach	2.69 m	8 ft 10 in
▲ Platform length - 8 ft model	0.91 m	3 ft
▲ Platform length - 6 ft model	0.76 m	2 ft 6 in
▲ Platform length - 8 ft model	2.44 m	8 ft
▲ Platform width - 8 ft model	1.83 m	6 ft
▲ Platform width - 8 ft model	2.80 m	9 ft 2 in
▲ Platform length - stowed	12.37 m	40 ft 7 in
▲ Platform width - stowed (jib tucked out)	11.60 m	38 ft
▲ Platform width - stowed (jib tucked in)	2.49 m	8 ft 2 in
▲ Weight - stowed	2.85 m	9 ft 4 in
▲ Wheel ground clearance - center	0.40 m	15.8 in

#### Productivity

Maximum lift capacity - unrestricted	300 kg	660 lb
- restricted	454 kg	1,000 lb
Platform rotation	160°	160°
Vertical jib rotation	135° (+ 78°)	
Turntable rotation	/- 57°	
Turntable tailswing	1.60 m	360° 5 ft 3 in
Drive speed - stowed	5.04 km/h	3.3 mph
- raised/extended	0.3 m/s	0.95 mph
Gradeability - stowed**	45%	45%
Turning radius : inside	6.55 m	21 ft 6 in
Controls	outside	
Tyres - RT foam	12V DC proportional	
	18-625, 16 ply	

#### Power

Power source	Deutz TD2.9 L4, 74 hp (55 kW), Stage IIIB	
Auxiliary power unit	12V DC	12V DC
Hydraulic tank capacity	150 L	40 gal
Fuel tank capacity - diesel	132 L	35 gal

#### Sound & Vibration Levels

Sound pressure level (ground workstation)	83 dBA	83 dBA
Sound pressure level (platform workstation)	71 dBA	71 dBA
Vibration	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>

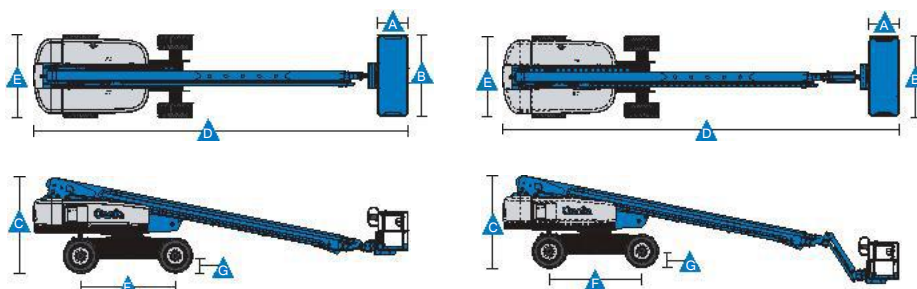
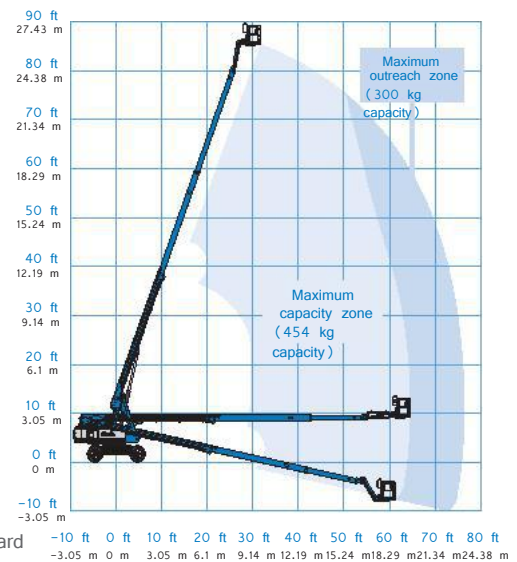
#### Weight\*\*\*

4WD	17,917 kg	39,500 lbs
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#### Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

#### Range Of Motion S-85



\* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.  
 \*\* Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.  
 \*\*\* Weight will vary depending on options and/or country standards.