

Specifications

Models	Z-33/18	
Measurements	Metric	US
Working height maximum*	12 m	39 ft 4 in
Platform height maximum	10 m	32 ft 10 in
Horizontal reach maximum	5.57 m	18 ft 3 in
Up and over clearance maximum	4.28 m	14 ft 1 in
A Platform length	0.76 m	2 ft 6 in
B Platform width	1.16 m	3 ft 10 in
C Height - stowed	1.98 m	6 ft 6 in
D Length - stowed	4.17 m	13 ft 8 in
E Width	1.50 m	4 ft 11 in
F Wheelbase	1.90 m	6 ft 3 in
G Ground clearance - center	15.2 cm	6.0 in

Productivity

Lift capacity	200 kg	440 lbs
Turntable rotation	400° non-continuous	
Turntable tailswing at counterweight	zero	zero
Turntable tailswing - riser up	0.15 m	5.2 in
Turntable tailswing - riser down	1.16 m	3 ft 10 in
Drive speed - stowed	6 km/h	3.7 mph
Drive speed - raised retracted**	0.75 km/h	0.47 mph
Drive speed - raised extended**	0.23 km/h	0.14 mph
Gradeability - stowed***	30%	30%
Turning radius - inside	1.9 m	6 ft 3 in
Controls	24 V DC proportional	
Tyres	56x23x44 cm	22x9x17 in

Power

Power source	48 V DC (eight 6 V X 8 batteries 315 Ah capacity)	
Drive system	48 V 3 phase AC	
Auxiliary power unit	24 V DC	24 V DC
Hydraulic tank capacity	20.8 L	6 gal

Sound & Vibration Levels

Sound pressure level (ground)	<70 dBA	<70 dBA
Sound pressure level (platform)	<70 dBA	<70 dBA
Vibration	<2.5 m/s²	<8 ft 2 in/s²

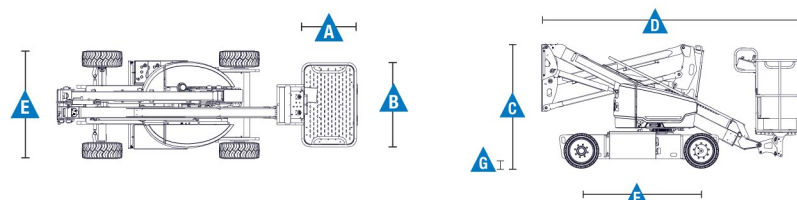
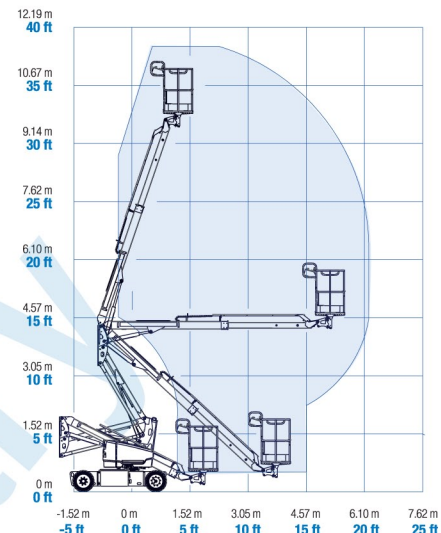
Weight****

3,665 kg	8,080 lbs
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Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280:2001+A2:2009+2013); 2004/108/EC (EMC); 2006/95/EC (LVD)

Range Of Motion Z-33/18



* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
 ** In lift mode *(platform raised), the machine is designed to operate on firm, level surfaces only.
 *** 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.

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Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
Measurements • Z-33/18 • 12 m (39 ft 4 in) working height • 5.57 m (18 ft 3 in) horizontal reach • 4.28 m (14 ft 1 in) up and over clearance • Up to 200 kg (440 lbs) lift capacity Productivity • 1.50 m (4 ft 11 in) width • 1.9 m (6 ft 3 in) inside turning radius • Self-levelling platform • Fast Mast™ System • Proportional joystick controls • Thumb rocker steer • Drive enable • AC power cord to platform • Horn • Hour meter • Tilt alarm • Descent & travel alarms • Flashing beacon • 400° non-continuous turntable rotation • Variable speed high efficiency hydraulic power unit • AC electric drive system • Traction control • On board easy to understand diagnostics • Certified load sensor Power • 48 V DC deep cycle battery pack • 24 V DC auxiliary power • Universal 30A battery smart charger • Battery charge indicator • Low battery voltage interrupt	Platform • Aluminium 1.16 m (3 ft 1 in) Power • 48 V DC (eight 6 V 350 Ah batteries) Drive • 2 x 4 Electric AC Tyres • Solid rubber non-marking • Multi-purpose tyres ⁽¹⁾	Productivity • Air line to platform • Power to platform (incl. plug, socket and ground fault interrupt leakage on request) • Work lights package (2 on chassis, 2 on platform) • Tilt cut-out option • Track & Trace ⁽²⁾ (GPS unit providing machine location & operating information) • Lockable platform control box cover • Tool tray • Operator Protective Alarm



⁽¹⁾ Increases the width of the machine chassis by approx. 5 cm each side (total 10cm). Still to be confirmed.
⁽²⁾ Includes a first 2 years subscription

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