

# Z45/25RT/J RT



## Self-Propelled Articulating Booms

### Specifications

Models	Z-45/25 RT		Z-45/25J RT	
Measurements	Metric	US	Metric	US
Working height maximum*	15.97 m	51 ft 10 in	16.05 m	52 ft 1 in
Platform height maximum	13.97 m	45 ft 10 in	14.05 m	46 ft 1 in
Horizontal reach maximum	7.49 m	24 ft 7 in	7.52 m	24 ft 8 in
Up and over clearance maximum	7.14 m	23 ft 5 in	7.14 m	23 ft 5 in
<b>A</b> Platform length	0.76 m	2 ft 6 in	0.76 m	2 ft 6 in
<b>B</b> Platform width	1.83 m	6 ft	1.83 m	6 ft
<b>C</b> Height - stowed	2.13 m	7 ft	2.13 m	7 ft
<b>D</b> Length - stowed	5.38 m	17 ft 8 in	6.65 m	21 ft 10 in
<b>E</b> Width	2.29 m	7 ft 6 in	2.29 m	7 ft 6 in
<b>F</b> Wheelbase	2.03 m	6 ft 8 in	2.03 m	6 ft 8 in
<b>G</b> Ground clearance - center	0.37 m	1 ft 2.5 in	0.37 m	1 ft 2.5 in

### Productivity

Lift capacity	227 kg	500 lbs	227 kg	500 lbs
Platform rotation	180°	180°	160°	160°
Vertical Jib rotation	—	—	135°	135°
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero	zero	zero	zero
Drive speed - stowed	7.24 km/h	4.5 mph	7.24 km/h	4.5 mph
Drive speed - raised **	1.00 km/h	0.61 mph	1.00 km/h	0.61 mph
Gradeability - 4WD - stowed***	45%	45%	45%	45%
Turning radius - inside	1.68 m	5 ft 6 in	1.68 m	5 ft 6 in
Turning radius - outside	4.50 m	14 ft 9 in	4.50 m	14 ft 9 in
Controls	12 V DC proportional		12 V DC proportional	
Tyres	355/55 D20		355/55 D20	

### Power

Power source	Deutz diesel D2011L03i 3 cylinder diesel 35.8 kW (48 hp) Perkins diesel 404-D22 4 cylinder diesel 38 kW (51 hp)			
Auxiliary power unit	12 V DC		12 V DC	
Hydraulic tank capacity	83 L	22 gal	83 L	22 gal
Fuel tank capacity	64.4 L	17 gal	64.4 L	17 gal

### Sound & Vibration Levels

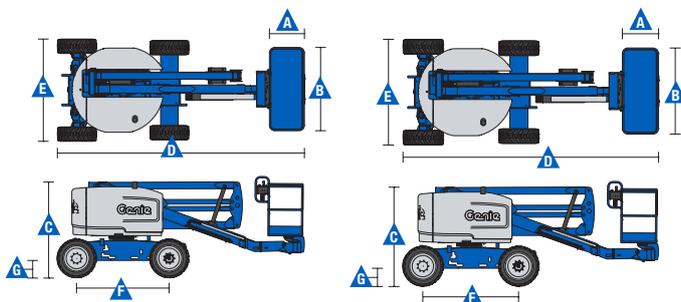
Sound pressure level (ground workstation)	87 dBA	87 dBA	87 dBA	87 dBA
Sound pressure level (platform workstation)	82 dBA	82 dBA	82 dBA	82 dBA
Vibration	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>

### Weight\*\*\*\*

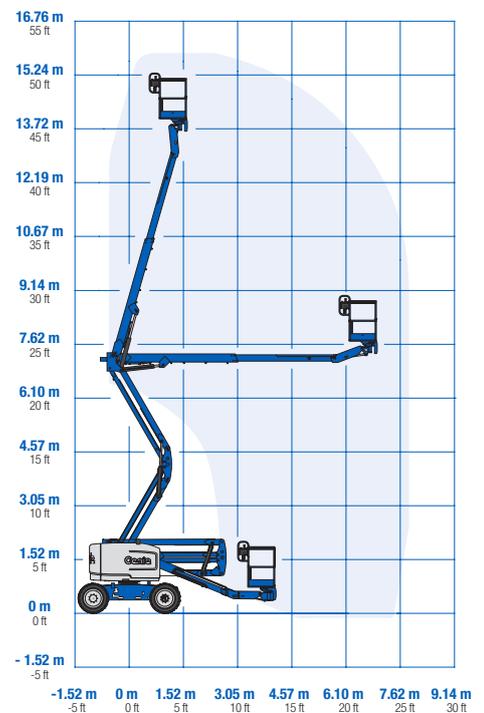
CE 4WD (air tyres)	6,078 kg	13,400 lbs	6,123 kg	13,500 lbs
CE 4WD (foam filled tyres)	6,415 kg	14,144 lbs	6,460 kg	14,244 lbs

### Standards Compliance

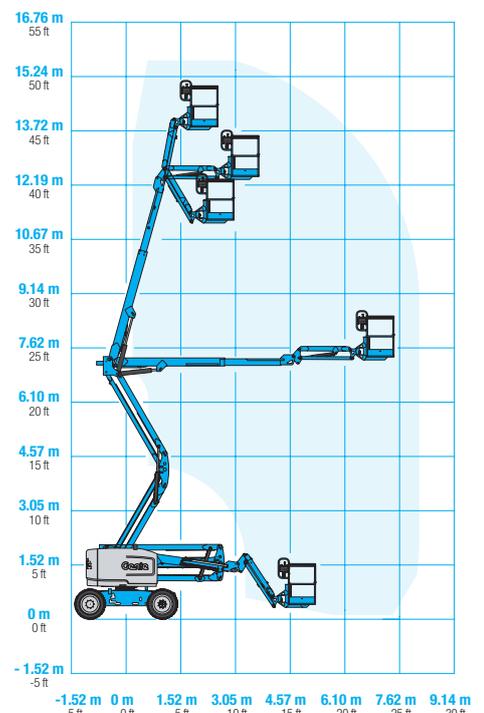
EU Directives: 2006/42/EC - Machinery Directive  
Harmonized Standards: EN280:2001+A2:2009; 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)



### Range Of Motion Z-45/25 RT



### Range Of Motion Z-45/25J RT



\* 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.

# Z45/25RT/J RT

## Self-Propelled Articulating Booms

### Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
<p><b>Measurements</b></p> <p><b>Z-45/25 RT</b></p> <ul style="list-style-type: none"><li>• 15.97 m (51 ft 10 in) working height</li><li>• 7.49 m (24 ft 7 in) horizontal reach</li><li>• 7.14 m (23 ft 5 in) up and over clearance</li><li>• Up to 227 kg (500 lbs) lift capacity</li></ul> <p><b>Z-45/25J RT</b></p> <ul style="list-style-type: none"><li>• 16.05 m (52 ft 1 in) working height</li><li>• 7.52 m (24 ft 8 in) horizontal reach</li><li>• 7.14 m (23 ft 5 in) up and over clearance</li><li>• Up to 227 kg (500 lbs) lift capacity</li></ul> <p><b>Productivity</b></p> <ul style="list-style-type: none"><li>• Self-levelling platform</li><li>• Hydraulic platform rotation</li><li>• Proportional joystick controls</li><li>• Thumb rocker steering</li><li>• Drive enable</li><li>• AC power cord to platform</li><li>• Horn</li><li>• Hour meter</li><li>• Tilt alarm</li><li>• Descent &amp; travel alarms</li><li>• Flashing beacon</li><li>• 355° non-continuous turntable rotation</li><li>• Positive traction drive</li><li>• Two speed wheel motors</li><li>• Certified load sensor</li></ul> <p><b>Power</b></p> <ul style="list-style-type: none"><li>• 12 V DC auxiliary power</li><li>• Engine protection package</li><li>• Deutz intake air heater</li><li>• Swing out engine tray</li></ul>	<p><b>Platform Options</b></p> <ul style="list-style-type: none"><li>• Steel 1.83 m (6 ft) (standard)</li><li>• Steel 1.17 m (3 ft 10 in) (option)</li><li>• Steel 1.83 m (6 ft) tri-entry (option)</li></ul> <p><b>Jib Options</b></p> <ul style="list-style-type: none"><li>• Non-jib</li><li>• Articulating 1.52 m (5 ft) jib boom</li></ul> <p><b>Power Options</b></p> <ul style="list-style-type: none"><li>• Deutz diesel 35.8 kW (48 hp)</li><li>• Perkins diesel 38 kW (51 hp)</li></ul> <p><b>Drive Options</b></p> <ul style="list-style-type: none"><li>• 4 x 4</li></ul> <p><b>Axle Options</b></p> <ul style="list-style-type: none"><li>• Active oscillation</li></ul> <p><b>Tyre Options</b></p> <ul style="list-style-type: none"><li>• Rough terrain air-filled (standard)</li><li>• Rough terrain foam-filled</li><li>• Rough terrain non-marking (air or foam-filled)</li></ul>	<p><b>Productivity</b></p> <ul style="list-style-type: none"><li>• Platform top auxiliary rail</li><li>• Air line to platform</li><li>• Power to platform (incl. plug, socket and ground fault interrupt leakage on request)</li><li>• Work lights package (2 on chassis, 2 on platform)</li><li>• Dual axis joystick steering</li><li>• Biodegradable hydraulic oil</li><li>• Hostile environment kit <sup>(1)</sup>: cylinder bellows, boom wiper seals and platform control box covers</li><li>• Aircraft protection kit <sup>(1,4)</sup>: platform foam padding and padded disable system (available on Jib models only)</li><li>• Tilt cut-out option</li><li>• Track &amp; Trace <sup>(2)</sup> (GPS unit providing machine location &amp; operating information)</li><li>• Panel cradle package <sup>(1)</sup> (requires foam filled tyres &amp; tri-entry platform)</li><li>• Lockable platform control box cover</li><li>• Tool tray</li><li>• Operator Protective Structure</li><li>• Operator Protective Alarm</li></ul> <p><b>Power</b></p> <ul style="list-style-type: none"><li>• Diesel catalytic scrubber muffler with spark arrestor</li><li>• Engine gauge package (oil pressure &amp; temperature)</li><li>• AC generator packages (110V/60Hz - 220V/50Hz, 3000W)</li><li>• Deutz V-belt Generator kit <sup>(3)</sup> (110V-220V)</li><li>• Low temperature cut-out module</li><li>• Engine heater option <sup>(3)</sup></li><li>• Refinery kit with spark arrestor and electric or mechanical Chalwyn valve <sup>(3)</sup></li></ul>



<sup>(1)</sup> Factory-fit option only

<sup>(2)</sup> Includes a first 2 years subscription

<sup>(3)</sup> Available with Deutz engine only

<sup>(4)</sup> Reduces platform load capacity to 440 lbs



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