

EXCELLENT POSITIONING MEETS SUPERIOR HANDLING

Genie® engine-powered articulating Z™-booms provide lifting versatility with a stunning combination of up, out and over positioning capabilities and extensive outreach. They also offer high ground clearance, two- or four-wheel drive options and rough terrain features for easy travel over irregular ground. Ideal for outdoor construction and industrial applications, these units have working heights between 40 ft 6 in (12.52 m) and 66 ft 4 in (20.39 m) and reach out a maximum of 22 ft 3 in (6.78 m) to 36 ft 3 in (11.05 m).



JOB SITE ACCESS

The Z™-boom design provides lifting versatility with “up and over” positioning and excellent outreach. A tight turning radius and zero tailswing allow unmatched maneuverability in confined work areas.



PERFORMANCE AND TERRAINABILITY

Get the job done faster and more efficiently with a powerful combination of speed and gradeability. Genie's full-time positive drive traction system and active oscillating axle work together based on ground conditions to help keep the machine moving without losing traction on rough terrain (oscillating axle optional on some models. Not available on Z™-34/22 IC).



Genie was the first in the industry to introduce the rotating jib.



POSITIONING AND CAPACITY

Powered rotation lets you move the platform exactly where you need it, while the self-leveling feature keeps the platform level through the entire range of motion. 500 lb (227 kg) capacity is standard, easily handling up to two operators and tools. For enhanced platform positioning or to gain additional reach, choose models featuring a 4, 5, or 6 ft (1.22, 1.52, or 1.83 m) jib.

CHOICE AND VERSATILITY

Choose from two- and four-wheel drive, engine, platform, axle and tire options for the best configuration to meet your specific job site requirements. Need extra-rugged performance? Rough terrain models are excellent for traveling (stowed) over irregular or bumpy ground to a worksite.

ROUGH TERRAIN MODELS AVAILABLE

Z™-34/22 IC

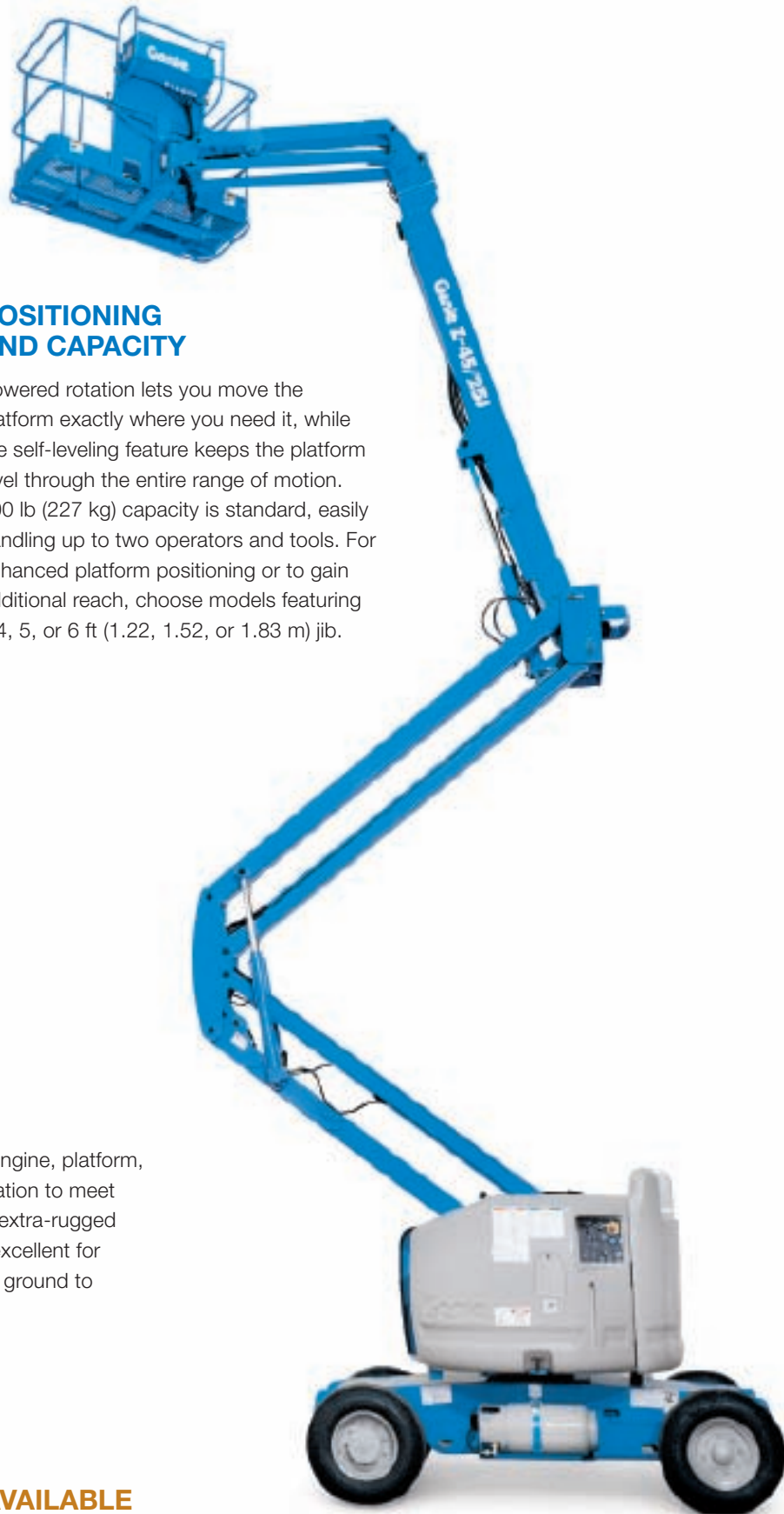
Z™-45/25 IC
NARROW

Z™-45/25J IC
NARROW

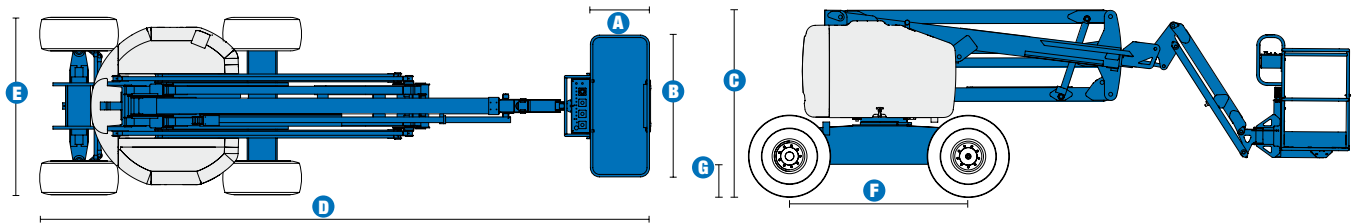
Z™-45/25 RT

Z™-45/25J RT

Z™-60/34



Specifications



MODEL Z™-51/30J RT

MEASUREMENTS	Metric	US
Working height maximum*	17.62 m	57 ft 3 in
Platform height maximum	15.62 m	51 ft 3 in
Horizontal reach maximum	9.25 m	30 ft 4 in
Up-and-over clearance at primary arm	7.16 m	23 ft 6 in
A Platform length	76 cm	2 ft 6 in
B Platform width	1.83 m	6 ft
C Height - stowed	2.16 m	7 ft 1 in
D Length - stowed	7.50 m	24 ft 6 in
E Width	2.29 m	7 ft 6 in
F Wheelbase	2.03 m	6 ft 8 in
G Ground clearance - centre	39 cm	1 ft 3.5 in

PRODUCTIVITY

Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Vertical jib rotation	135°	135°
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	zero
Drive speed - stowed	8 km/h	5 mph
Drive speed - raised**	1 km/h	0.6 mph
Gradeability - 4WD - stowed***	45%	45%
Turning radius - inside	1.68 m	5 ft 6 in
Turning radius - outside	4.50 m	14 ft 9 in
Controls	12 V DC proportional	
Tyres	355/55 D625 foam filled	

POWER

Power source	Deutz F3L 2011 3 cylinder diesel 48 hp (35.8 kW)	
Auxiliary power unit	12 V DC	12 V DC
Hydraulic tank capacity	90 L	24 gal
Fuel tank capacity	64 L	17 gal

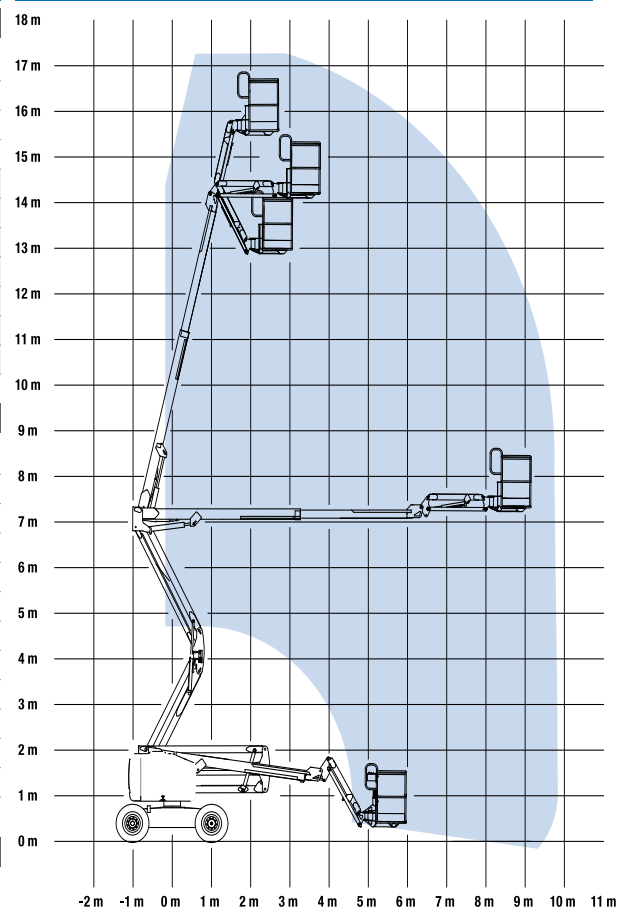
WEIGHT****

	7,213 kg	15,900 lbs
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STANDARDS COMPLIANCE

CE EN280, PB-10-611-03

RANGE OF MOTION Z™-51/30J RT



Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

- Steel 1.83 m (6 ft) (standard)
- Steel 1.22 m (4 ft)
- Steel 1.52 m (5 ft)

JIB

- 1.52 m (5 ft) jib boom

POWER

- Deutz Diesel F3L 2011F 48 hp (35.8 kW)

DRIVE

- 4x4

AXLE

- Active oscillating axle

TYRE OPTIONS

- Rough terrain foam-filled tyres (standard)
- Rough terrain non-marking foam-filled tyres

STANDARD FEATURES

MEASUREMENTS

- 17.62 m (57 ft 3 in) working height
- 9.25 m (30 ft 4 in) horizontal reach
- 7.16 m (23 ft 6 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

PRODUCTIVITY

- Self-levelling platform
- Hydraulic platform rotation
- Fully proportional controls
- Drive enable system
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- 355° non-continuous turntable rotation
- Zero tailswing
- Positive traction drive
- Thumb rocker steer joystick
- Alarm package with beacon
- Certified load sensor

POWER

- All engines are emissions compliant
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Basic hostile environment kit
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- Tow package

POWER

- Engine gauge package
- 3000 watt AC generator (220 V/50hz)
- Diesel scrubber/spark arrestor
- Diesel spark arrestor muffler



Working At Height Limited

(Southern Office)
Amberley Court
Old Elstead Road
Milford
Surrey
GU8 5EB

Tel: 01483 415 410
Fax: 01483 417 719

Working At Height Limited

(Northern Office)
The Portergate
Ecclesall Road
Sheffield
South Yorkshire
S11 8NX

Tel: 0114 209 6206
Fax: 0114 209 6001

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