

Specifications



MODELS	Z™-45/25 RT		Z™-45/25J RT	
MEASUREMENTS	Metric	US	Metric	US
Working height maximum*	16 m	51 ft 11 in	16.07 m	52 ft 2 in
Platform height maximum*	14 m	45 ft 11 in	14.07 m	46 ft 2 in
Horizontal reach maximum*	7.62 m	25 ft	7.65 m	25 ft 1 in
Up-and-over clearance maximum	7.16 m	23 ft 6 in	7.37 m	24 ft 2 in
A Platform length	76 cm	2 ft 6 in	76 cm	2 ft 6 in
B Platform width	1.83 m	6 ft	1.83 m	6 ft
Height - stowed	2.11 m	6 ft 11 in	2.11 m	6 ft 11 in
Length - stowed	5.56 m	18 ft 3 in	6.83 m	22 ft 5 in
🔁 Width	2.29 m	7 ft 6 in	2.29 m	7 ft 6 in
🕞 Wheelbase	2.03 m	6 ft 8 in	2.03 m	6 ft 8 in
G Ground clearance - centre	39 cm	1 ft 3.5 in	39 cm	1 ft 3.5 in



PRODUCTIVITY

POWER

Power source

Auxiliary power unit

Fuel tank capacity

CE 2WD (air tyres)

CE 4WD (air tyres)

CE 2WD (foam filled tyres)

CE 4WD (foam filled tyres)

WEIGHT****

Hydraulic tank capacity

Lift capacity	227 kg	500 lbs	227 kg	500 lbs
Platform rotation	180°	180°	160°	160°
Vertical jib rotation	-	-	135° (+78°/-5	i7°) 135°
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero	zero	zero	zero
Drive speed - stowed	8 km/h	5 mph	8 km/h	5 mph
Drive speed - raised **	1.1 km/h	0.68 mph	1.1 km/h	0.61 mph
Gradeability - 2WD - stowed***	30%	30%	30%	30%
Gradeability - 4WD - stowed***	45%	45%	45%	45%
Turning radius - inside	1.70 m	5 ft 6 in	1.70 m	5 ft 6 in
Turning radius - outside	4.5 m	14 ft 9 in	4.5 m	14 ft 9 in
Controls	12 V DC proportional		12 V DC proportional	
Tyres	355/55 D625		355/55 D625	

Ford DSG-423 4 cylinder petrol/LPG 75 hp (56 kW)

12 V DC

24 gal

17 gal

13,675 lbs

13,875 lbs

14,440 lbs

14,641 lbs

Deutz diesel D 2011 L03i cylinder diesel 48 hp (35.8 kW) Perkins diesel 404-C22 4-cylinder diesel 51 hp (38 kW)

12 V DC

90.8 L

64.4 L

6,486 kg

6,577 kg

6,833 kg

6,924 kg

12 V DC

24 gal

17 gal

14,300 lbs

14,500 lbs

15,064 lbs

15,265 lbs

55 ft 16.76 m 50 ft 15.24 m 45 ft 13.72 m 40 ft 12.19 m 35 ft 10.67 m **30 ft** 9.14 m e 25 ft 7,62 m 20 ft 6.10 m 15 ft 4,57 m **10 ft** 3.05 m **5 ft** 1**.**52 m ۲ 0 ft 0 m -5 ft -1.52 m -5 ft -1.52 m 0 ft 0 m 5 ft 1.52 m 10 ft 3.05 m **15 ft** 4.57 m 20 ft 6.10 m 25 ft 7.62 m 30 ft 9.14 m

RANGE OF MOTION Z[™]45/25J RT

STANDARDS COMPLIANCE CE EN280, PB-10-611-03

* 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.

12 V DC

90.8 L

64.4 L

6,203 kg

6,294 kg

6,550 kg

6,641 kg



SELF-PROPELLED ARTICULATING BOOMS Z[™]-45/25 RT & Z[™]-45/25 J RT

Features

EASILY CONFIGURED TO MEET YOUR NEEDS

PLATFORM OPTIONS

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

JIB OPTIONS

- Non-jib
- 1.52 m (5 ft) jib boom

POWER

- Deutz Diesel 48 hp (35.8 kW)
- Ford petrol/LPG 75 hp (56 kW)
- Perkins diesel 51 hp (38 kW)

DRIVE OPTIONS

- 2 x 4
- 4 x 4

AXLE OPTIONS

- Oscillating (standard on 4WD)
- Non-oscillating

TYRE OPTIONS

- Rough terrain air-filled (standard)
- Rough terrain foam-filled
- Rough terrain non-marking (air or foam-filled)

STANDARD FEATURES

MEASUREMENTS

Z™-45/25 RT

- 16 m (51 ft 11 in) working height
- 7.62 m (25 ft) horizontal reach
- 7.16 m (23 ft 6 in) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

Z™-45/25J RT

- 16.07 m (52 ft 2 in) working height
- 7.65 m (25 ft 1 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
- Thumb rocker steer
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two-speed wheel motors
- Certified load sensor

06/09 Part No. B109362UK



STANDARD FEATURES cont.

POWER

- All engines are emission compliant
- 12 V DC auxiliary power
- Engine protection package
- Deutz intake air heater
- · Swing-out engine tray

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Aircraft protection package*
- · Basic hostile environment kit
- Tool tray
- · Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package (flashing beacon and travel alarm)
- Panel cradle package
- · Platform work lights
- Lockable platform control box cover

POWER

- Engine gauge package
- AC generator packages (110V/60Hz, 3000 W or 220V/50Hz, 2500 W)
- Diesel scrubber muffler with spark arrestor
- LPG tank 15.19 kg (33.5 lb) capacity
- Additional LPG tank with carrier

*Reduces platform capacity to 200 kg (440 lbs), only available on Jib models

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