

Self-Propelled Articulating Booms

Z-45/25 RT & Z-45/25J RT

Specifications

Results	Z-45/25 RT	Z-45/25J RT		
Measurements	ft	Meters	ft	Meters
Working height maximum*	91 ft 10 in	28.89 m	82 ft 1 in	25.03 m
Pattern height maximum	68 ft 10 in	21.08 m	65 ft 1 in	20.03 m
Horizontal reach maximum	24 ft 7 in	7.50 m	21 ft 8 in	7.00 m
Up and over clearance maximum	23 ft 5 in	7.14 m	23 ft 5 in	7.14 m
Platform length	20 ft 0 in	6.09 m	20 ft 0 in	6.09 m
Platform width	4 ft	1.22 m	4 ft	1.22 m
Height - stowed	7 ft	2.13 m	7 ft	2.13 m
Length - stowed	17 ft 8 in	5.38 m	21 ft 11 1/2 in	6.65 m
Width	7 ft 6 in	2.29 m	7 ft 6 in	2.29 m
Weight	8,800 lb	4,000 kg	8,800 lb	4,000 kg
Gross chassis weight	1,922 lb	875 kg	1,922 lb	875 kg

Productivity

Lift capacity	500 lb	227 kg	500 lb	227 kg
Pattern radius	180°	180°	180°	180°
Vertical lift radius	—	—	123'	—
Horizontal radius	300' max - continuous	300' max - continuous	—	—
Horizontal following	100'	—	100'	—
Drive speed - stowed	4.3 mph	1.34 km/h	4.3 mph	1.34 km/h
Drive speed - raised**	0.41 mph	0.12 km/h	0.01 mph	0.01 km/h
Steerability - 2WD - stowed***	30%	30%	30%	30%
Steerability - 4WD - stowed***	0%	0%	0%	0%
Turning radius - stowed	5 ft 6 in	1.68 m	5 ft 6 in	1.68 m
Turning radius - extended	14 ft 9 1/2 in	4.50 m	14 ft 9 1/2 in	4.50 m
Gearbox	12V DC proportional	—	12V DC proportional	—
Tire	31x10.50-15	—	31x10.50-15	—

Power

Power source	Diesel HSD210S 4 cylinder gas/LPG/NG 144.7 kW			
	Diesel Diesel D21113,11 cylinder diesel 180 hp (134.8 kW)			
	Petrol Diesel 404.012.4 cylinder diesel 11 hp (8.3 kW)			
Auxiliary power unit	12V DC			
Hydraulic tank capacity	20 gal	95 L	22 gal	83 L
Fuel tank capacity	17 gal	64.2 L	17 gal	64.2 L

Weight****

500	13,100 lb	5,907 kg	13,200 lb	5,987 kg
600	13,400 lb	6,079 kg	13,500 lb	6,123 kg

Standards Compliance

ANSI A92.32, CSA B384.4, AS/NZS 1612, AS/NZS 1616



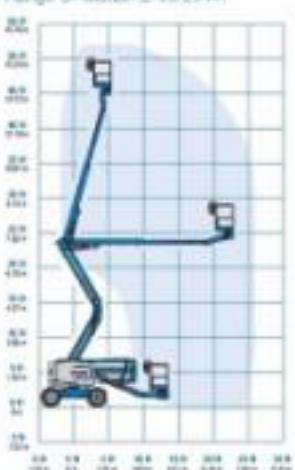
*The vertical equivalent of working height added 2 ft to account for boom height, add 6 ft to location height.

**With a 10 ft 6 in (3.2 m) horizontal distance from the stowed position to the center of the platform.

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****With full rated working weight and maximum fuel and hydraulic oil capacities.

Range Of Motion Z-45/25 RT



Range Of Motion Z-45/25J RT



Self-Propelled Articulating Booms

Z®-45/25 RT & Z®-45/25J RT

Features

Standard Features	Easy Configured To Meet Your Needs	Options & Accessories
Measurements		
Z-45/25 RT	Platform Options:	Productivity
<ul style="list-style-type: none"> • 51 ft 10 in (15.97 m) working height • 24 ft 7 in (7.48 m) horizontal reach • 23 ft 5 in (7.14 m) up and over clearance • Up to 500 lbs (227 kg) lift capacity 	<ul style="list-style-type: none"> • Steel 5 ft (1.83 m) platform • Steel 6 ft (1.83 m) hi-entry 	<ul style="list-style-type: none"> • Platform swing gate • Hat-mast platform-booms with swing gate • Platform top auxiliary rail • Air line to platform • Thumb rocker steer • Fire-resistant hydraulic oil • Backhoe-style hydraulic oil • Aircush protection package • Heavy environment package • Tow tray • Fluorescent tube safety • Pipe saddle (part) • Alarm package (Beacon and travel) • Hand control package • Light package • Lockable platform control box cover • Tow package • Operator Protective Structure
Z-45/25J RT	Job Options:	
<ul style="list-style-type: none"> • 52 ft 1 in (15.85 m) working height • 24 ft 8 in (7.52 m) horizontal reach • 23 ft 5 in (7.14 m) up and over clearance • Up to 500 lbs (227 kg) lift capacity 	<ul style="list-style-type: none"> • Non-jib • 8 ft (2.43 m) booms 	
Productivity	Power Options:	
<ul style="list-style-type: none"> • Self leveling platform • Hydraulic platform rotation • Fully proportional controls • Drive engage • AC power cord to platform • Horn • Hour meter • Tilt alarm • Decibel alarm • 360° non-continuous turntable rotation • Positive traction tires • Two-speed wheel motors 	<ul style="list-style-type: none"> • Ford power PTO 60 hp (44.7 kW) • Diesel diesel 48 hp (36.8 kW) • Perkins diesel 51 hp (38.4 kW) 	
Power	Drive Options:	
<ul style="list-style-type: none"> • 12 V DC auxiliary power • Engine protection package • Diesel intake air header • Swing out engine tray 	<ul style="list-style-type: none"> • 2WD • 4WD 	
	Aux Options:	
	<ul style="list-style-type: none"> • Active insulation (SWD) • Non-insulating (SWD) 	
	Tire Options:	
	<ul style="list-style-type: none"> • Rough terrain air-filled (standard) • Rough terrain foam-filled • Rough terrain non-marking (air or foam-filled) • High traction • Seabolt Insulated air-filled 	
		Power:
		<ul style="list-style-type: none"> • Engine gauge package • AC generator packages (110V/120V/220V/240V/220W/240W) • Cold Weather Package • Diesel particulate/particulate/muffler (catalytic muffler) • LPD tank (33.3 lbs (15.13 kg) capacity)



* Maximum platform capacity to 140 ft (42.67 m) available on Z-45/25RT.

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