

45FT DIESEL BOOM LIFT ARTICULATED

Models	Z-45/25J RT	
Measurements	US	Metric
Working height max. ⁽¹⁾	51 ft 6 in	15.66 m
Platform height max.	45 ft 6 in	13.86 m
Horizontal reach max.	24 ft 8 in	7.52 m
Up and over clearance max.	23 ft 7 in	7.14 m
Ⓐ Platform length	2 ft 6 in	0.76 m
Ⓑ Platform width	6 ft	1.83 m
Ⓒ Height - stowed	7 ft	2.13 m
Ⓓ Length - stowed	21 ft 10 in	6.65 m
Ⓔ Width	7 ft 6 in	2.29 m
Ⓕ Wheelbase	6 ft 8 in	2.03 m
Ⓖ Ground clearance - center	1 ft 3 in	0.37 m

Productivity		
Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	160°	
Jib length	5 ft	1.52 m
Vertical jib rotation	135°	
Turntable rotation	355°	
Turntable tailswing	0 in	0 cm
Drive speed - stowed ⁽²⁾	3.1 mph	5 km/h
Drive speed - raised	0.68 mph	1.1 km/h
Gradeability - stowed ⁽²⁾	45%	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	5 ft 6 in / 14 ft 9 in	1.68 m / 4.50 m
Tires (solid, non-marking)	315/55 D20	

Power		
Power		Diesel
Auxiliary power unit		12V DC
Hydraulic tank capacity	22 gal	83 L
Fuel tank capacity	17 gal	64 L

Weight ⁽³⁾ and Floor Loading ⁽⁶⁾		
Weight	14,363 lb	6,515 kg
Tire contact pressure	60 psi	414 kPa
Occupied floor pressure (tires)	190 psf	9.12 kPa

Sound and Vibration Levels		
Sound Pressure level (ground workstation)	87 dBA	
Sound Pressure level (platform workstation)	82 dBA	
Vibrations	8 ft 2 in/s ²	2.5 m/s ²

