

Z45/25JDC BOOM LIFT

45FT ELECTRIC BOOM LIFT ARTICULATED

Models	Z-45/25J DC	
Measurements	US	Metric
Working height max.(1)	51 ft 9 in	15.94m
Platform height max.	45 ft 9 in	13.94m
Horizontal reach max.	25 ft 1 in	7.65m
Up and over clearance max.	23 ft 9 in	7.24m
Platform length	2 ft 6 in	0.76m
Platform width	6 ft	1.83m
Height - stowed	6 ft 7 in	2.00m
Length - stowed	22 ft 5 in	6.83m
Width	5 ft 10.25 in	1.79m
Wheelbase	6 ft 8 in	2.03m
Ground clearance - center	9.5 in	0.24m

Productivity

Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	160°	
Jib length	5 ft	1.52m
Vertical jib rotation	135°	
Turntable rotation	355°	
Turntable following	0 in	0 cm
Drive speed - stowed ⁽²⁾	3.0 mph	4.8 km/h
Drive speed - raised	0.61 mph	1.0 km/h
Gradeability - stowed ⁽²⁾	30%	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	6 ft/14 ft	1.8m/4.27m
Tires (solid, non-marking)	9x14.5 in	0.23x0.37 m

Power

Power	48V DC (8x6V 350Ah)
Auxiliary power unit	24V DC
Hydraulic tank capacity	8 gal 30.3L

Weight(3) and Floor Loading⁽⁴⁾

Weight	16,315 lb	7,400 kg
Tire contact pressure	100 psi	689 kPa
Occupied floor pressure (tires)	315 psf	15.06 kPa

Sound and Vibration Levels

Sound Pressure level (ground workstation)	< 70 dBA
Sound Pressure level (platform workstation)	< 70 dBA
Vibrations	8 ft 2 in/s ² 2.5 m/s ²

