

Z34/22N BOOM LIFT

34FT ELECTRIC BOOM LIFT ARTICULATED

Models	Z-34/22N	
Measurements	US	Metric
Working height max. ⁽¹⁾	40 ft 6 in	12.52 m
Platform height max.	34 ft 6 in	10.52 m
Horizontal reach max.	22 ft 3 in	6.78 m
Up and over clearance max.	15 ft 3 in	4.65 m
① Platform length	2 ft 6 in	0.76 m
② Platform width	4 ft 8 in	1.42 m
③ Height - stowed	6 ft 7 in	2.00 m
④ Length - stowed	18 ft 9 in	5.72 m
⑤ Storage height	7 ft 5 in	2.26 m
⑥ Storage length	13 ft 9 in	4.19 m
⑦ Width (Tires)	4 ft 10 in	1.47 m
⑧ Wheelbase	6 ft 2 in	1.88 m
⑨ Ground clearance - center	5.5 in	0.14 m
Productivity		
Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	180°	
Jib length	4 ft	1.22 m
Vertical jib rotation	139°	
Turntable rotation	355°	
Turntable tailswing	0 in	0 cm
Drive speed - stowed ⁽²⁾	4.0 mph	6.4 km/h
Drive speed - raised	0.68 mph	1.1 km/h
Gradeability - stowed ⁽³⁾	35 %	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	7 ft/13 ft 5 in	2.13 m/4.08 m
Tires (solid, non-marking)	22×7×17.75 in	56×18×45 cm
Power		
Power	48V DC (8×6V 315Ah)	
Auxiliary power unit	24V DC	
Hydraulic tank capacity	4 gal	15.1 L
Weight ⁽⁴⁾ and Floor Loading ⁽⁵⁾		
Weight	11,415 lb	5,178 kg
Tire contact pressure	103 psi	710 kPa
Occupied floor pressure (tires)	308 psf	14.75 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

