

Z30/20NRJ BOOM LIFT

30FT ELECTRIC BOOM LIFT ARTICULATED

Models	Z-30/20N RJ	
Measurements	US	Metric
Working height max. ⁽¹⁾	35 ft 2 in	10.89 m
Platform height max.	29 ft 2 in	8.89 m
Horizontal reach max.	20 ft 6 in	6.25 m
Up and over clearance max.	12 ft 8 in	3.86 m
① Platform length	2 ft 6 in	0.76 m
② Platform width	3 ft 10 in	1.17 m
③ Height - stowed	6 ft 6.5 in	2.00 m
④ Length - stowed	17 ft 5 in	5.31 m
⑤ Storage height	7 ft 4 in	2.24 m
⑥ Storage length	12 ft	3.66 m
⑦ Width (Tires)	3 ft 11 in	1.19 m
⑧ Wheelbase	5 ft 2 in	1.58 m
⑨ Ground clearance - center	3.5 in	0.09 m

Productivity

Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	180°	
Jib length	4 ft	1.22 m
Vertical jib rotation	139°	
Horizontal jib rotation	180°	
Turntable rotation	355°	
Turntable tailswing	0 in	0 cm
Drive speed - stowed ⁽²⁾	3.0 mph	4.8 km/h
Drive speed - raised	0.68 mph	1.1 km/h
Gradeability - stowed ⁽²⁾	35 %	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	5 ft 5 in / 10 ft 7 in	1.65 m / 3.23 m
Tires (solid, non-marking)	22 x 7 x 17.75 in	56 x 18 x 45 cm

Power

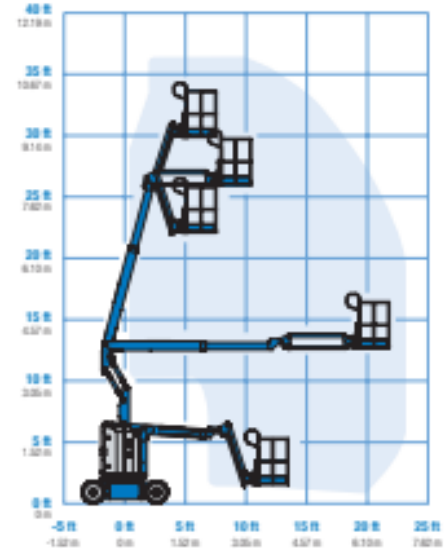
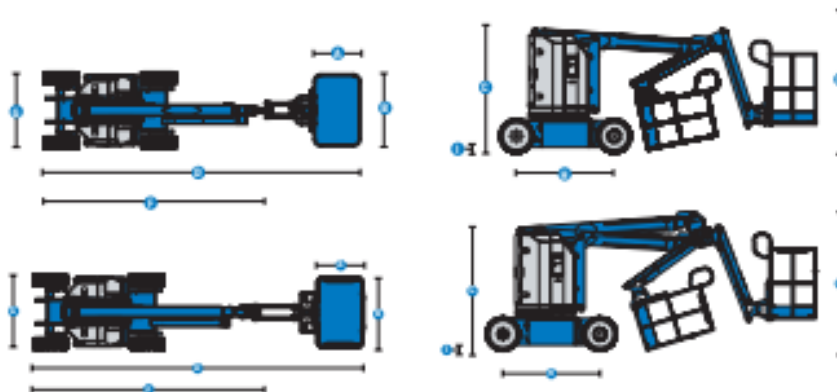
Power	48V DC (8x6V 350Ah)
Auxiliary power unit	24V DC
Hydraulic tank capacity	4 gal 15.1 L

Weight⁽³⁾ and Floor Loading⁽⁴⁾

Weight	14,562 lb	6,605 kg
Tire contact pressure	103 psi	710 kPa
Occupied floor pressure (tires)	537 psf	25.71 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



Jib range of motion Z-30/20N RJ

