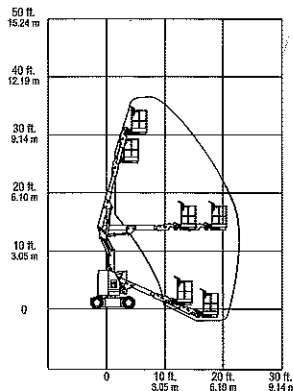


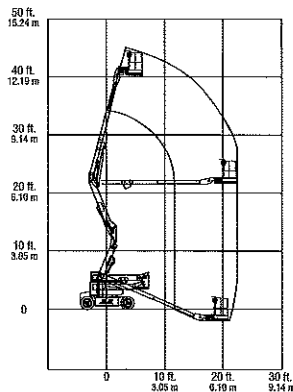
Model E Series ELECTRIC BOOM LIFTS

Specifications

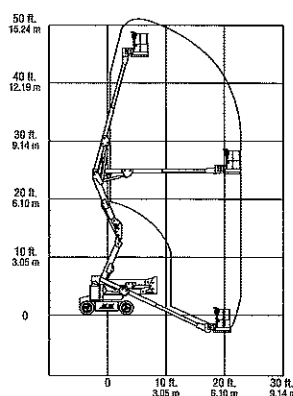
E300



E400



E450



Dimensions

Platform Size	
E300A/J/E300AJP	30 x 48 in. (0.76 x 1.22 m)
E400A Narrow	30 x 48 in. (0.76 x 1.22 m)
E400AJP Narrow	30 x 48 in. (0.76 x 1.22 m)
E400A/E400AJP	30 x 60 in. (0.76 x 1.52 m)
E450A/E450AJ	30 x 60 in. (0.76 x 1.52 m)
Overall Width	
E300A/J/E300AJP	4 ft (1.22 m)
E400A/E400AJP/E450A/E450AJ	5 ft 9 in. (1.75 m)
E400A Narrow/E400AJP Narrow	4 ft 11 in. (1.5 m)
Tailswing	
E300A/J/E300AJP/E400A	Zero
E400A/JP/E450A/E450AJ	Zero
E400A Narrow/E400AJP Narrow	4 in. (10 cm)
Stowed Height	
E300A/J/E300AJP/E400A	6 ft 7 in. (2.0 m)
E400A/JP/E450A	6 ft 7 in. (2.0 m)
E400A Narrow/E400AJP Narrow	6 ft 5.75 in. (1.97 m)
E450A	6 ft 6 in. (1.98 m)
Stowed Length	
E400A/E400AJP/E400A Narrow	18 ft 1 in. (5.5 m)
E400AJP Narrow	18 ft 1 in. (5.5 m)
E450A	19 ft 1 in. (5.82 m)
With Jib	
E300AJ	18 ft (5.49 m)
E450AJ	21 ft 2 in. (6.45 m)
With JibPLUS	
E300AJP/E400AJP	18 ft 8 in. (5.70 m)
E400AJP Narrow	22 ft (8.7 m)
Wheelbase	
E300A/J/E300AJP	5 ft 5 in. (1.65 m)
E400A/E400AJP/E400A Narrow	6 ft 7 in. (2.0 m)
E400AJP Narrow/E450A/E450AJ	6 ft 7 in. (2.0 m)
Ground Clearance	
E300A/J/E300AJP	4 in. (10 cm)
E400A/E400AJP/E450A/E450AJ	8.5 in. (22 cm)
E400A Narrow/E400AJP Narrow	5 in. (13 cm)
Weight	
E400A/E400AJP	12,100 lb (5,488 kg)
E400A Narrow/E400AJP Narrow	13,100 lb (5,942 kg)
E450A	12,600 lb (5,715 kg)
With Jib	
E300AJ	15,300 lb (6,940 kg)
E450AJ	14,400 lb (6,532 kg)
With JibPLUS	
E300AJP	15,650 lb (7,098 kg)
E400AJP	13,700 lb (6,214 kg)
E400AJP Narrow	14,900 lb (6,759 kg)
Ground Bearing Pressure	
E300A/J/E300AJP	121 psi (8.47 kg/cm ²)
E400A/E400AJP	80 psi (5.6 kg/cm ²)
E400A Narrow/E400AJP Narrow	95 psi (6.7 kg/cm ²)
E450A	64 psi (4.48 kg/cm ²)
E450AJ	75 psi (5.25 kg/cm ²)
With JibPLUS	
E300AJP	130 psi (9.1 kg/cm ²)
E400AJP	74 psi (5.2 kg/cm ²)
E400AJP Narrow	185 psi (13.0 kg/cm ²)

Chassis

Drive Speed	
E300A/J/E300AJP	3.0 mph (4.8 kmph)
E400A Narrow/E400AJP Narrow	3.0 mph (4.8 kmph)
E400A/E400AJP/E450A/E450AJ	3.2 mph (5.2 kmph)
Gradeability	
E300A/J/E300AJP	25%
E400A/E400AJP/E400A Narrow	30%
E400AJP Narrow/E450A/E450AJ	30%
Turning Radius (Inside)	
E300A/J/E300AJP	5 ft (1.52 m)
E400A/E400AJP/E450A/E450AJ	2 ft (61 cm)
E400A Narrow/E400AJP Narrow	2 ft 10 in. (86 cm)
Turning Radius (Outside)	
E300A/J/E300AJP	10 ft 2 in. (3.1 m)
E400A/E400AJP/E400A Narrow	10 ft 4 in. (3.15 m)
E400AJP Narrow/E450A/E450AJ	10 ft 4 in. (3.15 m)
Tire Size/Type	
E300A/J/E300AJP	7.5 x 12 Non-Marking
E400A/E400AJP	240/55-17.5 pneumatic
E450A/E450AJ	240/55-17.5 pneumatic
Tire Size/Type (front)	
E400A Narrow/E400AJP Narrow	22 x 6 x 17.5 Non-Marking
Tire Size/Type (back)	
E400A Narrow/E400AJP Narrow	22 x 7 x 12 Non-Marking

Power Source

Electrical System		48V DC
Batteries		8 x 6V, 370 amp-hr
Drive Motors		Dual Electric Traction
Brakes		Automatic Spring Applied Multiple Disks
Hydraulic Motor/Pump		Permanent Magnet Motor/Gear Pump
Hydraulic Reservoir		
E300A/J/E300AJP		3 gal. (11.4 L)
E400A/E400AJP/E400A Narrow		4 gal. (15.2 L)
E400AJP Narrow/E450A/E450AJ		4 gal. (15.2 L)
Generator Set (Multi-Power Options)		
E400A/E400AJP/E400A Narrow		Fully Automatic, 45 Amp Kubota 6 hp Air-Cooled Engine
E400AJP Narrow/E450A/E450AJ		
Engine Fuel Tank		
E400A/E400AJP/E400A Narrow		4 gal. (15.2 L)
E400AJP Narrow/E450A/E450AJ		4 gal. (15.2 L)



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