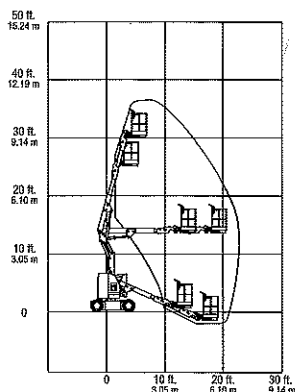


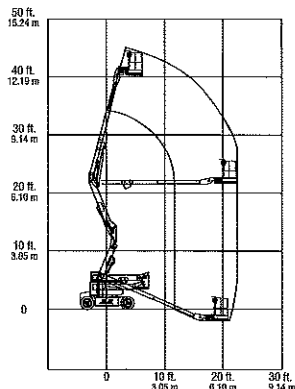
Model E Series ELECTRIC BOOM LIFTS

Specifications

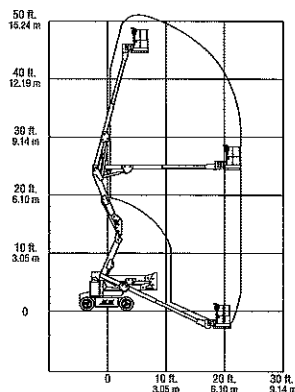
E300



E400



E450



Dimensions

Platform Size

E300AJ/E300AJJP	30 x 48 in. (0.76 x 1.22 m)
E400A Narrow	30 x 48 in. (0.76 x 1.22 m)
E400AJJP Narrow	30 x 48 in. (0.76 x 1.22 m)
E400AJ/E400AJJP	30 x 60 in. (0.76 x 1.52 m)
E450A/E450AJ	30 x 60 in. (0.76 x 1.52 m)

Overall Width

E300AJ/E300AJJP	4 ft (1.22 m)
E400AJ/E400AJJP/E450A/E450AJ	5 ft 9 in. (1.75 m)
E400A Narrow/E400AJJP Narrow	4 ft 11 in. (1.5 m)

Tailswing

E300AJ/E300AJJP/E400A	Zero
E400AJJP/E450A/E450AJ	Zero
E400A Narrow/E400AJJP Narrow	4 in. (10 cm)

Stowed Height

E300AJ/E300AJJP/E400A	6 ft 7 in. (2.0 m)
E400AJJP/E450A	6 ft 7 in. (2.0 m)
E400A Narrow/E400AJJP Narrow	6 ft 5.75 in. (1.97 m)
E450A	6 ft 6 in. (1.98 m)

Stowed Length

E400A/E400AJJP/E400A Narrow	18 ft 1 in. (5.5 m)
E400AJJP 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

E300AJJP/E400AJJP	18 ft 8 in. (5.70 m)
E400AJJP Narrow	22 ft (8.7 m)

Wheelbase

E300AJ/E300AJJP	5 ft 5 in. (1.65 m)
E400A/E400AJJP/E400A Narrow	6 ft 7 in. (2.0 m)
E400AJJP Narrow/E450A/E450AJ	6 ft 7 in. (2.0 m)

Ground Clearance

E300AJ/E300AJJP	4 in. (10 cm)
E400A/E400AJJP/E450A/E450AJJP	8.5 in. (22 cm)
E400A Narrow/E400AJJP Narrow	5 in. (13 cm)

Weight

E400A/E400AJJP	12,100 lb (5,488 kg)
E400A Narrow/E400AJJP 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

E300AJJP	15,650 lb (7,098 kg)
E400AJJP	13,700 lb (6,214 kg)
E400AJJP Narrow	14,900 lb (6,759 kg)

Ground Bearing Pressure

E300AJ/E300AJJP	121 psi (8.47 kg/cm ²)
E400A/E400AJJP	80 psi (5.6 kg/cm ²)
E400A Narrow/E400AJJP 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

E300AJJP	130 psi (9.1 kg/cm ²)
E400AJJP	74 psi (5.2 kg/cm ²)
E400AJJP Narrow	185 psi (13.0 kg/cm ²)

Chassis

Drive Speed

E300AJ/E300AJJP	3.0 mph (4.8 kmph)
E400A Narrow/E400AJJP Narrow	3.0 mph (4.8 kmph)
E400A/E400AJJP/E450A/E450AJ	3.2 mph (5.2 kmph)

Gradeability

E300AJ/E300AJJP	25%
E400A/E400AJJP/E400A Narrow	30%
E400AJJP Narrow/E450A/E450AJ	30%

Turning Radius (Inside)

E300AJ/E300AJJP	5 ft (1.52 m)
E400A/E400AJJP/E450A/E450AJ	2 ft (61 cm)
E400A Narrow/E400AJJP Narrow	2 ft 10 in. (86 cm)

Turning Radius (Outside)

E300AJ/E300AJJP	10 ft 2 in. (3.1 m)
E400A/E400AJJP/E400A Narrow	10 ft 4 in. (3.15 m)
E400AJJP Narrow/E450A/E450AJ	10 ft 4 in. (3.15 m)

Tire Size/Type

E300AJ/E300AJJP	7.5 x 12 Non-Marking
E400A/E400AJJP	240/55-17.5 pneumatic
E450A/E450AJ	240/55-17.5 pneumatic

Tire Size/Type (front)

E400A Narrow/E400AJJP Narrow	22 x 6 x 17.5 Non-Marking
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Tire Size/Type (back)

E400A Narrow/E400AJJP Narrow	22 x 7 x 12 Non-Marking
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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

E300AJ/E300AJJP 3 gal. (11.4 L)

E400A/E400AJJP/E400A Narrow 4 gal. (15.2 L)

E400AJJP Narrow/E450A/E450AJ 4 gal. (15.2 L)

Generator Set (Multi-Power Options)

E400A/E400AJJP/E400A Narrow

E400AJJP Narrow/E450A/E450AJ Fully Automatic,

45 Amp Kubota 6 hp

Air-Cooled Engine

Engine Fuel Tank

E400A/E400AJJP/E400A Narrow 4 gal. (15.2 L)

E400AJJP Narrow/E450A/E450AJ 4 gal. (15.2 L)



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