

ES Series Specifications

Model 1930ES

Model 2030ES

Model 2630ES

Model 2646ES

Model 3246ES

Dimensional Data*

Platform Height – Elevated	18 ft 9 in. (5.72 m)	20 ft (6.10 m)	25 ft 6 in. (7.77 m)	26 ft (7.92 m)	31 ft 9 in. (9.68 m)
– Lowered	34 in. (0.86 m)	43.5 in. (1.10 m)	48.5 in. (1.23 m)	49.5 in. (1.26 m)	49.5 in. (1.26 m)
Platform Railing Height	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)	43.3 in. (1.10 m)
Overall Height	6 ft 5 in. (1.98 m)	7 ft 2.8 in. (2.20 m)	7 ft 7.8 in. (2.33 m)	7 ft 8.8 in. (2.36 m)	7 ft 8.8 in. (2.36 m)
– With Rails Folded	n/a	5 ft 11.5 in. (1.80 m)	6 ft 4.5 in. (1.94 m)	6 ft 5.5 in. (1.97 m)	6 ft 5.5 in. (1.97 m)
Platform Dimensions	30 in. x 73.5 in. (0.76 m x 1.87 m)	30 in. x 90.5 in. (0.76 m x 2.3 m)	30 in. x 90.5 in. (0.76 m x 2.3 m)	44 in. x 98.5 in. (1.12 m x 2.5 m)	44 in. x 98.5 in. (1.12 m x 2.5 m)
– Platform Extension	35.5 in. (0.9 m)	35.5 in. (0.9 m)	35.5 in. (0.9 m)	50 in. (1.27 m)	50 in. (1.27 m)
Overall Machine Length	6 ft 1.5 in. (1.87 m)	7 ft 6.5 in. (2.3 m)	7 ft 6.5 in. (2.3 m)	8 ft 2.5 in. (2.5 m)	8 ft 2.5 in. (2.5 m)
– With Rails Folded	n/a	9 ft 1.5 in. (2.78 m)	9 ft 1.5 in. (2.78 m)	9 ft 9.5 in. (2.98 m)	9 ft 9.5 in. (2.98 m)
Overall Machine Width	30 in. (76 cm)	30 in. (76 cm)	30 in. (76 cm)	46 in. (1.17 m)	46 in. (1.17 m)
Wheelbase	5 ft 3 in. (1.6 m)	6 ft 2 in. (1.88 m)	6 ft 2 in. (1.88 m)	6 ft 10 in. (2.09 m)	6 ft 10 in. (2.09 m)
Ground Clearance	3.5 in. (8.8 cm)	3.5 in. (8.8 cm)	3.5 in. (8.8 cm)	5 in. (12.7 cm)	5 in. (12.7 cm)
Tire Size (Non-Marking Solid)	12.5 in. x 4 in. (31.8 cm x 10 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)	16 in. x 5 in. (40.6 cm x 12.5 cm)

Performance Data

Platform Capacity (ANSI)	500 lb (227 kg)	800 lb (363 kg)	500/800 lb (227/363 kg)	1,000 lb (454 kg)	700/1000 lb (318 /454 kg)
– Capacity On Deck Extension	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)	250 lb (113 kg)
Lift/Lower Time	22/28 seconds	30/30 seconds	40/40 seconds	40/40 seconds	50/50 seconds
Maximum Drive Height	18 ft 9 in. (5.72 m)	20 ft (6.10 m)	25 ft 6 in. (7.77 m)	26 ft (7.92 m)	31 ft 9 in. (9.68 m)
Gross Vehicle Weight (ANSI/CSA)	2,750 lb (1,247 kg)	3,750 lb (1,700 kg)	4,750 lb (2,155 kg)	4,770 lb (2,163 kg)	4,780 lb (2,168 kg)
Ground Bearing Pressure	109 psi (7.66 kg/cm ²)	81 psi (5.69 kg/cm ²)	90 psi (6.32 kg/cm ²)	87 psi (6.11 kg/cm ²)	87 psi (6.11 kg/cm ²)
Drive Speed, Lowered	3.0 mph (4.82 kmph)	2.75 mph (4.43 kmph)	2.75 mph (4.43 kmph)	2.5 mph (4.00 kmph)	2.5 mph (4.00 kmph)
Drive Speed, Elevated	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)	0.5 mph (0.8 kmph)
Gradeability	25%	25%	25%	25%	25%
Turning Radius (Inside)	0	0	0	0	0
Turning Radius (Outside)	69 in. (1.75 m)	81 in. (2.06 m)	81 in. (2.06 m)	95.1 in. (2.41 m)	95.1 in. (2.41 m)

Power System/Chassis

Batteries	4 x 6V, 220 amp-hr	4 x 6V, 220 amp-hr†	4 x 6V, 220 amp-hr†	4 x 6V, 220 amp-hr†	4 x 6V, 220 amp-hr†
Charger	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)	20 Amp Automatic (120V/240V–50/60HZ)
Pump	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear	Fixed Clearance Gear
Hydraulic Reservoir	1.25 gal (4.73 L)	1.25 gal (4.73 L)	1.25 gal (4.73 L)	1.7 gal (6.4 L)	1.7 gal (6.4 L)
Brakes (On Drive Wheels)	Electric, Friction	Electric, Friction	Electric, Friction	Electric, Friction	Electric, Friction
Rail Type	Fixed	Fold Down	Fold Down	Fold Down	Fold Down
Drive	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)	24V Electric (8 hp)

*Certain weights and dimensions may vary due to options and to compliance with country standards.

†Optional 4 x 6V, 245 amp-hr