

SJ12/16 E

VERTICAL MAST LIFTS



STANDARD FEATURES

- Variable speed, front two-wheel AC electric drive
- Overload sensing system
- Drivable at full height
- Integrated control system
- On-board visual interface with diagnostic capabilities
- Standard Skyjack colour and numbered wiring
- Shroud style, impact resistant composite control box
- Proportional controls for drive & lift functions
- Tilt alarm (2.5° x 1.5°) with drive & lift cut-out
- Lift up chassis centre cover for easy access
- 24V DC power with low voltage battery protection
- Universal smart charger
- Solid rubber, non-marking tyres
- 90° Steering (zero inside turning radius)
- 25% Gradeability
- Dual electrically released holding brakes
- Inverted mast with multi-stage lift cylinder
- 0.41 m Traversing platform
- Full height spring hinged entry gate
- Lanyard attachment points
- Wiring for AC outlet at platform
- Fixed pothole protection
- Forklift pockets and tie down / lift lugs
- Single point emergency lowering
- Operator horn
- Telematics ready



- 15% operational carbon saving compared to previous model



- Up to 30% improvement in duty cycle



- ZERO emissions



- <70 dB inherently quiet machine operation (excl. alarms)
- White noise/broadband alarms - *optional*



- 90% recyclable (by weight)



- 70% less hydraulic connections – reduces leak potential
- ECOTRAY leak containment - *optional*
- Bio-degradeable hydraulic oil - *optional*



- Telematics – remote diagnostics reduces site visits (operational carbon foot print)
- Battery Management system* – improves battery life

† Standard lead times may be increased when optional equipment is added, consult factory.

‡ Capacities and machine weights may differ when options are added.

* Only available with ELEVATE telematics

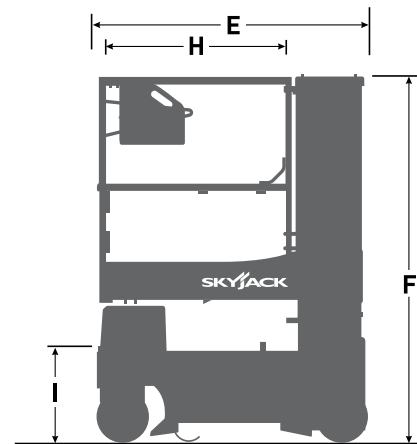
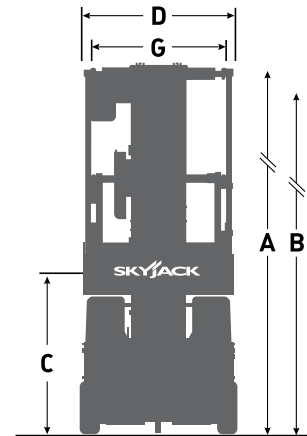


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SJ12/16 E VERTICAL MASTS

Dimensions	SJ12 E	SJ16 E
A Work Height	5.66 m	6.72 m
B Raised Platform Height	3.66 m	4.72 m
C Lowered Platform Height	0.76 m	
D Overall Width	0.77 m	
E Overall Length	1.37 m	
F Stowed Height (Top of Mast)	1.88 m	
G Platform Width (Inside Dimension)	0.69 m	
H Platform Length (Inside Dimension)	0.91 m	
I Platform Step in Height (First Step)	0.46 m	
Specifications	SJ12 E	SJ16 E
Traversing Platform (Roll Out)	0.41 m	
Ground Clearance (Lowest point)	2.54 cm	
Ground Clearance (Highest point)	9 cm	
Wheelbase	1.12 m	
Weight	913 kg	931 kg
Gradeability	25%	
Turning Radius (Inside)	0	
Turning Radius (Outside)	1.40 m	
Lift Time (With Rated Load)	15 sec	21 sec
Lower time (With Rated Load)	16 sec	22 sec
Drive Speed (Stowed)	3 km/h	
Drive Speed (Raised)	0.5 km/h	
Maximum Drive Height	Full Height	
Capacity (Overall)	227 kg	
Local Floor Load (With Rated Load)	1059 kPa	1167 kPa
Overall Floor Load (With Rated Load)	10.1 kPa	10.4 kPa
Maximum # of Persons at 0 m/s wind rating	2	1
Maximum # of Persons up to 12.5 m/s wind rating	1	0 (Optional 1 to 3.65m)
Tyre Type	Solid, Non-Marking	
Tyre Size	252 mm x 102 mm	



ACCESSORIES[†]

- Light duty pipe rack
- Tool tray (SJ12 E only)
- Florescent tube carrier

OPTIONS[‡]

- All motion audible alarm
- Dual flashing lights
- Saloon style full height gate
- Bio oil
- 12.5 m/s wind rating to 3.66 m (SJ16 E only)
- Secondary guarding lift enable (SGLE)
- White Noise Alarm
- ELEVATE Telematics
- ELEVATE Battery Management System (BMS) *



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