

SIMPLY TRANSFORMED: VERTICAL MAST LIFTS



- New impact resistant control box

- New mast design – Smooth operation
- Multi-stage cylinder

- New mesh platform for increased visibility
- Increased versatility and return on investment
- Up-and-over capability and easy service access – 16in traversing deck

OPTIONS*

- Wind rating (SJ16 E & SJ20 E)
- ECOTRAY
- Light duty pipe rack
- Tool tray (SJ12 E & SJ20 E)
- Fluorescent tube carrier
- Full-height saloon gate
- ELEVATE telematics (with or without Battery Management System (BMS))
- 4 x 6V (220Ah) Batteries
- White noise alarm



	<ul style="list-style-type: none"> ■ 15% operational carbon saving compared to previous model
	<ul style="list-style-type: none"> ■ Up to 30% improvement in duty cycle
	<ul style="list-style-type: none"> ■ ZERO emissions
	<ul style="list-style-type: none"> ■ <70 dB inherently quiet machine operation (excl. alarms) ■ White noise/broadband alarms - <i>optional</i>
	<ul style="list-style-type: none"> ■ 90% recyclable (by weight)
	<ul style="list-style-type: none"> ■ 70% less hydraulic connections – reduces leak potential ■ ECOTRAY leak containment - <i>optional</i> ■ Bio-degradeable hydraulic oil - <i>optional</i>
	<ul style="list-style-type: none"> ■ Telematics – remote diagnostics reduces site visits (operational carbon foot print) ■ Battery Management system – improves battery life

- New front wheel electric drive performance – improved duty cycle and cost of ownership
- Real-time fault identification – Onboard SKYCODED™ diagnostic screen

- ECOTRAY – Leak Containment System*
- Improved design pothole protection - no moving parts
- Spin-off oil filter

* Options: Standard lead times may be increased when optional equipment is added, consult factory. Capacities and machine weights may differ when options are added.

VERTICAL MAST LIFTS

Skyjack has simply transformed its vertical mast range with a complete redesign of the SJ12 and SJ16 to align with the success of the award winning SJ20. Now bearing the E for Electric drive in its name, the new powerful drive system, onboard diagnostics and lifting mechanism all work together to increase efficiency, serviceability and performance, offering a compelling ROI.

ELECTRIC DRIVE

Variable speed electric drive with front wheel hydraulic steer, provides exceptional duty cycles.

- Superior drive efficiency
- Drivable at full height
- Improved gradeability and consistent torque – for loading and offloading onto trucks
- Fully proportional drive and lift controls
- Zero maintenance AC Brushless motors

MAST

A new design with closed multi-stage cylinders in the mast section.

- NO chains, sheaves, or bushings to reduce maintenance
- NO site debris buildup that could damage components
- Improved mast overlaps for rigid and smooth operation at height

PLATFORM

- Removable mesh flooring that's easy to replace – Allows operator to see base of machine without having to look over the side
- Standard 16" foot-actuated traversing deck – lockable in different positions
- Standard with a half-height gate and 6" kickplate while having the option for a full-height saloon style gate
- Newly designed impact resistant control box
 - Joystick for controls (up/down and drive and steer functions)
 - Toggle switch for drive and lift/lowering
 - Battery indicator gauge
 - Emergency stop button
 - Operator horn
- Load sense enabled through loadcells located underneath the platform. LED indicator (in control E-stop) flashes when you're overloaded

MACHINE BASE

- A single location emergency lowering pull valve at rear of base
- 5" x 2.5" Forklift pockets at rear of machine
- Tie down point and lifting lugs
- A CanBus 650W smart charger
- AC Power to platform outlet
- Base controls which includes:
 - Emergency stop button with an LED indicator (flashes when overloaded)
 - Battery disconnect switch and machine lockout
 - Raise/lower functions and key switch
- Freewheel toggle switch
- Fixed design pothole protection. No maintenance or moving parts. Freedom to fork from the side
- Easy access to service internal pump/motor, manifold and batteries that are from the top of the base without the need to raise platform

ECOTRAY - LEAK CONTAINMENT SYSTEM*

ECOTRAY

A leak containment system that captures all potential leak points with easily removable and replaceable pads.

ONBOARD DIAGNOSTICS SCREEN

Allows operators or service technicians to see real-time faults in plain, simple language readouts. No plug-in calibration is necessary for day-to-day troubleshooting.



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