SIMPLE TO REPLACE BOLT-IN RAILINGS

Bolt-in platform railings not only provide a durable structure but also a service part that's easily replaceable. Sections can be replaced individually which translates to lower replacement costs for both parts and labor. Tri-entry (SJ40 T+/SJ45 T+/ SJ60 AJ+) or dual-entry (SJ45 AJ+). Optional gate entrances and different sized platforms are also available.

SGE

ELECTRICAL SECONDARY GUARDING SYSTEM

Skyjack's SGE system is intended to prevent sustained involuntary operation. When pushed, the sensor bar instantly stops all functions and initiates an audible siren and high-intensity flashing beacon.

OPTIONAL FEATURES

ELEVATE

MORE THAN TELEMATICS

ELEVATE provides the actionable insights to make your business more efficient. Skyjack has worked with customers to identify and provide the most important data points that solve day-to-day pain points in rental service and management.

Beyond hours and location provided by basic telematics systems, ELEVATE delivers machine specific alerts and analysis which can dramatically reduce unnecessary service calls and trips to site for diagnostic work.

These Skyjack specific group of features deliver immediate impact for your business:

- Overload detection and reporting
- True machine utilization (time loaded at height)
- CAN data and alerts (including engine)
- Full data access

ELEVATE LIVE

It's operators and site supervisors that determine how your machine is treated. These roles need data to make the right decisions to get the work done, and to take care of your machines.

ELEVATE Live provides machine specific telematics data, as well as machine specific familiarization and documentation.

To the operator.
At the machine.
When it's needed.

Strictly relevant data like battery charging guide, battery life remaining, and active fault codes are provided to operators at the machine instantly via a QR code scan.

Machine documentation like emergency lowering procedure, visual pre-check guide, familiarization videos are all there with the tap of a finger. No downloading an app. No username or password required.

ACCESSORYZERS™

Skyjack's approved accessories are designed to add functionality to your machine and convenience for the operator.

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www.skyjack.com

NA 07/21

NEW
40' & 60' BOOMS

SKYJACK™
simply reliable

RE-VISUALIZED, RE-POWERED, **RETURN**

Skyjack's new 40ft and 60ft booms have been redesigned to improve customer return by using SMARTORQUE™ technology and data-driven design.

Skyjack's SMARTORQUE™ utilizes optimized gearing, and a simplified, high-efficiency hydraulics package, so these models can employ 25hp engines to deliver similar on-site job performance as higher powered units.

With these changes, rental companies can quickly improve their return on investment.

- Significantly less sensor & emission regulation components minimizes any associated downtime
- Reduced fuel usage through reduced engine size
- No downtime related to after treatment components clogging in colder climates
- No dealing with customer issues on active regeneration
- No expensive ($500 - $1,000) Diesel Oxidization Catalyst (DOC) or ($5 - 10,000) Diesel Particulate Filter (DPF) maintenance or replacement needs
- Reduced engine OEM intervention and loss of uptime
- No reliance on ultra low sulfur fuel reduces costs and improves resale options

DESIGNED FOR RENTAL

Skyjack conducted detailed studies using over two years of telematics data on machine usage so that a true pattern of operational usage could be determined. With over 50% of boom operations (drive or lift function) done in the mid-speed range, it is clear that the power being provided by the traditional engine size is not only underutilized, but not required.

Following additional in-depth research with customers, Skyjack identified a balance where a revised design could be employed to suit operator practice without detrimentally affecting on-site machine performance.

MODEL						
SJ40 T+	46' 7" (14.20 m) 40' 7" (12.37 m)	33' 11" (10.34 m)	-	7' 6" (2.29 m)	25' 4.25" (7.73 m)	7' 10.5" (2.40 m)
SJ45 T+	51' 1.5" (15.58 m) 45' 1.5" (13.75 m)	39' 8.25" (12.10 m)	-	7' 6" (2.29 m)	28' 11.5" (8.83 m)	7' 10.5" (2.40 m)
SJ45 AJ+	51' (15.54 m) 45' (13.72 m)	22' 9" (6.93 m)	24' 5.25" (7.45 m)	7' 6" (2.29 m)	19' 8" (6.00 m)	6' 9" (2.06 m)
SJ60 AJ+	66' (20.11 m) 60' (18.29 m)	37' 11" (11.56 m)	27' 2" (8.31 m)	8' (2.44 m)	28' 2" (8.59 m)	8' 4" (2.54 m)

SJ40 T+	-	170°	360°	2.5 mph (4.0 km/h)	40%	14,805 lbs (6,715 kg)	750 / 1,000 lbs (340 / 454 kg)
SJ45 T+	+65° / -60°	170°	360°	2.5 mph (4.0 km/h)	40%	15,780 lbs (7,160 kg)	660 / 1,000 lbs (300 / 454 kg)
SJ45 AJ+	+70° / -75°	170°	355° NC	2.5 mph (4.0 km/h)	40%	11,190 lbs (5,075 kg)	660 lbs (300 kg)
SJ60 AJ+	+65°/-60°	170°	360°	2.5 mph (4.0 km/h)	40%	18,865 lbs (8,557 kg)	660 / 1,000 lbs (300 / 454 kg)

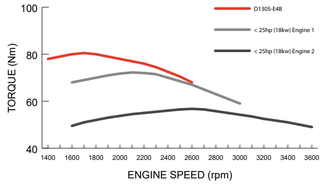
SMARTORQUE™

LET'S TALK TORQUE

Engine manufacturers recognize that equipment utilizing their engines vary by applications and the output they subsequently require. Looking at the different power classes highlights this variability. Skyjack conducted extensive testing and investigation on different engine models to see what the impact would be on typical job site driving conditions and function speeds.

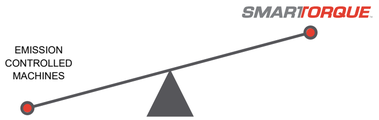
When selecting a rough terrain machine to operate on a job site, the expectation is that it can navigate the various terrains it will encounter – the focus isn't usually on how fast it can drive on flat ground. Through these investigative efforts, trade-offs have been made to drive speed, but the impact on tractive effort was kept to a minimum.

TORQUE CURVES



TOTAL COST OF OWNERSHIP

The hidden cost of Stage V and Tier IV Final Emission Controls
Comparing a 74 hp emission controlled boom with Skyjack's SMARTORQUE™



SMARTORQUE™, combined with Skyjack's proven AXLDRIVE™ mechanical 4WD system, delivers the necessary torque and performance found in larger engines.

- The return of simple, straightforward service and maintenance of engines
- Avoidance of expensive emission controlling sensors
- Reduced calls to customers who have a machine down ultimately due to failed emission controlling components. No need to monitor operators to ensure they are treating emission modules correctly
- Reduced risk of costly emission controlling component replacements or in some cases engine replacements
- Smaller engines require less fuel

AXLDRIVE™

RIGHT ENGINE FOR THE RIGHT MACHINE

With less power now being supplied by the engine, Skyjack also looked at other opportunities to better alleviate any losses in power. Typically, larger machines require more power not only because of the work are they doing but also because of the extra weight they carry. Reduced machine weight better supports the smaller engine and performance. An added benefit of this change is improved shipping and transport flexibility.

REAL JOB SITE CONDITIONS

Machines were operated on flat and inclined surfaces, as well as different ground conditions - hard and loose soil, sand and mud. From an operator's standpoint, the difference was negligible. Driving on flat ground at top speed will be noticeable, but when navigating rough terrain on a typical job site, performance will be similar to larger engined machines.

- No change to function speed performance
- Minimal change to multi functioning
- Increased fuel economy
- Safe and comfortable driving on all terrains

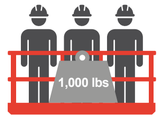
BIGGER ISN'T ALWAYS BETTER

While bigger engines can often provide greater performance, it does not follow that they provide the best return – maintenance costs and associated downtime are also greater.

Engines have become much more complex and legislation globally is driving a requirement for more emission controlling devices (DOC, DPF and more). These devices and their impact on engine maintenance can quickly drive up the cost of ownership.

INCREASED PLATFORM CAPACITIES

In carrying out these changes, Skyjack maintained the recently announced improvements in platform capacities. Changes that brought capacities up to 1,000 lbs (454 kg) and 3 persons in the platform.



- Increases productivity
- Integrated with load sensing
- Lights on control box indicate zone, based on weight and position

The job site you previously navigated with no issues, can still be navigated with no issues.

UNIQUE TO SKYJACK

SKYCODED™
COLOR CODED & NUMBERED WIRING

SPEEDYREACH™
MAXIMUM SPEED & CONTROL
(SJ60 AJ+ ONLY)

EASYDRIVE™
DRIVE & STEER DIRECTION SENSING

SKYRISER™
TRUE VERTICAL RISE
(SJ45 AJ+,SJ60 AJ+ ONLY)