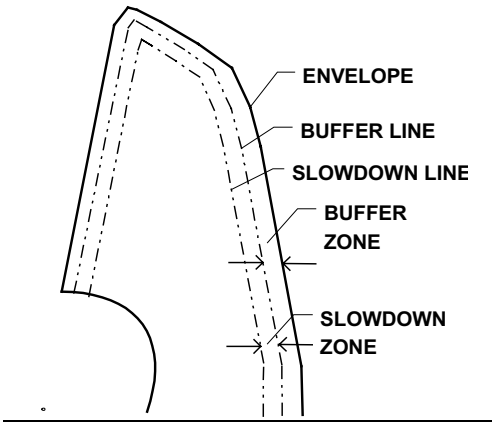
VALUE GUIDE

New Product

Ultra Series 1200SJP/1350SJP

Controlled Arc Envelope – Simulates the operation of smaller boom lifts by providing a sweeping arc. Provides the largest work ranges in the industry. When the platform is at the edges of the work envelope the lift and telescope functions are automatically controlled when the lift function is selected to move the platform through a smooth arc equal to the percentage of extension. If the operator starts with the boom extended 100% they will end up at 100% extension no matter where the machine is stopped in the arc. This eliminates the saw tooth no-operation areas found on competitive products.

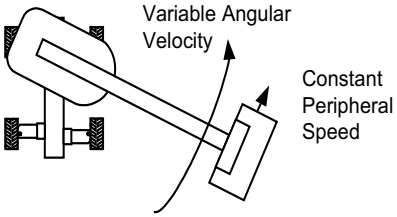
Envelope Tracking - When the platform approaches the edges of the operation envelope all boom functions are slowed down automatically resulting in smoother platform operation. When the platform enters the **slow down zone** functions will begin to decelerate until reaching creep speed mode as the platform enters the buffer zone. The **buffer zone** is 2 ft. around the perimeter of the envelope. The slow down zone is based on the distance required to decelerate the platform to creep speed and can be as much as 2 ft.



Capacity Control – Automatically limits the work envelope to match the selected capacity (500 or 1000 lbs). matches the capacity and reach requirements of the job. Jib sideswing is locked out when the 1000-lb capacity envelope is selected.

JibPLUS® – Provides both vertical and horizontal motion for increased access in confined work areas. The JibPLUS provides more precise control by allowing the operator to rotate the main boom to within a safe distance and then side swing the 8 ft. jib to position the basket closer to the work area. The jib plus can also be powered stowed for transport.

Models in Series
1200SJP, 1350SJP



Swing Speed Proportioning – Maintains a constant platform velocity by slowing down the swing speed as the platform radius increases. This results in higher swing speeds at shorter reach and improved operator comfort at longer reach

Platform Leveling – The platform is leveled in relation to gravity during all functions including drive. This maintains a level platform even when climbing or descending a grade and increases the comfort level of the operator.

Drive System – Full time 4 WD utilizes two drive pumps - each driving one side of the machine plus 2 front to rear rotary flow dividers. This insures maximum tractive effort and oil flow to the drive wheels with traction. Maximum drive speed is modulated with the steering angle of the wheels to eliminate the whiplash effect which can occur when driving at full speed and maximum steering angle. Drive speed is also reduced when the boom is swung over the side of the chassis.

Drive Orientation – The drive function is cut-out when the boom is not in the normal travel position between the rear wheels. An indicator light on the upper control box will prompt the operator to check the position of the boom in relation to the chassis. The operator can then press a momentary drive orientation switch and drive is enabled.

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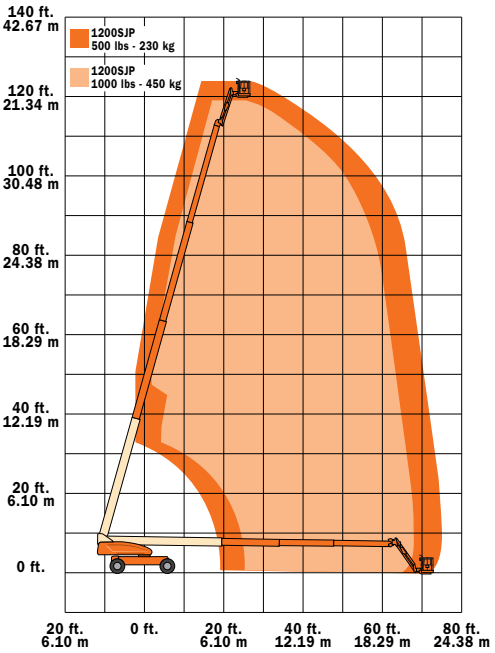
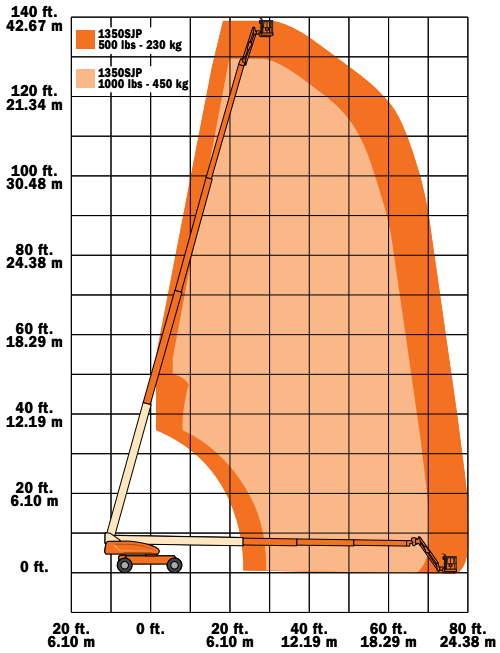
Axle Extension – Axles extend when machine is driving and only requires 12' to fully extend the axles in high speed and 8-10 ft. in creep speed. Axle extension is signaled to the operator by flashing lights during extension that becomes a solid light when the axles are set. The axle extension system was designed to be like another function rather than a set-up operation. Steer and oscillating axle are fully functional when extending or retracting the axles increasing the ability to maneuver through congested work sites. JLG axle overlap is considerably more than on Genie's models resulting in a tighter fit and a more rigid axle that will be more durable over time

4-Wheel Steer – 3 steering modes; 2-wheel steer, 4-wheel coordinated, or crab steering featuring an industry best 1:1 crab ratio (allows the machine to travel one foot sideways for each 1 ft. of forward travel). The control system automatically synchronizes the wheels when switching between steer modes. Proportional control varies steer speed and allows wheels to stay synchronized similar to a traditional tie-rod steering system. This also allows a industry best 45 degree steering angle with the axles extended and 25 degree angle with the axles retracted.

Model 1200SJP



Model 1350SJP



REACH SPECIFICATIONS	1200SJP	1350SJP
Platform Height - 500 lbs Capacity	120 ft. (36.58m)	135 ft. (41.18m)
Platform Height - 1000 lbs Capacity	115 ft. 2in (35.10m)	125 ft. 4in (38.20m)
Horizontal Reach - 500 lbs. Capacity	75 ft. (22.86m)	80 ft. (24.38m)
Horizontal Reach - 1000 lbs Capacity	68 ft. (20.73m)	70 ft. (21.34m)
Reach Envelope	1,665,697 cu.ft.	2,108,231 cu. ft.
Platform Capacity — Unrestricted	500 lbs. (230kg)	
Platform Capacity — Restricted	1000 lbs. (450kg)	
JibPLUS: Length	8 ft. (2.44m)	
Horizontal Motion(1)	180 degrees	
Vertical Motion	130 degrees (+75/-55)	

(1) Capacity restricted to 500 lbs. (230kg)