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Item #14177569 - 2022 Skyjack SJ45 AJ 4WD Diesel Articulating Boom Lift



Item Details:

- Features: 45 ft Max Platform Height, 660 lb Max Weight Capacity, Jib, Power to Platform, Onboard Generator, Kubota 3 Cylinder Diesel Engine, 31x10-20 Solid Tires
- Meter Reading: 407 Hours
- Serial #: A301100298
- Inspection Completed: 10/17/25

Shipping Details:

- Location Minnesota (Steele County)
- Loading Dock Available: No
- Pickup Hours: null-null
- You will need a copy of your IronPlanet Item Release to pick the item up. You must call at least 24 hours in advance to schedule pickup

Inspection Report

Note: This condition inspection report is the result of an impartial, systematic, documented process focused on the establishment of the general, overall mechanical condition of a piece of equipment, or of a vehicle, at a specific time. The purpose of the inspection is to establish the "as is" operational capability of the machine. It is not a performance or load test on the item.

Inspection Ratings Key

★★★★	Limited use or recently replaced. Free of visible wear or defects.
★★★☆☆	Performs within the tolerances expected for age and type of item
★★☆☆☆	Although performing, shows indication of needing repair or replacement
★☆☆☆☆	Needs immediate repair/replacement. Requires work if it is to perform as expected

General Appearance

Item	Assessment	Photo
Picture, Left Front Corner		
Picture, Left Rear Corner		
Picture, Right Rear Corner		
Picture, Right Front Corner		

Serial Number / VIN	A301100298	
CE Mark	No CE mark found	
Hour Meter / Odometer	407 hrs	
Paint	No visible damage	
Body Panels	No visible damage or missing components	
Basket / Safety Railing	No visible damage or missing components	
General Appearance #1		
General Appearance #2		

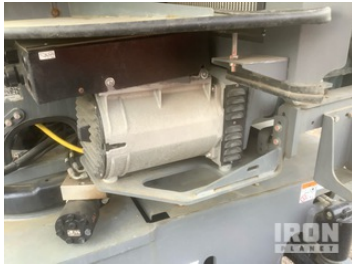
Safety		
Item	Assessment	Photo
Horn	Operational	
Current Safety Manual	Yes	
Current Operator/Maintenance Manual	Yes	

Control Station Ground		
Item	Assessment	Photo
Function Controls	☆☆☆☆	
Oil Pressure	The fault indicator shuts off after the engine oil pressure rises.	
Warning Lights	Operational	
Limited Function Check	The main components are in place and operational as noted.	

Control Station

Pin connection pivot point wear inspections are limited to sound, sight and feel observations. Dial indicator testing is not performed.

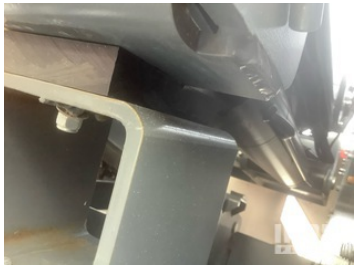
Item	Assessment	Photo
Control Console	No visible damage or missing components	
Emergency Shut Off Switch	Operational	
Safety Control Hand/Foot Switch	★★★★☆ Operational	
Function Controls	★★★★☆	
Engine Warning Lights	Operational	
Limited Function Check	The main components are in place and operational as noted.	

Engine		
Item	Assessment	Photo
Starter	Operational	
Fuel System	Operational	
Exhaust System	No visible damage or missing components	
Radiator	★★★★☆	
Oil Leaks	No dripping leaks	
Onboard Generator	Not operationally checked	
Engine - Left Side		
Engine - Right Side		
Limited Function Check	The engine started and ran.	

Drivetrain

Operational test is limited to low speed in a confined flat area without load. Differential interlocks, full transmission shifting and functionality of all drive axles cannot be fully verified. Inspector listens for abnormal noises, observes leaks and notes physical damage.

Item	Assessment	Photo
Left Front Final Drive	★★★★☆	
Left Rear Final Drive	★★★★☆	
Right Rear Final Drive	★★★★☆	
Right Front Final Drive	★★★★☆	
Front Center Drive Motor	★★★★☆	
Limited Function Check	The drivetrain was operational.	

Hydraulics		
See photos for condition		
Item	Assessment	Photo
Pumps (Hydraulics)	★★★★☆	
Valves	★★★★☆	
Hydraulic Tank	★★★★☆	
Hoses (Hydraulic)	★★★★☆	
Steering Cylinders	★★★★☆	
Boom Lift Cylinder	★★★★☆	

Secondary Boom Cylinder	★★★★☆	
Boom Extension Cylinder	★★★★☆	
Jib Cylinder	★★★★☆	
Basket Tilt Cylinder	★★★★☆	
Basket Rotator Motor	★★★★☆	
Frame Leveling Cylinders	★★★★☆	
Limited Function Check	The hydraulic system was operational.	
Hydraulics #1		

Hydraulics #2		 A close-up photograph of a hydraulic cylinder and boom joint on a lift. The cylinder is black and mounted on a metal plate. The boom is a thick black metal arm. The background shows a gravel surface and a white wall. An "IRON PLANET" logo is visible in the bottom right corner of the image.
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Chassis		
Item	Assessment	Photo
Steering Linkage	★★★★☆	
Frame Condition	★★★★☆	
Brake System	★★★★☆ The brake system functioned, stopping and holding the machine.	
Left Front Tire	No visible defects	
Left Rear Tire	No visible defects	
Right Rear Tire	No visible defects	
Right Front Tire	Cracks	
Wheel Condition	No visible damage or missing components	

Turntable Bearing	★★★★☆	
Swing Motor	★★★★☆	
Hydraulic Center Swivel	★★★★☆	
Boom Condition	★★★★☆	
Left Side of Boom		
Right Side of Boom		
Boom Wear Guides	★★★★☆	

Jib Condition	☆☆☆☆	
Work Basket		

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