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Item #12781132 - 2023 Astec Ranger SRT11 Tracked Screen Plant



Item Details:

- Features: 2022 US EPA Label, Deutz TCD 2.2L3 3 Cylinder 2.1 L Diesel Engine, 5 ft 9 in x 13 ft 4 in Belt Feeder w/Hydraulic Raise Grizzly Trommel Screen, 30 in Wide Feed Conveyor, 29.5 in Wide Fines Discharge Conveyor, 40 in Wide Under Screen Conveyor, 29.5 in Wide Left Discharge Conveyor, 40 in Wide End Discharge Conveyor, Cable Remote Control, 16 in Triple Grouser Track Shoes
- Meter Reading: 129 Hours
- Serial # : 225XXX
- Inspection Completed: 12/12/24





Shipping Details:




- Location Maryland (Cecil County)
- Loading Dock Available: No
- 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		
CE Mark	No CE mark found	







Hour Meter / Odometer	129 hrs	
v3 General Appearance # 1		
v3 General Appearance # 2		





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
Gauges	Operational	
Engine Controls	★★★★☆	
Crusher/Screen Controls	★★★★☆	
Limited Function Check	The main components are in place and operational as noted.	
Control Station #1		







Engine		
Item	Assessment	Photo
Emission Certification Label	US EPA certification label	
Starter	Operational	
Exhaust System		
Radiator	★★★★☆	
Oil Leaks	No dripping leaks	
Fuel Leaks	No dripping leaks	
Cooling System Leaks	No dripping leaks	
Engine - Left Side		
Limited Function Check (Engine)	The engine started and ran.	
Engine #1		








Engine #2







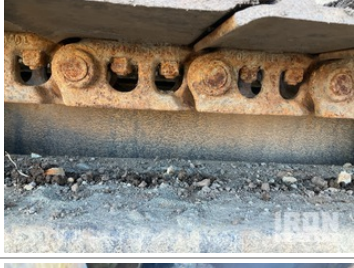

<h2>Hydraulics</h2>		
<p>See photos for condition</p>		
Item	Assessment	Photo
Pumps (Hydraulics)	★ ★ ★ ☆	
Hydraulic Motors	★ ★ ★ ☆	
Valves	★ ★ ★ ☆	
Hydraulic Tank	★ ★ ★ ☆	
Hoses		
Conveyor Cylinders	★ ★ ★ ☆	








Stabilizer Jack Cylinders	★★★★☆	
Power Travel Drive System	★★☆☆☆ 1 Travel Speed, Feels weak	
Limited Function Check	The hydraulic system was operational. Left Discharge Conveyor doesn't operate, belt is super loose and off track.	
Hydraulics #1		
Hydraulics #2		








Chassis		
Item	Assessment	Photo
Feed Hopper	★★☆☆☆ Length @ top: 13 ft 4 in, Width @ top: 5 ft 9 in, Width between grizzly bars: 8 in	
Feed Conveyor Condition	★★☆☆☆ 30 in wide feed belt	
Feed Conveyor Frame	★★☆☆☆	
Feed Conveyor Drive Motor	★★☆☆☆ Operational	
Feed Conveyor Rollers	★★☆☆☆	
Discharge Conveyor Condition	★★☆☆☆	

<p>Discharge Conveyor Drive Motor</p>	<p>★★★★☆ Operational</p>	
<p>Discharge Conveyor Rollers</p>	<p>★★★★☆</p>	
<p>Screen Deck</p>	<p>★★★★☆</p>	
<p>Chassis #1</p>		
<p>Chassis #2</p>		
<p>Chassis #3</p>		
<p>Chassis #4</p>		

Chassis #5		 A photograph showing the front view of a tracked screen plant chassis. The large, dark, curved metal hopper is the central feature, supported by a heavy-duty metal frame. The tracks are visible at the bottom. The background shows an outdoor industrial yard with other equipment under a clear blue sky. An "IRON PLANET" watermark is visible in the bottom right corner.
Chassis #6		 A photograph showing the rear view of a tracked screen plant chassis. The large, circular opening of the hopper is prominent, revealing the internal structure. The tracks and the rear support frame are visible. The background is an outdoor industrial yard. An "IRON PLANET" watermark is visible in the bottom right corner.
Chassis #7		 A photograph showing a side view of a tracked screen plant chassis. The chassis is positioned on a gravel surface. The tracks and the lower part of the metal frame are clearly visible. The background shows an outdoor industrial yard with other equipment. An "IRON PLANET" watermark is visible in the bottom right corner.
Chassis #8		 A close-up photograph of the tracks and the lower metal frame of a tracked screen plant chassis. The tracks are dark and appear to be made of a heavy-duty material. The metal frame is light-colored and shows signs of wear. An "IRON PLANET" watermark is visible in the bottom right corner.

Undercarriage		
Item	Assessment	Photo
Left Roller Frame		
Left Track Tensioner		
Left Track Pads		
Left Grouser Height	18 mm	
Left Track Links		
Left Track Bushings	Bushings have not been turned	

Left Track Rollers		
Left Idler		
Left Sprocket		
Right Roller Frame		
Right Track Tensioner		
Right Track Pads		
Right Grouser Height	18 mm	

Right Track Links		
Right Track Bushings	Bushings have not been turned	
Right Track Rollers		
Right Idler		
Right Sprocket		
Undercarriage #1		
Undercarriage #2		

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