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Item #12781137 - 2023 Astec Ranger i32 Tracked Impact Crusher Plant



Item Details:

- Features: Cat C4 4 Cylinder Diesel Engine, Requires Diesel Exhaust Fluid, Vibratory Pan Feeder 35 in Wide End Discharge Conveyor, 33 in x 5 ft 10 in Cross Belt Magnet, Cable Remote Control, 16 in Triple Grouser Track Shoes
- Meter Reading: 120 Hours
- Serial # : 224XXX
- Inspection Completed: 12/13/24

Shipping Details:





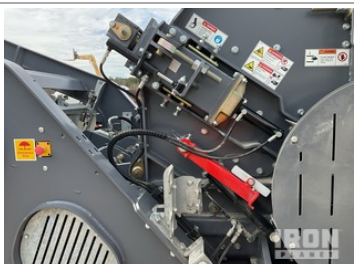

- Location Georgia (Atlanta area)
- Loading Dock Available: No
- You will need a copy of your IronPlanet Item Release to pick the item up. You must call at least 24 hours in advance to schedule pickup







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

Chassis		
IronPlanet pin connection pivot point wear inspections are limited to sound, sight and feel observations. Dial indicator testing is not performed.		
Item	Assessment	Photo
Chassis #20		
Chassis #19		
Chassis #18		







<h2>Hydraulics</h2>		
See photos for condition		
Item	Assessment	Photo
Hydraulics #18		
Pumps (Hydraulics)	★★★★☆	
Hydraulic Motors	★★★★☆	
Valves	★★★★☆	
Hydraulic Tank	★★★★☆	
Hoses		
Crusher Door Cylinders	★★★★☆	

Conveyor Cylinders	★★★★☆	
Power Travel Drive System	★★★★☆ 1 Travel Speed	
Limited Function Check	The hydraulic system was operational.	
Hydraulics #1		
Hydraulics #2		
Hydraulics #3		
Hydraulics #4		
Hydraulics #5		





Hydraulics #6		
Hydraulics #7		
Hydraulics #8		
Hydraulics #9		







General Appearance		
Item	Assessment	Photo
Picture, Left Front Corner		
Picture, Left Rear Corner		
Picture, Right Rear Corner		
Picture, Right Front Corner		
Hour Meter / Odometer	120 hrs	
v3 General Appearance # 1		







v3 General Appearance # 2		 <p>A side view of the Astec Ranger i32 tracked impact crusher plant. The machine is white with black accents and is positioned in an outdoor lot. An "IRON PLANET" watermark is visible in the bottom right corner of the image.</p>
v3 General Appearance # 3		 <p>A rear view of the Astec Ranger i32 tracked impact crusher plant. The machine is white with black accents and is positioned in an outdoor lot. An "IRON PLANET" watermark is visible in the bottom right corner of the image.</p>
v3 General Appearance # 4		 <p>A side view of the Astec Ranger i32 tracked impact crusher plant. The machine is white with black accents and is positioned in front of a building with "ERS" visible on the wall. An "IRON PLANET" watermark is visible in the bottom right corner of the image.</p>
v3 General Appearance # 5		 <p>An interior view of the Astec Ranger i32 tracked impact crusher plant, showing the hopper and conveyor system. An "IRON PLANET" watermark is visible in the bottom right corner of the image.</p>








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		
Control Station #2		
Control Station #3		

Control Station #4		
Control Station #5		
Control Station #6		
Control Station #7		
Control Station #8		
Control Station #9		






Engine		
Item	Assessment	Photo
Emission Certification Label	None found	
Blow by @ idle (subjective visual observation)	No noticeable vapor or pressure	
Starter	Operational	
Exhaust System		
Radiator	★★★☆☆	
Oil Leaks	No dripping leaks	
Fuel Leaks	No dripping leaks	
Cooling System Leaks	No dripping leaks	








Engine - Left Side		
Engine - Right Side		
DEF / AdBlue Tank		
Limited Function Check (Engine)	The engine started and ran.	
Engine #1		
Engine #2		
Engine #3		








Chassis		
Item	Assessment	Photo
Crusher Base Frame	★★★★☆	
Crusher Chamber Frame	★★★★☆	
Crusher Drive System	★★★★☆	
Discharge Conveyor Condition	★★★★☆	
Discharge Conveyor Drive Motor	★★★★☆ Operational	
Discharge Conveyor Rollers	★★★★☆	

Discharge Conveyor Head and Tail Pulley	★★★★☆	
Chassis #1		
Chassis #2		
Chassis #3		
Chassis #4		
Chassis #5		
Chassis #6		

Chassis #7		 A close-up photograph of a red wheel with a black tire mounted on a metal chassis. The wheel is positioned on a concrete surface. An "IRON PLANET" logo is visible in the bottom right corner of the image.
Chassis #8		 A close-up photograph of a metal grate or screen structure on a tracked impact crusher chassis. The grate is made of heavy-duty metal bars. An "IRON PLANET" logo is visible in the bottom right corner of the image.
Chassis #9		 A close-up photograph of a tracked impact crusher chassis, showing a large, curved metal component, possibly a hopper or a part of the impactor. The chassis is dark grey or black. An "IRON PLANET" logo is visible in the bottom right corner of the image.
Chassis #10		 A close-up photograph of a tracked impact crusher chassis, showing internal mechanical components, including a large metal plate and various bolts and fasteners. An "IRON PLANET" logo is visible in the bottom right corner of the image.

Undercarriage		
Item	Assessment	Photo
Left Roller Frame		
Left Track Tensioner		
Left Track Pads		
Left Grouser Height	19 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	19 mm	

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

Undercarriage #3		
Undercarriage #4		
Undercarriage #5		

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