

Sensor X 23



General Check

Item	Status	Comment / Part info
Machine stable and leveled correctly, isn't rocking or vibrating unusually		
Correct height according to other equipment (if any)		
Excessive wear or damage to any part of unit		
Loose assemblies, doors, guides		
Cracks, dents, and scratches		
Check touch screen calibration and function		



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Cabinets, Doors and Covers		
Check function, adjust and/or replace		
Item	Status	Comment / Part info
Check compartment sealing condition		
Check for leakage, water accumulation or moisture in tube area		
Check for loose or missing cable glands		
Sensor cover has all bolts and plastic washers		
Check the tube radiator/fan cowl on back of machine for dust or particles		
Check the tube radiator/fan function		
Check the condition of cover gas springs		
Parts in cabinet are free from corrosion		
Check for any misalignment of doors and covers		
Check sensor area and drain 19mm plugs for water accumulation		
All covers closed and bolted tightly?		
Check locks for doors		
Change air filters		



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Machine Mechanical Parts

Check function, adjust and/or replace

Item	Status	Comment / Part info
Check condition of belt		
Belt tension		
Check sensor cover gasket and bolts		
Check water nozzle		
Check plastic x-ray lids upper and lower for cracks		
Check skid racks are not bent or damaged		
Check if water in top warning indicator light		
Check condition and position of motor roller		
Check condition and position of scraper		
Are both drain pipes present?		
Check the condition of the reject mechanism		
Test the reject, does it move in sync, smoothly and quickly?		
Check condition of rollers/bushings both on infeed and reject		
Sensor adjustment bolt caps are present		



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Safety System		
Check function, adjust and/or replace		
Item	Status	Comment / Part info
Check all safety switches cut off the safety circuit		
Check function of x-ray safety light on top		
Check all safety warnings in alarm screen		
Check that e-stops stop the belt and x-ray generator		
Not able to start x-ray if safety circuit is open		
Check if x-ray enable key present		
Key removable in disable status		
Not removable in enable status		
Check all safety markings are visible		
Mains and Motors/Service labels on disconnect switches		



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Sensor X accessories		
Check function, adjust and/or replace		
Item	Status	Comment / Part info
Plastic Belts are in good shape, no broken links		
Belt tension is correct and belts are tracking properly		
Belt tension rollers are all present and in good condition		
Motor sprockets are in good shape, teeth not worn down		
M3000 Screens are functioning and visible		
Footswitches are working to clear M3000 Screen		
Table lamps are functioning		
Photo eyes are in good condition and functioning		
Cabinets are clean and neat		
In-feed guides are in place and functioning		



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Electrical System

Check function, adjust and/or replace

Item	Status	Comment / Part info
Check condition of E-stop buttons		
Check safety switches on doors and covers		
Check 24Vdc Power Supply		
Check for loose connections		
Check for shield connection on motor cable		

Notes: