

**DRYER SYSTEM (Cont)**

COMPONENT	CHECK FOR
Master rollers	Broken teeth, loose gudgeons, adequate end play
Exit	Roughened surface (not worn off)
Entrance	Freedom in operation (not tacky)
Bearings	No appreciable up-and-down play
Pinned rods	Pins (must be straight)
<b>Wash Rack</b>	
Spray tubes	Holes in spray tube
<b>Roller Racks</b>	Cleanliness (freedom from chemical deposits)
	Freedom from bacterial growth (algae) on wash rack
	Freedom in operation (must turn freely by hand)
Chain	Tension and wear
Gears and sprockets	Broken or worn teeth
Bearings	No appreciable vertical play of drive shaft
Rollers	Warping (particularly at top and bottom of vertical path)
	Mesh with ladder chain
	End play (at least 1/16 inch)

**DRYER SYSTEM (Cont)**

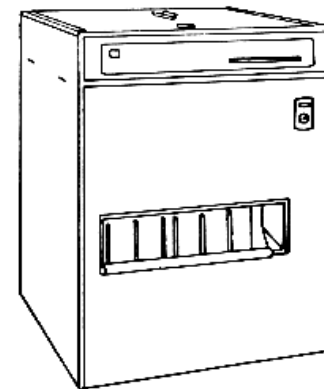
COMPONENT	CHECK FOR
Idler assembly	Wear and freedom in operation
Studs	Signs of wear (tight at side plate)
Turnaround	Adjustment square with rack rollers
Cluster rollers	Warping, broken teeth, or loose gudgeons
Master roller	Broken teeth, or loose gudgeons in wash rack
	Roughened surface (not worn off)
	Guide pins (straight and tight)
<b>Dryer Thermometer</b>	Temperature (check with thermometer of known accuracy)

**CHECKPOINTS AT FEED STATION**

COMPONENT	CHECK FOR
Feed Tray	Alignment (square with developer pack tie rod)

**GTA 05-02-041**

**OPERATOR'S PREVENTIVE  
MAINTENANCE CHECKS AND  
SERVICES (PMCS)  
CHECKLIST FOR AUTOMATIC  
FILM PROCESSOR**



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### CHECKPOINTS IN PROCESSING SECTION

COMPONENT	CHECK FOR
<b>Detector Roll Assembly</b>	
Detector roller	Cleanliness (freedom from dirt and dust)
Worm gear	Signs of wear
Sprocket	Broken or worn teeth
Worm	Burrs
Bearing	Signs of wear
<b>Crossover Assemblies</b>	Cleanliness (freedom from chemical deposits)
	Freedom in operation (must turn freely by hand)
	Squareness
Drive gear	Broken teeth
Cluster rollers	Warping, broken teeth, or loose gudgeons
Studs	Signs of wear
Guide shoes	Burrs on tips
	Roughness on ribs (must be smooth)
Master roller	Broken teeth, loose gudgeons
	Roughened surface (not worn off)
Master roller bearings	Signs of wear (no appreciable vertical play of drive shaft)

### PROCESSING SECTION (Cont)

COMPONENT	CHECK FOR
<b>Air Intake Filter Assembly</b>	Cleanliness
<b>Drive System</b>	
Drive chain	Tension, wear, and lubrication
Sprockets	Alignment and wear
Bearings	Wear and lubrication
<b>Plumbing</b>	
Connections	External leaks (anywhere behind plumbing panel)
Solution recirculation system	Solution surface in developer and fixer tanks for agitation
Developer filter	Surface agitation of developer

### CHECKPOINTS IN REPLENISHER SECTION

COMPONENT	CHECK FOR
<b>Flowmeter</b>	Air bubbles or draining back of solution (indicates improper operation of check valve)
<b>Strainer Assemblies</b>	Cleanliness
<b>Replenisher Tubing</b>	Kinks, fatigue, and leaks
<b>Replenisher Tanks</b>	Solutions (freedom from encrustations or contamination, should be clear, not cloudy)
<b>Replenisher Pumps</b>	Leaks
	Flows freely

### CHECKPOINTS IN DRYER SYSTEM

COMPONENT	CHECK FOR
<b>Drive Belt</b>	Signs of wear (a slight amount of fraying is normal)
<b>Drive System</b>	
Bearings	Signs of wear
Chain	Signs of wear
Sprocket	Signs of wear, broken or worn teeth
Idler assembly bearings	Signs of wear
Idler assembly	Freedom of movement. Verify that the spring is in the proper condition.
<b>Dryer Transport Rollers</b>	Cleanliness
	Properly seated rollers
<b>Transport Roller Holders</b>	Cleanliness (freedom from foreign matter)
<b>Air Tubes</b>	Cleanliness (freedom from dust and lint)
<b>Squeegee Crossover</b>	Cleanliness (freedom from dirt)
	Freedom in operation (rollers must turn freely)
Gears	Signs of wear
	Setscrews (must be tight)
Cluster rollers	Warping (freedom from bind)
Guide shoes	Rips and tips (burrs)