



Preventive Maintenance – Spray Equipment Lathe With Traversing Polisher

Preventive Action	Safety Inspection	Basic Service Contract	Upgraded Service Contract
Service Interruption	Minimal	Medium	Full planned outage
Headstock:			
Lubricate bearings		X	X
Check motors for spin speed	X	X	X
Check wear of pulleys and belt		X	
Replace pulleys and belt			X
Chuck run out and adjust			X
Concentricity and adjust			X
Inspect dead center	X	X	X
Inspect position of safety cover	X	X	X
Check RPM pickup		X	X
Adjust gearbox oil level			X
Tailstock:			
Check condition of live center	X	X	X
Inspect air valve and cylinder	X	X	X
Inspect air regulator & gauge	X	X	X
Inspect air lines for leakage	X	X	X
Add hydraulic pump oil			X
Check hydraulic cylinders		X	X
Check hydraulic lines	X	X	X
Check gauge for functionality		X	X
Inspect rollers and CAMS	X	X	X
Traverse:			
Check V-groove rollers	X	X	X
Adjust gearbox oil level			X
Adjust gearbox mount plate			X
Check gear rack and pinion	X	X	X
Check limit switches	X	X	X
Check traverse play	X	X	X
Check air valve for leakage	X	X	X
Check air cylinder	X	X	X



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Traverse (continued)			
Check air regulators	X	X	X
Check air gauge and lines	X	X	X
Check steady rest and actuator	X	X	X
Polisher:			
Check motor for free spin	X	X	X
Check wear of contact wheels	X	X	X
Check tensioning actuator	X	X	X
Check condition of air lines	X	X	X
Check vertical actuator	X	X	X
Check turnbuckle	X	X	X
Check that cover is in place	X	X	X
Check swivel brake functionality	X	X	X
Zipper Duct:			
Check condition of seal	X	X	X
Ensure ducting free of debris	X	X	X
Check flexible ducting for damage	X	X	X
Bed:			
Check centerline alignment		X	X
Check top surface for tail stk.	X	X	X
Inspect leveling bolts	X	X	X
Inspect floor anchors	X	X	X
Check flex chains and cables	X	X	X
Inspect connectors	X	X	X



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Control panel:			
Check safety circuits		X	X
Clean VFD		X	X
Clean cooling fan		X	X
Check intake fan	X	X	X
Inspect RPM display	X	X	X
Check local & remote controls		X	X
Inspect terminal tightness			X
Test incoming power		X	X
Test control power (VDC or VAC)		X	X
Test amp draw for lathe		X	X
Test amp draw for traverse		X	X

Note: Additional charges will apply if travel time to facility is greater than one hour from Arzell, Inc.