

INSPECTION CHECKLIST

Floor-Mounted Jib Crane



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Floor-Mounted Jib Crane Comprehensive Inspection Checklist

NO.	Inspection Item	Inspection Interval	Checked By	Checked On	Findings	Next Inspection
1 - Entire System						
1.1	Overall impression of the system; ask operating personnel about existing deficiencies	6 Months				
2 - Column						
2.1	Inspect slide bushing and disc for wear	12 Months				
2.2	Inspect column for deformation and mechanical damage	12 Months				
2.3	Inspect mounting screws and anchor bolts for tightness/condition	12 Months				
3-Running Rails						
3.1	Inspect aluminium extrusions for damage/deformation (especially after forklift transport)	12 Months				
3.2	Clean rail running surfaces and inspect for wear	12 Months				
3.3	Inspect stops, buffers and retaining clips; tighten fasteners	12 Months				
4-Trolleys						
4	Inspect all trolleys for damage (focus on load-bearing points)	12 Months				
4.2	Check rollers for smooth, quiet operation and wear condition	12 Months				
4.3	Inspect side pinch rollers for functionality and wear	12 Months				
4.4	Check suspension bolt wear (max allowable: 1mm diameter loss)	12 Months				
4.5	Verify retaining clips on suspension bolts	12 Months				

4.6	Inspect connectors between trolleys and lifting equipment	12 Months				
5-Trailing Line Power Supply						
5.1	Check cable for damage, kinks and proper routing; verify trolley clamping	12 Months				
5.2	Inspect cable trolleys for wear and running performance	12 Months				
5.3	Check cable driver and end clamp seating condition	12 Months				
6-Hoist						
6	Verify operating mechanisms and controls function properly	Daily				
6.2	Inspect control cable/chain and housing for cracks/damage	Daily				
6.3	Check load block for cracks and deformation	Daily				
6.4	Test safety latch (throat latch) for proper operation	Daily				
6.5	Inspect load chain/cable for wear, elongation, twisted links and fraying	Daily				
6.6	Test trolley operation (all directions); check for free movement, unusual noise	Daily				
6.7	Inspect brake function and reliability	Daily				
6.8	Test photo-eye function (safe distance monitoring)	Daily				