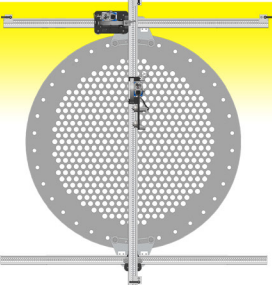




Lightweight Positioner with Sentinel Automation Technology

OPERATING WINDOW RECOMMENDATIONS

Understanding the design intent and limitations of the Sentinel-enabled Lightweight Positioner when planning your job is crucial for a successful turnaround. The table below illustrates StoneAge recommendations for use of equipment to ensure smooth and safe operations throughout the job.

WITHIN SYSTEM PARAMETERS	OUTSIDE SYSTEM PARAMETERS	BEYOND SYSTEM CAPABILITIES
Proceed according to instructions in product manual	Proceed with an understanding of possible issues	Seek support through StoneAge Solutions to accommodate limits of the equipment
		
4-8 FEET 122-244 cm	8-10 FEET 244-305 cm	10-12 FEET 305-366 cm
WITHIN SYSTEM PARAMETERS	OUTSIDE SYSTEM PARAMETERS	BEYOND SYSTEM CAPABILITIES
Proceed according to instructions in the LWPS product manual .	<p>POTENTIAL HAZARD:</p> <p>The rail may flex or twist upon encountering a plugged tube.</p> <p>POTENTIAL RESOLUTIONS:</p> <p>Adjust the clamp pressure to allow the hose to slip on the belt or roller system before deflecting the rail.</p> <p>Consider adding eccentric rollers to the drive carriage assembly.</p> <p>Use custom rail without splice tubes.</p> <p>Adjusting the automatic stroke to prevent excessive force on the system by adjusting the sensitivity of the stall parameter.</p>	<p>Consider cleaning the exchanger in sections with standard window sizes.</p> <p>Seek support. The StoneAge Solutions team is happy to discuss the specific requirements of your job in order to accommodate equipment appropriately.</p>
	<p>POTENTIAL HAZARD:</p> <p>Idler carriage may be a bind, affecting positioner movement.</p> <p>POTENTIAL RESOLUTIONS:</p> <p>Slow and pause to allow the lower idler carriage to catch up with system.</p> <p>Confirm that the vertical rail is indeed vertical, ensuring proper alignment and gravitational support of the rail.</p>	
	<p>POTENTIAL HAZARD:</p> <p>The rigidity of the rail system is compromised by sag.</p> <p>POTENTIAL RESOLUTION:</p> <p>Confirm rigidity of the rail by adding an extra clamp(s) to support the system.</p>	
	<p>POTENTIAL HAZARD:</p> <p>Misalignment of rail.</p> <p>POTENTIAL RESOLUTIONS:</p> <p>Ensure that wedge bolts are tight.</p> <p>Confirm that the splice tube connection are square. File down any high spots to ensure a proper fit..</p>	