



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

185 Innovation Blvd Wilmington DE.

on

9/9/2025

Please return the entire report.

**Customer Sign Off**

**-If there are no deficiencies nothing needs to be done**

**-If there are any (HIGH, RED) deficiencies please follow the instructions below**

The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS ENTIRE REPORT to [tony.rossi@tandemlift.com](mailto:tony.rossi@tandemlift.com) or [jon.santimaw@tandemlift.com](mailto:jon.santimaw@tandemlift.com). After the signed document is received, a certification and label will be issued. The deficiencies denoted with (REC, MEDIUM, ORANGE) are recommended and are not required to be corrected to achieve certification. However those items should be corrected to improve equipment reliability and performance.

-The undersigned verifies that the deficiencies denoted with (DEF, HIGH, RED) have been corrected.

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Signature

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Date

# Table of Contents

● High ● Med ● Low Section

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Inspection - 185 Innovation Blvd Wilmington DE.	Lattice Boom Crane: 138535 - s351	0	0	0	<b>1.0</b>
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# Overview

## Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	0	0	1
<b>Overall:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

## Breakdown by Location

Location	 High	 Med	 Low	# Forms
185 Innovation Blvd Wilmington DE.	0	0	0	1
<b>Overall:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Lattice Boom Crane	0	0	0	1
<b>Overall:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

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**Inspection**  
**Sautter Crane rental**  
 2900 Black Lake Place  
 Philadelphia, PA 19154

FolderID: 090925S351  
 FormID: 25801605



**Lattice Boom Crane**

**Completed by: Steve Edling on 09/09/2025**

**Location:** 185 Innovation Blvd  
 Wilmington DE.

**Serial #:** 138535

**TagID:** s351

**Description:** Main Winch 4 Parts Aux Winch 2 Parts

**Manufacturer:** Liebherr

**Model:** LR 1300.1 SX

**Capacity:** 330 Tons

**Length/Lift:** Main 184 Feet

**Hook Type:** Load Block & Hook

**Hook Type 2:** Load Block & Hook

Priorities Found: ● **126 - Good**

**Miles and Hours**

- |          |                     |
|----------|---------------------|
| 1. Miles | <b>0 Miles</b>      |
| 2. Hours | <b>5809.3 Hours</b> |

**Historical Records**

- 3. Monthly Inspection **(SAT) Satisfactory**
- 4. Documentation of Annual / Comprehensive Inspection **(SAT) Satisfactory**
- 5. Equipment Modification(s) or additions **(SAT) Satisfactory**
- 6. Record of Maintenance **(SAT) Satisfactory**
- 7. Record of Load Test **(SAT) Satisfactory**

**General**

- 8. Sheet Metal **(SAT) Satisfactory**
- 9. Covers and Guards **(SAT) Satisfactory**
- 10. External Lights **(SAT) Satisfactory**
- 11. Housekeeping **(SAT) Satisfactory**
- 12. Safety and Warning Labels **(SAT) Satisfactory** P12
- 13. Hand Signal Chart **(SAT) Satisfactory** P13

**Crawler Assembly**

- 49. Car body/ Side frames **(SAT) Satisfactory**
- 50. Chain, idlers and Sprocket **(NA) Not Applicable**
- 51. Track Pads, and Pins **(SAT) Satisfactory**
- 52. Travel Steering, Brakes, and Locking Devices **(SAT) Satisfactory**
- 53. Steering Clutches **(NA) Not Applicable**

**Operator's Station**

- 54. Steps / Ladders / Handrails **(SAT) Satisfactory**
- 55. Anti-Skid Stepping Surfaces **(SAT) Satisfactory**
- 56. Windows **(SAT) Satisfactory**

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● 57. Windshield Wipers	(SAT) Satisfactory	
● 58. Cab Door Restraint	(SAT) Satisfactory	
● 59. Fire Extinguisher	(SAT) Satisfactory	
● 60. Mirrors	(SAT) Satisfactory	
● 61. Seat	(SAT) Satisfactory	
● 62. Seatbelts	(SAT) Satisfactory	
● 63. Operator's Manual	(SAT) Satisfactory	
● 64. Decals	(SAT) Satisfactory	
● 65. Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory	
● 66. Hand Signal Charts	(SAT) Satisfactory	P66
● 67. Swing Brake	(SAT) Satisfactory	
● 68. Positive Swing lock	(SAT) Satisfactory	
● 69. Control Function	(SAT) Satisfactory	
● 70. Air Pressure	(NA) Not Applicable	
● 71. Performance Indicators (Pressure)	(SAT) Satisfactory	
● 72. Posted Warnings	(SAT) Satisfactory	
● 73. Brake and Clutch	(NA) Not Applicable	
● 74. Accelerator / Throttle	(SAT) Satisfactory	
● 75. Foot Brakes, Latches, and Linkage	(NA) Not Applicable	
<b>Load Chart</b>		
● 76. Ground Level, Remotely Controlled	(NA) Not Applicable	
● 77. Per Configuration	(SAT) Satisfactory	
● 78. Visible from Fixed Operator's Station	(SAT) Satisfactory	
● 79. Durable / Legible/ Secured	(SAT) Satisfactory	
<b>Safety Devices / Operational Aids</b>		
● 80. Horn	(SAT) Satisfactory	
● 81. Boom Angle Indicator	(SAT) Satisfactory	
● 82. Main Drum rotation indicator	(SAT) Satisfactory	
● 83. Auxiliary Drum rotation indicator	(SAT) Satisfactory	
● 84. Radius Indicator	(SAT) Satisfactory	
● 85. Crane Level Indicator	(SAT) Satisfactory	
● 86. Two-Block System	(SAT) Satisfactory	
● 87. Boom Hoist Limiting Device	(SAT) Satisfactory	
● 88. Boom Hoist Ratchet and Pawl	(NA) Not Applicable	
● 89. Outrigger / Stabilizer Position Sensor	(NA) Not Applicable	
● 90. Luffing Jib Angle Indicator	(NA) Not Applicable	
<b>Upper Power Plant</b>		
● 91. Performance	(SAT) Satisfactory	
● 92. Exhaust System/Guards & Insulators	(SAT) Satisfactory	
● 93. Hoses	(SAT) Satisfactory	
● 94. Reciprocating and rotating parts	(SAT) Satisfactory	
<b>Rotating Upper Structure</b>		
● 95. Turntable / Bearing	(SAT) Satisfactory	
● 96. Turntable / Rollers	(NA) Not Applicable	
● 97. Ring and Pinion Gear	(SAT) Satisfactory	
● 98. Ring and Pinion Gear.	(SAT) Satisfactory	
● 99. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	
● 100. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	

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● 101. Hydraulic Pressure	(SAT) Satisfactory	
● 102. Electrical Wiring	(SAT) Satisfactory	
● 103. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory	
● 104. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory	P104
● 105. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
● 106. Auxiliary Hoist - Brakes and Clutch System	(SAT) Satisfactory	
● 107. Auxiliary Hoist - Wire Rope Reeving	(SAT) Satisfactory	
● 108. Auxiliary Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	
● 109. Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory	
● 110. Boom Hoist - Wire Rope Reeving	(SAT) Satisfactory	P110
● 111. Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory	P111
● 112. Swing System / Assembly	(SAT) Satisfactory	
● 113. Hydraulic and Pneumatic Pumps and Motors	(SAT) Satisfactory	
● 114. Drums and Flanges	(SAT) Satisfactory	
● 115. Clutch and Brake Protection	(NA) Not Applicable	
● 116. Torque Converter	(NA) Not Applicable	
● 117. Slip resistant walking and stepping surfaces	(SAT) Satisfactory	
● 118. Steps, Grab rails, and platforms	(SAT) Satisfactory	P118
● 119. Access to Cab and Roof	(SAT) Satisfactory	
● 120. Air System	(NA) Not Applicable	
● 121. Counterweight Mounting	(SAT) Satisfactory	P121
● 122. Counterweight Warnings Signs	(SAT) Satisfactory	P122
● 123. Electrocution Warnings Signs	(SAT) Satisfactory	
<b>Boom Support System</b>		
● 124. Gantry and Mast	(SAT) Satisfactory	
● 125. Boom Stops	(SAT) Satisfactory	
● 126. Inner Bail	(SAT) Satisfactory	P126
● 127. Outer Bail and Equalizer	(SAT) Satisfactory	P127
● 128. Sheaves	(SAT) Satisfactory	
● 129. Boom Hoist Wire Rope Reeving	(SAT) Satisfactory	
<b>Boom</b>		
● 130. Boom Section Identification	(SAT) Satisfactory	
● 131. Boom Section Sequence	(SAT) Satisfactory	
● 132. Boom Section Alignment	(SAT) Satisfactory	
● 133. Warning Labels and Decals	(SAT) Satisfactory	
● 134. Spreader Bar	(NA) Not Applicable	
● 135. Sheaves	(SAT) Satisfactory	
● 136. Boom Head Section	(SAT) Satisfactory	P136
● 137. Auxiliary Boom Head	(SAT) Satisfactory	P137
● 138. Lattice Members	(SAT) Satisfactory	
● 139. Cord Members	(SAT) Satisfactory	
● 140. End Connections/Pins	(SAT) Satisfactory	
● 141. Boom Foot Pins and Keepers	(SAT) Satisfactory	
● 142. Hoist Line Dead End	(SAT) Satisfactory	
● 143. Wire Rope Retainers	(SAT) Satisfactory	
<b>Wire Rope Main Hoist drum</b>		
● 183. Rope Damage	(SAT) Satisfactory	P183
■ 4 parts		

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184. Diameter & Wear			
Size:	Diameter & Wear		
<b>28 mm</b>	<b>28.5 mm</b>		
● 185. Broken Wires			(SAT) Satisfactory
● 186. Lubrication			(SAT) Satisfactory
● 187. End Connectors			(SAT) Satisfactory
● 188. End Connectors, Pins, Keepers			(SAT) Satisfactory
<b>Wire rope Auxiliary Drum 1</b>			
● 189. Rope Damage			(SAT) Satisfactory
☐ 2 parts			
190. Diameter & Wear			
Size	Diameter / wear		
<b>28 mm</b>	<b>28.6 mm</b>		
● 191. Broken Wires			(SAT) Satisfactory
● 192. Lubrication			(SAT) Satisfactory
● 193. End Connectors			(SAT) Satisfactory
<b>Wire rope Auxiliary Drum 2</b>			
● 194. Rope Damage			(NA) Not Applicable
195. Diameter & Wear			
Size	Diameter & Wear		
<b>0</b>	<b>0</b>		
● 196. Broken Wires			(NA) Not Applicable
● 197. Lubrication			(NA) Not Applicable
● 198. End Connectors			(NA) Not Applicable
<b>Wire rope Auxiliary drum 3</b>			
● 199. Rope Damage			(NA) Not Applicable
● 200. Measured Wear.			(NA) Not Applicable
201. Diameter & Wear			
Size:	Diameter & Wear		
<b>0</b>	<b>0</b>		
● 202. Broken Wires			(NA) Not Applicable
● 203. Lubrication			(NA) Not Applicable
● 204. End Connectors			(NA) Not Applicable
<b>Wire rope Boom Hoist Drum</b>			
● 205. Rope Damage			(SAT) Satisfactory
206. Diameter & Wear			
Size:	Diameter & Wear:		
<b>24 mm</b>	<b>24.4 mm</b>		
● 207. Broken Wires			(SAT) Satisfactory
● 208. Lubrication			(SAT) Satisfactory
● 209. End Connectors			(SAT) Satisfactory
<b>Pendants &amp; End connections</b>			
● 210. Rope Damage.			(NA) Not Applicable
211. Diameter & Wear			
Size:	Diameter & Wear		
<b>0</b>	<b>0</b>		
☐ Metal bars			

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Load Block & Hook		
● 212. Capacity Marking 4 parts	(SAT) Satisfactory	
● 213. Weight Marking	(SAT) Satisfactory	
● 214. Sheave(s)	(SAT) Satisfactory	P214
● 215. Safety Latch(es)	(SAT) Satisfactory	
● 216. 0° Hook Bend or Twist	(SAT) Satisfactory	
● 217. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory	
● 218. 10% Hook Wear Max	(SAT) Satisfactory	
● 219. Swivel	(SAT) Satisfactory	
● 220. Bearing	(SAT) Satisfactory	
● 221. Wedge Socket / End Fitting	(SAT) Satisfactory	
● 222. Reeving	(SAT) Satisfactory	P222
Overhaul Ball & Hook		
● 223. Capacity Marking 2 parts	(SAT) Satisfactory	P223
● 224. Weight Marking	(SAT) Satisfactory	P224
● 225. Safety Latches	(SAT) Satisfactory	
● 226. 0° Hook Bend or Twist	(SAT) Satisfactory	
● 227. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory	
● 228. 10% Hook Wear Max	(SAT) Satisfactory	
● 229. Swivel / Bearing	(SAT) Satisfactory	
● 230. Wedge Socket / End Fitting	(SAT) Satisfactory	
No-Load Operational Test		
● 231. No-Load Operational Test	(SAT) Satisfactory	
Verification and Completion		
232. Inspector Name and Signature	Steven Edling	
		
233. Date of Inspection	09/09/2025	
234. Customer Name and Signature		
● 235. Certificate Issued	(Y) Yes	P235



P12.1



P13.2



P66.3



P104.4

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P110.5



P111.6



P118.7



P121.8



P122.9



P126.10



P127.11



P136.12



P137.13



P183.14



P183.15



P214.16



P222.17



P223.18



P224.19



P235.20

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155 INVENTOR 6145 LUTHERBURY DR.  
SAUTER 9/9/15  
SERIAL # 138536 (3802W)  
DATE # 3381  
MODEL # L1300-1A  
MAKE 0  
HOURS 5809.3  
Main Boom 124'  
Main Winch 28MM (285MM) 4 PART  
Aux Winch (Boomer Boom) 28MM (285MM) 2 PART  
Boom Winch 28MM (285MM)  
Block Main Capacity 100 TON WT. 10  
Block Aux Capacity 50 TON WT. 40

P235.21

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