



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

3350 S 3rd. Philadelphia, PA

on

4/10/2025

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
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - 3350 S 3rd. Philadelphia, PA	0	0	0	<b>1.0</b>
Telescoping Boom Crane: 085771 - S317				

# Overview




## Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	0	0	1
Overall:	0	0	0	1

## Breakdown by Location

Location	 High	 Med	 Low	# Forms
3350 S 3rd. Philadelphia, PA	0	0	0	1
Overall:	0	0	0	1

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	0	0	1
Overall:	0	0	0	1

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Tandem Lift LLC  
321 Enlow Place  
Pennsville, NJ 08070  
833-TANDEM1

## Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental  
2900 Black Lake Place  
Philadelphia, PA 19154

FolderID: 041025S317  
FormID: 24070116



### Telescoping Boom Crane

**Location:** 3350 S 3rd. Philadelphia, PA  
**Serial Number:** 085771  
**Unit Number:** S317  
**Status:** In Service

**Manufacturer:** Liebherr  
**Model:** LTM1070 4.2  
**Capacity:** 80 Tons  
**Length/Lift:** 164'  
**Type of Crane:** All Terrain Crane  
**Number of Hoists:** Main Only  
**Boom Configuration:** Main Boom with Stowed Jib  
**Load Test:** No

Priorities Found: ● 97 - Good

### General

1. Location of Equipment	3350 S 3rd
2. Customer Sign Off	
3. Hours & Mileage	
Hours	Mileage
347	18884

### Inspection Information

4. Inspection Number	041025S317
5. Inspection Date	04/10/2025
6. Inspection Type	(Ann) Annual

### Information & Records

7. Documentation of Annual/Comprehensive Inspection	(NA) Not Applicable
8. Daily/Monthly Inspection Records	(NA) Not Applicable
9. Maintenance Records	(NA) Not Applicable
10. Hand Signal Chart	(SAT) Satisfactory
11. Safety and Warning Decals	(SAT) Satisfactory
12. Operators Manual	(SAT) Satisfactory
13. Equipment Modification(s) or Additions	(NA) Not Applicable

### Safety Devices & Operational Aids

14. Backup Alarm	(SAT) Satisfactory
15. Audible Warning Device	(SAT) Satisfactory
16. Boom Angle Indicator	(SAT) Satisfactory
17. Boom Length Indicator	(SAT) Satisfactory
18. Drum Rotation Indicator(s)	(SAT) Satisfactory
19. Anti Two-Block Device/System	(SAT) Satisfactory


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● 20.	Load Moment Indicator (LMI)	(SAT) Satisfactory
● 21.	Load Weight Indicator	(SAT) Satisfactory
● 22.	Radius Indicator	(SAT) Satisfactory
● 23.	Level Indicator(s)	(SAT) Satisfactory
● 24.	Fire Extinguisher	(SAT) Satisfactory
<b>Load Chart</b>		
● 25.	Visible/Accessible	(SAT) Satisfactory
● 26.	Per Configuration	(SAT) Satisfactory
● 27.	Durable/Legible/Secured	(SAT) Satisfactory
<b>Carrier</b>		
● 28.	Steering	(SAT) Satisfactory
● 29.	Parking Brake	(SAT) Satisfactory
● 30.	Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 31.	Windshield & Wipers	(SAT) Satisfactory
● 32.	Windows & Mirrors	(SAT) Satisfactory
● 33.	Wheels & Tires	(SAT) Satisfactory
● 34.	Engine	(SAT) Satisfactory
● 35.	Exhaust System	(SAT) Satisfactory
● 36.	Axle Lockout	(SAT) Satisfactory
● 37.	Drive Line	(SAT) Satisfactory
● 38.	Main Frame Members	(SAT) Satisfactory
● 39.	Hoses/Fittings//Valves	(SAT) Satisfactory
● 40.	Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 41.	Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 42.	Steps/Ladders/Handrails	(SAT) Satisfactory
<b>Outriggers/Stabilizers</b>		
● 43.	Structure & Mounting	(SAT) Satisfactory
● 44.	Boxes & Beams	(SAT) Satisfactory
● 45.	Cylinders	(SAT) Satisfactory
● 46.	Pads/Floats	(SAT) Satisfactory
● 47.	Hoses/Fittings//Valves	(SAT) Satisfactory
<b>Operators Station</b>		
● 48.	Windows & Wipers	(SAT) Satisfactory
● 49.	Cab Door Restraint	(SAT) Satisfactory
● 50.	Cab Access	(SAT) Satisfactory
● 51.	Steps/Ladders/Handrails	(SAT) Satisfactory
● 52.	Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 53.	Fire Extinguisher	(SAT) Satisfactory
● 54.	Operator Horn	(SAT) Satisfactory
● 55.	Controls Identified	(SAT) Satisfactory
● 56.	Control Functions	(SAT) Satisfactory
● 57.	Power Plant Controls	(SAT) Satisfactory
● 58.	Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 59.	Brake & Clutch	(SAT) Satisfactory
● 60.	Travel Controls	(SAT) Satisfactory
● 61.	Accelerator/Throttle Control	(SAT) Satisfactory
● 62.	Hoses/Fittings//Valves	(SAT) Satisfactory

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● 63. Housekeeping	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	
● 64. Structure	(SAT) Satisfactory
● 65. Engine	(NA) Not Applicable
● 66. Exhaust System/Guards/Insulators	(NA) Not Applicable
● 67. Hoses/Fittings/Valves	(SAT) Satisfactory
● 68. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 69. Hydraulic Pressure	(SAT) Satisfactory
● 70. Electrical Wiring	(SAT) Satisfactory
● 71. Ring & Pinion Gear	(SAT) Satisfactory
● 72. Swing System/Assembly	(SAT) Satisfactory
● 73. Counterweight Frame	(SAT) Satisfactory
● 74. Counterweight Mounting	(SAT) Satisfactory
<b>Hoist System</b>	
● 75. Brakes & Clutch System	(SAT) Satisfactory
● 76. Wire Rope Reeving	(SAT) Satisfactory
● 77. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 78. Hoist Motor	(SAT) Satisfactory
● 79. Hoses/Fittings/Valves	(SAT) Satisfactory
● 80. Drums/Lagging/Flanges	(SAT) Satisfactory
● 81. Anchor System	(SAT) Satisfactory
● 82. Hoist Spooling	(SAT) Satisfactory
<b>Main Boom</b>	
● 83. Lift Cylinder(s)	(SAT) Satisfactory
● 84. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 85. Hoses/Fittings/Valves	(SAT) Satisfactory
● 86. Holding Device	(SAT) Satisfactory
● 87. Boom Sections Alignment	(SAT) Satisfactory
● 88. Wear Pads	(SAT) Satisfactory
● 89. Sheaves	(SAT) Satisfactory
● 90. Wire Rope Retainers	(SAT) Satisfactory
● 91. Boom Hinge Pin	(SAT) Satisfactory
● 92. Boom Head Section	(SAT) Satisfactory
● 93. Auxiliary Boom Head	(SAT) Satisfactory
● 94. Structure	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>	
101. Wire Rope Information	
Diameter	Construction/Type
17mm	right regular lay
	Number of Parts
	1
● 102. Rope Damage	(SAT) Satisfactory
● 103. Lubrication	(SAT) Satisfactory
● 104. End Connectors	(SAT) Satisfactory
<b>Main Hoist Load Block/Headache Ball/Hook</b>	
105. Capacity and Weight	
Capacity	Weight
6 ton	110kg
● 106. Capacity Marking	(SAT) Satisfactory

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● 107. Weight Marking	(SAT) Satisfactory
● 108. Sheave(s)	(SAT) Satisfactory
● 109. Safety Latch(es)	(SAT) Satisfactory
● 110. 0° Hook Bend/Twist	(SAT) Satisfactory
● 111. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 112. 10% Hook Wear Max	(SAT) Satisfactory
● 113. Bearing	(SAT) Satisfactory
● 114. Wedge Socket/End Fitting	(SAT) Satisfactory
● 115. Reeving	(SAT) Satisfactory
<b>Verification and Completion</b>	
116. Inspector Name & Signature	Chris Volz
	
117. Additional Inspection Notes	
● 118. Sticker Given	(Y) Yes, Given on Site