



Inspection Report: BOOM TRUCK-ANNUAL

OSHA/ANSI/ASME Standards: OSHA 1926.1400, 1910.180,1926.601 ASME B30.5,B30.10

Date Inspected: 06/17/2020

Operation Hours: 13,965.

Operation Miles: 135,566.

Inspector: Steve Marquis

Inspection ID: 88.577.1592825362

Equipment Identification and Specifications

Name and Address of Owner	SHERMAN CRANE; 140 West Street , Wilmington MA 01887 USA		
Serial Number	50407	Unit Number:	C-125
Year	2000	Manufacturer	MANITOWOC
Model	2892		
Max Capacity	56,000 lbs		
Main Hoist Rope Diameter	9/16		
Main Hoist Rope Type	rotation resistant		

Did the unit pass the inspection?

Yes
 No

Do you want to attach an annual certification to this unit?

Yes
 No

Unit Location at Time of Inspection: Wilmington, MA

GPS Tag:

Inspector



Steve Marquis





Inspection Details

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Inspection ID: 88.577.1592825362

S=Satisfactory R=Recommendation D=Deficiency N=Not Applicable

Item	Condition	Item	Condition
BOOM TRUCK-ANNUAL		32. Tire Inflation Pressure	S
CRANE DATA		DRIVERS CAB	
1. Inspection Records Daily / Monthly / Annual	S	33. Brakes Service / Parking	S
2. Maintenance Records	S	34. Headlights / Tail Lights	S
3. Wire Rope Inspection Records	S	35. Brake Lights / Turn Signals	S
4. Ground Conditions	S	36. Back-up Alarm / Lights	S
GENERAL CONDITION		37. Audible Warning (low air)	S
5. Sheet Metal	S	38. Glass	S
6. Paint Condition / Corrosion Control	S	39. Windshield Wipers	S
7. Guards / Covers	S	40. Defroster / Heater	S
8. Housekeeping	S	41. Seat Belts	S
9. Warning / Safety Labels	S	42. Steering Free Play	S
10. OSHA Approved Hand Signal Chart (outside)	S	43. Fire Extinguisher	S
TRUCK POWER PLANT		44. Gauges / Light Display	S
11. Engine / Pumps Performance	S	45. Access / Grab Rails / Steps	S
12. Exhaust System / Guards & Insulators	S	46. Mirrors	S
13. Belts	S	47. Power Take-Off	S
14. Hoses	S	48. Air Pressure	S
15. Compressor Performance	S	49. Horn	S
16. Guards / Covers for Rotating Parts	S	50. Engine Clutch	S
17. Engine Oil Level	S	51. Accelerator	S
18. Transmission Oil Level	S	52. Operators Manual	S
19. Coolant Level	S	OUTRIGGERS	
20. Leaks	S	53. Outrigger Boxes	S
CARRIER / DRIVETRAIN		54. Outrigger Beams	S
21. Engine Mounts / Bolts	S	55. Outrigger Cylinders / Extensions & Stabilizers	S
22. Transmission Mounts / Bolts	S	56. Outrigger Floats / Pads	S
23. Drive Line	S	57. Outrigger Hydraulic Hoses	S
24. U-Joints	S	58. Outrigger Hydraulic Tubing	S
25. Main Frame Members	S	59. Outrigger Hydraulic Fittings	S
26. Axle Mounts	S	60. Pilot Operated Check Valves	S
27. Carrier Hydraulic Hoses	S	61. Outrigger Crush Warning Labels	S
28. Carrier Hydraulic Tubing	S	ROTATING SUPERSTRUCTURE	
29. Carrier Hydraulic Fittings	S	62. Turntable / All Structural Welds	S
30. Hydraulic Fluid Level	S	63. Turntable Mounting Bolts	S
31. Tire / Wheel Condition	S	64. Directional Control Valves	S



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Item	Condition	Item	Condition
65. Swivel Hydraulic Hoses	S	96. Boom Length	
66. Swivel Hydraulic Tubing	S	28 - 92 ft	
67. Swivel Hydraulic Fittings	S	97. Boom Lift Cylinders	S
68. Hydraulic Pressure / Relief Valves	S	98. Boom Telescoping Cylinder(s)	S
69. Electrical Wiring	S	99. Holding Device / Holding Valves	S
70. Swing / Slew Gearbox	S	100. Boom Hydraulic Hoses	S
71. Main Hoist Mounting Bolts	S	101. Boom Hydraulic Tubing	S
72. Wire Rope Lay on Main Hoist	S	102. Boom Hydraulic Fittings	S
OPERATORS STATION		103. Boom Extension / Retraction Cables	S
73. Cab Access / Steps / Ladders	S	104. Boom Wear Pads	S
74. Hand Holds / Guardrails	S	105. Boom Section Alignment	S
75. Anti Slip Surfaces	S	106. Equal Extension / Boom Sequence	S
76. Fire Extinguisher 10BC	S	107. Condition of Sheaves	S
77. Operators Manual	S	108. Hoist Retainers / Keepers	S
78. All Safety Decals In Cab	S	109. Condition of Boom Structure	S
79. Electrocution Warning In Cab	S	110. Condition of Boom Head	S
80. Crane Level Indicator	S	SOLID DESIGN BOOM EXTENSION	
81. Horn	S	111. Jib Length	
82. Gauges / Light Display	S	26 or 46 ft	
83. Crane Function Controls Movement	S	112. Jib Type (Fixed, Off-Set, Luffing, etc.)	
84. Crane Function Controls Identified	S	fixed	
85. Swing Brake / Lock	S	113. Condition of Boom Extension	S
RATED CAPACITY CHART		114. Condition of Mounting Pins / Keepers	S
86. Correct Capacity Chart for Crane	S	115. End Connections / Attachment Points	S
87. Legible / Durable	S	116. Condition of Sheaves	S
88. Secured / Accessible to Operator	S	117. Stowage Brackets Front / Rear	S
OPERATIONAL AIDS		118. Boom Extension Alignment	S
89. Boom Angle Indicator	S	119. Wire Rope Retainers / Keepers	S
90. Boom Length Indicator	S	120. Condition of Welds	S
91. Anti Two Block / Device / Warning	S	121. Positive Stops	S
92. LMI Make & Model		LOAD BLOCK AND HOOK	
PAT DS-160		INFORMATION	
93. Load Moment Indicator	S	122. Manufacturer	
94. Load Radius Indicator	S	McKissick	
95. Load Weight Indicator	S	123. Serial Number	
MAIN BOOM		02-56467	
		124. Rated Capacity	
		20 UST	



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Item	Condition	Item	Condition
125. Block Weight		148. Damage	S
264 lbs		149. Wear	S
ITEM		150. Broken Wires	S
126. Capacity Marking	S	151. Lubrication	S
127. Weight Marking	S		
128. Sheave(s)	S		
129. Safety Latch	S		
130. 0 Degree Hook Bend or Twist	S		
131. 5% Hook Throat Opening or 1/4 inch	S		
132. 10% Hook Wear	S		
133. Bearing	S		
134. Pins and Retainers	S		
OTHER NOTES			
135.			
stowed on truck			
OVERHAUL BALL AND HOOK			
INFORMATION			
136. Manufacturer			
McKissick			
137. Serial Number			
05-89420			
138. Rated Capacity			
7 UST			
139. Ball Weight			
178 lbs			
ITEM			
140. Capacity Marking	S		
141. Weight Marking	S		
142. Safety Latch	S		
143. 0 Degree Hook Bend or Twist	S		
144. 5% Hook Throat Opening or 1/4	S		
145. 10% Hook Wear	S		
146. Bearing	S		
147. Wedge Socket / End Fitting	S		
MAIN HOIST WIRE ROPE			
INFORMATION			



Image 1





Image 2

603 781 7795

CERTIFICATION OF INSPECTION



INSPECTION DATE 6.17.20

MODEL 2892

SERIAL NO 50407

INSPECTION STANDARD 1926.1400

WWW.ENSOCRANE.COM

CRANE INSPECTIONS, ENGINEERING, & SAFETY TRAINING



Notes

Inspection ID:88.577.1592825362

Explanation

93: OPERATIONAL AIDS - Load Moment Indicator: LMI functions as designed

94: OPERATIONAL AIDS - Load Radius Indicator: accuracy confirmed with a tape measure

95: OPERATIONAL AIDS - Load Weight Indicator: accuracy acceptable with a known weight



Annual Certification

This is to certify that the unit described below received an
BOOM TRUCK-ANNUAL
in accordance with

OSHA 1926.1400, 1910.180,1926.601 ASME B30.5,B30.1

Equipment Owner: SHERMAN CRANE

Model No.: 2892

Equipment Make: MANITOWOC

Serial No.: 50407

Equipment Type: BOOM TRUCK

Unit Id: C-125

Inspection ID: : 88.577.1592825362

Inspected on this: 17th (Wednesday) day of June, 2020

by: Enso Crane Services

P.O. Box 671 03821 Dover(NH)

603-781-7795

<http://www.ensocrane.com>



This Certificate Expires One Year From The Date of Inspection Above