



# Inspection Report: BOOM TRUCK-ANNUAL

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

Date Inspected: 06/20/2019

Operation Hours: 13,287.

Operation Miles: 126,695.

Inspector: Steve Marquis

Inspection ID: 88.577.1561336203

## Equipment Identification and Specifications

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

Type of Inspection: BOOM TRUCK-ANNUAL		Inspection ID: 88.577.1561336203	
S=Satisfactory R=Recommendation D=Deficiency N=Not Applicable			
Item	Condition	Item	Condition
<b>BOOM TRUCK-ANNUAL</b>		32. Tire Inflation Pressure	S
<b>CRANE DATA</b>		<b>DRIVERS CAB</b>	
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
<b>GENERAL CONDITION</b>		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
<b>TRUCK POWER PLANT</b>		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	<b>OUTRIGGERS</b>	
20. Leaks	S	53. Outrigger Boxes	S
<b>CARRIER / DRIVETRAIN</b>		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	<b>ROTATING SUPERSTRUCTURE</b>	
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
<b>OPERATORS STATION</b>		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	<b>SOLID DESIGN BOOM EXTENSION</b>	
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
<b>RATED CAPACITY CHART</b>		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
<b>OPERATIONAL AIDS</b>		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		<b>LOAD BLOCK AND HOOK</b>	
PAT DS-160		<b>INFORMATION</b>	
93. Load Moment Indicator	S	122. Manufacturer	
94. Load Radius Indicator	S	McKissick	
95. Load Weight Indicator	S	123. Serial Number	
<b>MAIN BOOM</b>		02-56467	
		124. Rated Capacity	
		20 UST	



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Item	Condition	Item	Condition
125. Block Weight		148. Bearing	S
264 lbs		149. Wedge Socket / End Fitting	S
126. Hook Tram Measurement		<b>OTHER NOTES</b>	
n/a		150.	
<b>ITEM</b>		<b>MAIN HOIST WIRE ROPE</b>	
127. Capacity Marking	S	<b>INFORMATION</b>	
128. Weight Marking	S	151. Damage	S
129. Sheave(s)	S	152. Wear	S
130. Safety Latch	S	153. Broken Wires	S
131. 0 Degree Hook Bend or Twist	S	154. Lubrication	S
132. 5% Hook Throat Opening or 1/4 inch	S		
133. 10% Hook Wear	S		
134. Bearing	S		
135. Pins and Retainers	S		
<b>OTHER NOTES</b>			
136.			
stowed on crane			
<b>OVERHAUL BALL AND HOOK</b>			
<b>INFORMATION</b>			
137. Manufacturer			
McKissick			
138. Serial Number			
05-89420			
139. Rated Capacity			
7 UST			
140. Ball Weight			
178 lbs			
141. Hook Tram Measurement			
n/a			
<b>ITEM</b>			
142. Capacity Marking	S		
143. Weight Marking	S		
144. Safety Latch	S		
145. 0 Degree Hook Bend or Twist	S		
146. 5% Hook Throat Opening or 1/4	S		
147. 10% Hook Wear	S		



Image 1





Image 2





## Notes

**Inspection ID:88.577.1561336203**

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

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Equipment Owner: SHERMAN CRANE

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Model No.: 2892

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Equipment Make: MANITOWOC

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Serial No.: 50407

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Equipment Type: BOOM TRUCK

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Unit Id: C-125

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Inspection ID: : 88.577.1561336203

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Inspected on this: 20th (Thursday) day of June, 2019

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by: Enso Crane Services

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P.O. Box 671 03821 Dover( NH )

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603-781-7795

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<http://www.ensocrane.com>

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**This Certificate Expires One Year From The Date of Inspection Above**