

The Snow Machine

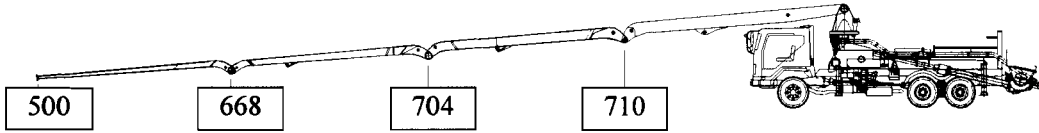
3-07-06

**BOOM AND OUTRIGGER STABILITY TESTS 37 Meter 4 Sections R-Fold**

Date:	Verify Machine Model: <u>XT37-4R</u>	REED Serial #: <u>07-260</u>
Customer:	Truck VIN: <u>1M7K189U5M028211</u>	Truck Serial #:
Work Order #:	WZ Serial #: <u>205244</u>	

BOOM STABILITY TEST

Boom Manufacturer:	Boom Serial #
Pedestal Manufacturer:	Pedestal Serial #



STABILITY TEST ACTUAL WEIGHTS (With Pipeline / WithOUT End-hose in LBS)

D 500 C 660 B 700 A 700

Checked: [Signature]

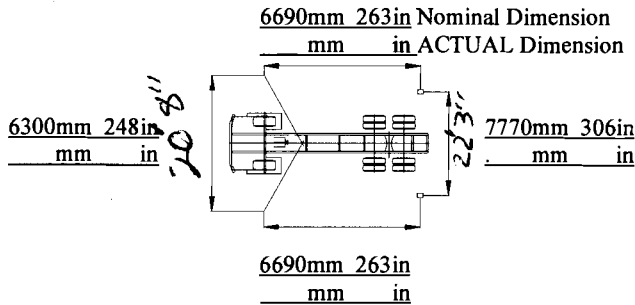
TIME AND PRESSURE TESTS

	Element D	Element C	Element B	Element A	Rotation
	45 sec	70 sec	105 sec	80 sec	147 sec
Time UP					
Time DOWN					
Head Side Pressure	280 bar	330 bar	280 bar	280 bar	160 bar
Rod Side Pressure	330 bar	330 bar	330 bar	330 bar	160 bar

Check for Section Minimum Drift and Holding Valve Leakage Under Load

Checked: \_\_\_\_\_

OUTRIGGER STABILITY TESTS



Outrigger Foot Lift		
FRONT	REAR	
in	in	RIGHT
in	in	LEFT

	Leakage Check		Leakage Check
Right Front Jack Cylinder		Left Front Jack Cylinder	
Right Front Telescope Out		Left Front Telescope Out	
Right Front Swing Out		Left Front Swing Out	
Right Rear Swing Out		Left Rear Swing Out	
Right Rear Jack Cylinder		Left Rear Jack Cylinder	

Checked: [Signature]

TEST RESULTS:	
NAME: <u>Deane Ramus</u>	DATE: <u>3/13/07</u>
SIGNATURE: <u>[Signature]</u>	DATE: <u>3/13/07</u>

JOB #	XT90-160 <del>XT90-160</del> <del>XT-37-4R</del> SN # 07-260- <del>XT37-4R</del>	
	customer:	
VL	BOOM MAKE UP PIPE LENGTHS	
9220	ARM	LENGTH
	A	913/8"
	B	58"
	B-C	
	C	57"
	C-D	
	D	49 1/2"
	E	
	PIPE TYPE (Ultra III or Normal?)	ULTRA III
	TIP HOSE SIZE	
	SPECIAL ELBOWS	
	Turret	A sect
	A sect	B sect
	B sect	C sect
	C sect	D sect
	D sect	E sect
	PART #	
	801102	
	801104	
	DECK MAKE UP PIPE LENGTHS	
	PIPE	LENGTH
	#1	7 1/2"
	#2	102 1/4"
	#3	
	SPECIAL ELBOWS	
	TURRET PIPE	
	DECK DELIVERY LINE COMPONENTS	
	PART #	
	HOPPER ELBOW	803024
	ELBOW 6"	803025
	REDUCER	803026
	SPECIAL TURRET ELBOW	
	RADIO REMOTE SERIAL NUMBER	SERIAL #
	RADIO REMOTE	
	CABLE REMOTE	
	TRUCK	SERIAL #
		1M2K189CJ5M028211
	BOOM SIZE	SERIAL #
	<del>XT90-160</del>	205244
	BOOM SIZE-- <del>XT-37R</del>	SERIAL #
	PEDESTAL	
	A SECTION	N 86 09
	B SECTION	N 86 08
	C SECTION	N 86 09
	D SECTION	H 86 09
	E SECTION	

MAST

N 85 08

07-260-XXT37-4R  
VL-9220 Mouted

CHASSIS INSPECTION CHECK LIST

MFG \_\_\_\_\_ MODEL MACK VIN 1M2K89C15M02821

DESCRIPTION	✓	DESCRIPTION	✓	DESCRIPTION	✓
<b>A-CAB</b>	✓	• Mirrors RH & LH	✓	<b>F-PAINT</b>	✓
• Lift/Tilt w/Pump	✓	• Parking Brake w/Light	✓	• Cab Ext-Mack White	✓
• Cigar Lighter	✓	• Mud Flaps-24"-Frnt Fender	✓		
• Dome Light w/SW	✓	• Radio AM-FM	✓		
• Door-Slide Type Window	✓	• Antenna-Roof Mtd.	✓	<b>G-INFORMATION</b>	
• Fenders-Cab	✓	• Seat-Driver Air Susp.	✓	• Manuals-Protection Plan Service	✓
• Floor Mats-Rubber	✓	• Seat-Rider Fixed	✓	• Safety Kit	✓
• Gauges	✓	• Seat Belts-Lap & Shoulder	✓		
• Dual Air Pressure	✓	• Turn Signal Switch - Manual	✓		
• Voltmeter	✓			<b>H-MISCELLANEOUS</b>	
• Eng. Coolant Temp.	✓			• Exterior Paint Damage	✓
• Eng. Oil Pressure	✓			• Window Damage	✓
• Fuel Level	✓	<b>B-FRAME-FUEL TANK</b>	✓	• Dents	✓
• English Display	✓	• Bumper Channel Type Extended 63"	✓		
• Speedometer w/Trip Odometer	✓	• Towing Device Frt-Pin	✓	<b>I-DRIVE TRAIN</b>	✓
• Eng. Tach w/ Hourmeter	x	• Fuel Tank LH 80 Gal RD.	✓	• MACK MD209 Transmission	✓
• Glass-Tinted Windows	x			• Range selector valve tight	✓
• Glove Box	✓				
• Grab Handles - Ext.	✓	<b>C-FRONT AXLE</b>			
• RH & LH Behind Door	✓	• Capacity 20000 lbs	✓		
• Grab Handles - Int.	✓	• Tires Tubeless Radial	✓	<b>J-COMMENTS</b>	
• Windshield Post RH-LH	✓	• Size 425/65R 22.5 18S	✓		
• Instr. Panel RH	✓	• Wheels-Alum Disc 10 Hole	✓		
• Hi-Beam Indicator Light	✓				
• Horn	✓	<b>D-REAR AXLE-TANDEM</b>			
• Air Twin Trumpet	✓	• Capacity 44000 lbs	✓		
• Electric Single Tone	✓	• Tires (8) 11R-22.5-14G	✓		
• Lights	✓	• Air Brakes	✓		
• Marker & Clearance (7)	✓	• Wheels-Alum Disc-10 Holes	✓		
• Side Markers	✓				
• Turn Signals-Front	✓				
• Headlights (2) Conv 7" RD	✓	<b>E-ELECTRICAL</b>			
• Rear (2) Stop, Direct, Back up	x	• Back up Alarm	✓		
• Signal Flasher Type	✓	• Battery Box Covers	✓		
• Interior Trim - White	✓	• Daytime Running Lights	✓		
• Low Air Indicator Light & Buzz	✓				

Odometer Reading \_\_\_\_\_

Hourmeter Reading \_\_\_\_\_

Inspected By [Signature]

Date \_\_\_\_\_



# WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY MW

DATE 11/26/06

MACHINE MODEL XXT 37

S/N \_\_\_\_\_

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
FILTERED 2 Hours + Ran 2 Hours "17" ② 1500 PSI							
START 12:00 12:30	88	131	210	1300 PSI			
1:00	88	139	210	1300			
1:30	88	149	210	1300			
2:00	88	156	210	2000	STOP	- BLEED ORNS	
7:30	55	101	200	1600	1400	5/8	14
8:00	55	113	210	1600	1600	5/8	14
8:30	55	118	210	2200	FULL	5/8	16
9:00	55	122	210	2200	?	5/8	16
9:30	55	127	210	3000		3/4	19
STOP START 10:00	55	107	210	3000		3/4	19
10:30	55	144	210	3000		3/4	19
SLOW TO SET W/BE-PISTON 11:00	55	140	210	3000		3/4	19
11:30	58	147	210	3000		3/4	19
START 12:00 12:30	58	137	210	3000		<del>3/4</del>	19
1:00	58	140	210	3500		FULL	14
1:30	58	149	210	3500			14
11/30 START 8:00 8:30	48	99	210	3200			18
9:00	50	119	210	3200			18
9:30	52	132	210	3200			18
STOP START 2:00 3:00	64	141	210	4000			13

28 SPM 34 BAR



107576

WATER TEST RECORD SHEET  
TRUCK MOUNTED CONCRETE BOOM PUMP  
INSPECTED BY M. W. Miller  
DATE 11/16/00

MACHINE MODEL FT 37

S/N \_\_\_\_\_

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
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START 7:30 8:00	52	85	190	2500	1600		18
8:30	57	99	200	2500	1600		18
9:00	58	107	205	2500	Full	5/8	18

*Hydr Bypass 152 B.M. relief*

REED ALL MODELS		INSPECTED BY		DATE	
QUALITY ASSURANCE INSPECTION CHECK LIST		TRUCK MOUNTED CONCRETE PUMP		PAGE 10F 1	
Q.C. & PUMP OPERATIONAL TEST		OK		WORK ORDER	
DESCRIPTION OF ITEM INSPECTION		INIT.		CORRECTION MADE	
1. Q.C. INSPECTION PACKAGE					
All forms in package					
All shortages in package					
2. BUILD ORDER REVIEW					
Truck built per build order					
Options installed per build order					
Oil type required					
Deficiencies noted					
3. PRELIMINARY WALK AROUND					
Components installed properly					
Proper hose & wire routing					
Bolts & fittings tight					
Deficiencies corrected					
4. FLUID LEVELS					
Engine oil					
Coolant					
Boom tank hydraulic oil					
Main tank hydraulic oil		Type			
Auto lube grease		Type			
Flush box - Oil & water					
5. PRE START UP					
Filling & bleeding of hydraulic system					
SHORTAGES					
CORR					
INIT.					
COMMENTS					

D.C. & PUMP OPERATIONAL TEST		OK	INIT.	CORRECTION MADE
6. FILTRATION OF SYSTEM ( 2 Hour time period )				
7. R.P.M. CHECK 800 Idle <i>gpa</i> 1600 Pumping				
8. CHARGE PRESSURE ADJUSTMENT 34 Bar - (+0 -1)				
9. PUMP CENTERING ADJUSTMENT				
10. MAXIMUM PRESSURE CHECK 345 Bar				
11. BLACK BOX ADJUSTMENT 6-19 Bar				
12. A-10 PUMP ADJUSTMENT Load sense screw fully in Pressure compensator 190 Bar				
13. REMIXER PRESSURE ADJUSTMENT 190 Bar				
14. COOLER RELIEF ADJUSTMENT 30 Bar				
SHORTAGES				
CORR				
INIT.				
COMMENTS				

REED ALL MODELS	<b>QUALITY ASSURANCE INSPECTION CHECK LIST</b> TRUCK MOUNTED CONCRETE PUMP	PAGE 1 OF 1
INSPECTED BY _____		DATE _____

Q.C. & PUMP OPERATIONAL TEST	WORK ORDER _____
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DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
15. FLUSHING VALVE ADJUSTMENT		
Should be 25.8 G.P.M. (+0-.5)		
Evenly balanced	<i>mm</i>	
16. MAXIMUM CYCLES PER MINUTE CHECK		Main Control Box ---
30 (+ or - 1)	<i>28</i>	Radio Control ----
		Cable Remote---
17. CYCLE TEST		
8 Hour time period	<i>mm</i>	
Documentation of test sheets	<i>mm</i>	
18. WATER PUMP ADJUSTMENT		
Relief set to attain maximum flow without swelling of hose when nozzle is closed	<i>mm</i>	
19. BOOM VALVE PRESSURE ADJUSTMENT		
340 Bar--- ( XT-32 & XT-36 )		
350 Bar--- ( XXT-42 )		
20 BOOM RADIO CONTROL PARAMETERS CHECK		
21 OUTRIGGER PRESSURE ADJUSTMENT		
Main block relief--250 Bar ( +or- 1 )		
XT-36 Extension relief--60 Bar ( +or- 1 )		( SEE NOTE BELOW )
XXT-32 or 42 Extension relief		
XXT-32 or 42 front swing out relief--60 Bar (+or- 1)		

SHORTAGES	CORR INIT.

COMMENTS

**NOTE...REFER TO TEST PROCEDURE WORK INSTRUCTIONS FOR ADJUSTMENT METHODS.**

*NEW O/RIGGED CONTROL VALVES (PIN 807727 + 807728)  
REQUIRE EXTENSION RELIEF ADJUSTED TO 120 BAR.  
7-3-03 (FIRST VALVES USED) XT-36*