

06-256-XT36

(205240)



JOB NUMBER: VL9219

**BUILD ORDER**

SALE	CONSIGNMENT	DEMO	RENTAL	ORIGINATED BY:
CE 071403-002	X1-	X2-	X3-	

CUSTOMER: LBW Pumping Service <sup>501500</sup> ORDER DATE: 7/10/06

MODEL: XT36-160 COMPLETION DATE: 8/21/06

SERIAL #: 06-256-XT36-160 VIN #: #

PART #: XT36R4XT-OL-001

OPTIONS / INSTRUCTIONS:

*Yellow #50741  
& white mack white*

(1) ENGINEERING (Specials Only): \_\_\_\_\_ DATE

(2) PRODUCTION CONTROL:  7/28/06 DATE

Copy to: PRODUCTION (Build Order Only)  
CUSTOMER SERVICE  
ACCOUNTING (Original attached to Order Acknowledgment)

*Truck*

JOB #	XT36-160 (205241) SN# 06-256		
	customer: LBW PUMPING Service		
VL	<b>BOOM MAKE UP PIPE LENGTHS'</b>		
9219	ARM		LENGTH
		A	81 1/2"
		B	48"
		B-C	
		C	48"
		C-D	
		D	50"
		E	
	PIPE TYPE (Ultra III or Normal?)		w/2
	TIP HOSE SIZE		
	<b>SPECIAL ELBOWS</b>		
			PART #
	Turret	A sect	801102
	A sect	B sect	
	B sect	C sect	801104
	C sect	D sect	
	D sect	E sect	
	<b>DECK MAKE UP PIPE LENGTHS</b>		
	PIPE		LENGTH
		#1	14"
		#2	40 3/4"
		#3	79"
	SPECIAL ELBOWS		803027
	TURRET PIPE		35 1/4"
	<b>DECK DELIVERY LINE COMPONENTS</b>		
	HOPPER ELBOW		B-191015
	ELBOW 6"		800336
	REDUCER		w-102041
	SPECIAL TURRET ELBOW		800327
	<b>RADIO REMOTE SERIAL NUMBER</b>		SERIAL #
	RADIO REMOTE		9994992390
	CABLE REMOTE		9909199490
	<b>TRUCK</b>		
			SERIAL #
			1M2K189CX5M028210
	<b>BOOM SIZE</b>		
			SERIAL #
	XT36-160	205241	N-81-12
	<b>BOOM SIZE---</b>		
			SERIAL #
	PEDESTAL		DJS E048
	A SECTION		DJS E048
	B SECTION		DJS E048
	C SECTION		DJS E048
	D SECTION		DJS E048
	E SECTION		

MFD. BY: REED LLC

DATE OF MFR: MO. 06 YR. 2006

INC. VEH. MFD. BY: \_\_\_\_\_

MACK TRUCKS INC.

DATE OF INC. VEH. MFR:

MO. 03 YR. 2005

GVWR:

29,030 KG ( 64,000 LB)

GAWR-FRONT:

9,072 KG ( 20,000 LB)

GAWR-REAR:

19,958 KG ( 44,000 LB)

CONFORMITY OF THE CHASSIS-CAB TO U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS, WHICH HAVE BEEN PREVIOUSLY FULLY CERTIFIED BY THE INCOMPLETE VEHICLE MANUFACTURER OR BY THE INTERMEDIATE VEHICLE MANUFACTURER, HAS NOT BEEN AFFECTED BY THE FINAL-STAGE MANUFACTURE. THE VEHICLE HAS BEEN COMPLETED IN ACCORDANCE WITH PRIOR MANUFACTURER'S INSTRUCTIONS, WHERE APPLICABLE. THIS VEHICLE CONFORMS TO ALL OTHER APPLICABLE U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN:

MO. 06 YR. 2006

VEHICLE IDENTIFICATION NUMBER:

1M2K189CXS028210

VEHICLE TYPE:

TRUCK

SUITABLE TIRE-RIM CHOICE

FRONT: 425/65R22.5L TIRES,

22.5x8.25 RIMS, @ 827 KPA,

( 105 PSI) COLD SINGLE

INTERMEDIATE (1):

11R22.5 G TIRES,

22.5x8.25 RIMS, @ 724 KPA,

( 105 PSI) COLD DUAL

INTERMEDIATE (2):

\_\_\_\_\_ TIRES,

\_\_\_\_\_ RIMS, @ \_\_\_\_\_ KPA,

( \_\_\_\_\_ PSI) COLD

REAR: 11R22.5 G TIRES,

22.5x8.25 RIMS, @ 724 KPA,

( 105 PSI) COLD DUAL

#### **TO OPERATE CONCRETE PUMP**

1. Do not operate air conditioner while in pump mode.
2. Position truck and set parking brake.
3. Turn ON 24vdc power switch.
4. 24vdc power green light will glow.
5. Depress clutch fully & turn PTO Switch to ON position.
6. While clutch is depressed engage reverse gear to stop transmission, proceed to #7.
7. Shift to 7th Gear and let clutch out slowly to preload transmission, then release clutch to engage pumps.
8. Green PTO light will turn on when PTO is engaged.

#### **TO RETURN TO DRIVE MODE**

1. Depress clutch fully & shift transmission to neutral.
2. Turn PTO selector switch to drive position.
3. Engage 1<sup>st</sup> gear, release clutch slowly to check for truck drive engagement.
4. Depress clutch shift to neutral.
5. Turn 24vdc Switch to OFF position.
6. Both Green PTO light and 24vdc light will turn off.

06-256-X36-160

X136-160

VL-9219

**REED**  
 13822 OAKS AVENUE  
 CHINO, CA 91710 USA

PHONE (909) 287-2100  
 FAX (909) 287-2140

MODEL X136-160 SERIAL NO. 06-256-X136160

MATERIAL PRESSURE	<u>1230</u>	PSI	<u>85</u>	BAR
HYDRAULIC PRESSURE	<u>4650</u>	PSI	<u>320</u>	BAR
ENGINE / PTO ELECTRIC MOTOR	<u>1650</u>	RPM	<u>24-VLTS</u>	VOLTS

PN 88636

24-VLTS

~~12VDC~~

REED ALL MODELS	QUALITY ASSURANCE INSPECTION CHECK LIST		PAGE 1 OF 1
	TRUCK MOUNTED CONCRETE PUMP		INSPECTED BY <i>[Signature]</i> DATE <i>8/20/06</i>

S# 06-256 AT 36-160 (205241)

**Q.C. & PUMP OPERATIONAL TEST** WORK ORDER

DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
<b>1. Q.C. INSPECTION PACKAGE</b>		
All forms in package	<i>NA</i>	
All shortages in package	<i>NA</i>	
<b>2. BUILD ORDER REVIEW</b>		
Truck built per build order	<i>AM</i>	
Options installed per build order	<i>AM</i>	
Oil type required	<i>AM</i>	
Defeciencies noted	<i>AM</i>	
<b>3. PRELIMINARY WALK AROUND</b>		
Components installed properly	<i>AM</i>	
Proper hose & wire routing	<i>AM</i>	
Bolts & fittings tight	<i>AM</i>	
Defeciencies corrected	<i>AM</i>	
<b>4. FLUID LEVELS</b>		
Engine oil	<i>AM</i>	
Coolant	<i>AM</i>	
Boom tank hydraulic oil	<i>AM</i>	Type <i>46</i>
Main tank hydraulic oil	<i>AM</i>	Type <i>46</i>
Auto lube grease	<i>AM</i>	
Flush box - Oil & water	<i>AM</i>	
<b>5. PRE START UP</b>		
Filling & bleeding of hydraulic system	<i>AM</i>	

SHORTAGES	CORR INIT.

**COMMENTS**

REED  
ALL MODELS

QUALITY ASSURANCE INSPECTION CHECK LIST  
TRUCK MOUNTED CONCRETE PUMP

PAGE 1 OF 1

INSPECTED BY \_\_\_\_\_

DATE \_\_\_\_\_

Q.C. & PUMP OPERATIONAL TEST

WORK ORDER \_\_\_\_\_

DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
--------------------------------	----------	-----------------

6. FILTRATION OF SYSTEM  
( 2 Hour time period )

N/A

7. R.P.M. CHECK

800 Idle

900

mm

~~1000 Pumping~~ 1500

1500

mm

NEED TO REDUCE TO 1500

8. CHARGE PRESSURE ADJUSTMENT

34 Bar - (+0 -1)

N/A

9. PUMP CENTERING ADJUSTMENT

N/A

10. MAXIMUM PRESSURE CHECK

345 Bar

300

mm

11. BLACK BOX ADJUSTMENT

6-19 Bar

N/A

TURN IN PRESSURE CONTROL VALVE 1/3 WAY TO WAY & LOCK DOWN mm

12. A-10 PUMP ADJUSTMENT

Load sense screw fully in

Pressure compensator 190 Bar

N/A

13. REMIXER PRESSURE ADJUSTMENT

190 Bar

250 BAR

mm

14. COOLER RELIEF ADJUSTMENT

30 Bar

300 mm & 0

SHORTAGES

CORR  
INIT.

COMMENTS



REED ALL MODELS	QUALITY ASSURANCE INSPECTION CHECK LIST	
	TRUCK MOUNTED CONCRETE PUMP	
	INSPECTED BY _____ DATE _____	
Q.C. & PUMP OPERATIONAL TEST		WORK ORDER _____
DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
15. FLUSHING VALVE ADJUSTMENT	/	
Should be 25.8 G.P.M. (+0-.5)		
Evenly balanced		
16. MAXIMUM CYCLES PER MINUTE CHECK		Main Control Box --- 26
30 (+ or - 1)                      26		Radio Control ---- 26
		Cable Remote--- <del>26</del> 26
17. CYCLE TEST		
8 Hour time period	MM	
Documentation of test sheets	MM	
18. WATER PUMP ADJUSTMENT		
Relief set to attain maximum flow without swelling of hose when nozzle is closed		
19. BOOM VALVE PRESSURE ADJUSTMENT		
340 Bar---( XT-32 & XT-36 )                      350 MM		
350 Bar--- ( XXT-42 )		
20 BOOM RADIO CONTROL PARAMETERS CHECK.		
21 OUTRIGGER PRESSURE ADJUSTMENT		
Main block relief--250 Bar (+or-1)                      350 MM		
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 OUTRIGGER CONTROL VALVES (PIN 802727 + 802728)		
REQUIRE EXTENSION RELIEF ADJUSTED TO 120 BAR.		
7-3-03 (FIRST VALUES USED)                      XT-36		



# WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY M. [Signature]

DATE 8/30

MACHINE MODEL

X130-160

S/N

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
3:00	93			100 <del>0</del> BAR	1400	3/4	
3:30	93			100 <del>0</del>	1400	3/4	
4:00	93			100 <del>0</del>	1500	FULL	
4:30	93			120 <del>0</del>	1500	FULL	
5:00	93	175	Shutdown	120 <del>0</del>	1500		
8:30	79		200	100 <del>0</del>	1500	ELEC MALFUNCTION LOST RPM CONTROL	
9:00	79	115	210	100 <del>0</del>	1500		
9:30	82	130		120 <del>0</del>			25
10:00	85	150	210	130 <del>0</del>		FULL	24
10:15	SHUTDOWN - HYD OVERHEAT @ 178°			(Tank Gauge Reads 155°)			
START 2:45		143	200	200 <del>0</del>	1500	F	21
7:30	78	118	200	200 B	1500	F	20
8:15	80	161	200	200	1500	F	21
8:30	80	171	200	200 BAR	1500	START WATER IN FLUSH BOX	21
8:45 STOP AGITATOR							
9:00	84	171	200	200 BAR	1500	F	21
9:30	86	175	200	200	1500	F	21
10:00	87	176	210	200		F	20
10:20 STOP	89	178	OVER HEATED				
START 2:00	100	136	200	250 B	1500		17
8/29 9:30	82	102	200	100 B	1300	3/4	19
10:30	87	137	200	150 B	1500	FULL	26-LOCAL MALFUNCTION SO BAR

31" Hose



## CHASSIS INSPECTION CHECK LIST

MFG MACK

MODEL \_\_\_\_\_

VIN 1M2K18945M028004

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	✓			• Dents	✓
• English Display	✓	<b>B-FRAME-FUEL TANK</b>	✓		
• Speedometer w/Trip Odometer	✓	• Bumper Channel Type Extended 63"	✓		
• Eng. Tach w/ Hourmeter	✓	• Towing Device Frt-Pin	✓	<b>I-DRIVE TRAIN</b>	✓
• Glass-Tinted Windows		• Fuel Tank LH 80 Gal RD. <i>LH</i>	✓	• MACK MD209 Transmission	✓
• Glove Box	✓			• Range selector valve tight	✓
• Grab Handles - Ext.	✓				
• RH & LH Behind Door	✓	<b>C-FRONT AXLE</b>	✓		
• Grab Handles - Int.	✓	• Capacity 20000 lbs	✓		
• Windshield Post RH-LH	✓	• Tires Tubeless Radial	✓	<b>J-COMMENTS</b>	
• Instr. Panel RH	✓	• Size 425/65R 22.5 18S	✓		
• Hi-Beam Indicator Light	✓	• Wheels-Alum Disc 10 Hole	✓		
• Horn	✓				
• Air Twin Trumpet	✓				
• Electric Single Tone	✓	<b>D-REAR AXLE-TANDEM</b>	✓		
• Lights	✓	• Capacity 44000 lbs	✓		
• Marker & Clearance (7)	✓	• Tires (8) 11R-22.5-14G	✓		
• Side Markers	✓	• Air Brakes	✓		
• Turn Signals-Front	✓	• Wheels-Alum Disc-10 Holes	✓		
• Headlights (2) Conv 7" RD	✓				
• Rear (2) Stop, Direct, Back up		<b>E-ELECTRICAL</b>	✓		
• Signal Flasher Type	✓	• Back up Alarm	✓		
• Interior Trim - White	✓	• Battery Box Covers	✓		
• Low Air Indicator Light & Buzz	✓	• Daytime Running Lights	✓		

Odometer Reading 108.63

Hourmeter Reading 27.70

Inspected By Robert M. Lascione

Date 4/11/06



# STABILITY TEST RECORD

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY Duane Remus

DATE 9-12-2006

MACHINE MODEL XT36-160  
BOOM MODEL CBR-  
CHASSIS MR 690 S

SIN 06-256-XT36-160  
SIN 205241  
VIN 1MAH089CX5M028210

PEDESTAL: XT  
REAR OUTRIGGER: Swing

WORK ORDER#:   
FRONT OUTRIGGER: X

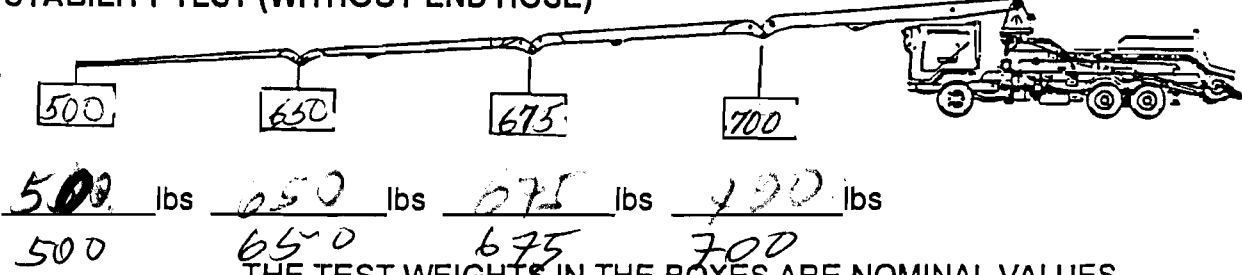
CUSTOMER:

DELIVER LINE SIZE: 125 mm x mm  
ADDITIONAL COUNTER WEIGHT: KG

END HOSE: M

LOCATION:

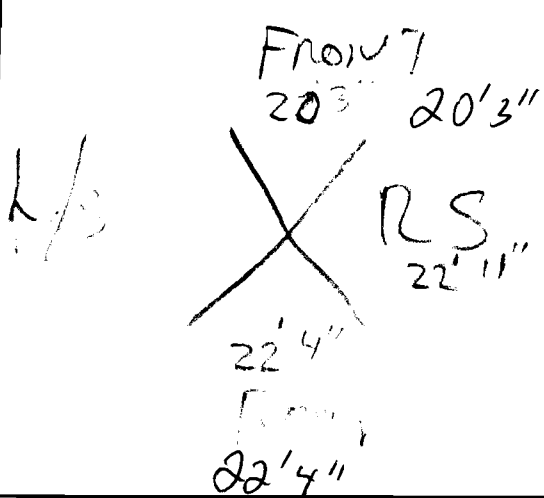
### STABILITY TEST (WITHOUT END HOSE)



THE TEST WEIGHTS IN THE BOXES ARE NOMINAL VALUES.

PLEASE ENTER THE ACTUAL TEST WEIGHTS USED INTO THE CORRESPONDING SPACES

### OUTRIGGER SPREAD



	NOMINAL DIMENSIONS	ACTUAL DIMENSIONS
"A"		
"B"		
"C"		
"D"		

	OUTRIGGER PENETRATION "E"	
	FRONT	REAR
RIGHT		
LEFT		

### TEST RESULTS

STABILITY APPROVED:

STABILITY DISAPPROVED:

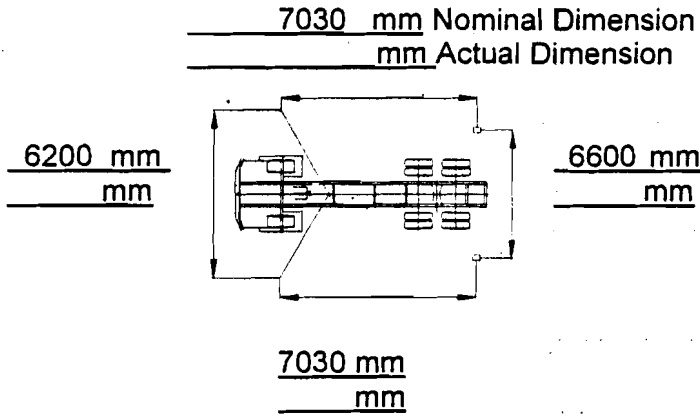
DATE: 9-12-2006

NAME: \_\_\_\_\_

SIGNATURE: Duane Remus

## STABILITY TEST RECORD OUTRIGGER 36 XT

**OUTRIGGER DIMENSION:**



**STABILITY WITH 125% WEIGHT:**

CHECKED:



<b>Outrigger</b>		
FRONT	REAR	
mm	mm	RIGHT
mm	mm	LEFT

**FUNCTION ACCORDING SIGN PLATE AND CONTROL OF LEAKAGE**

	Open	Close	Leakage checked
Right front jack cylinder			
Right front X			
Right back swing out			
Right back jack cylinder			
Left front jack cylinder			
Left front X			
Left back swing out			
Left back jack cylinder			

**TEST RESULT:**

STABILITY APPROVED:

STABILITY DISAPPROVED:

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

Overall look:

Checked:

**TEST RESULT:**

APPROVED:

DISAPPROVED:

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_