REED

JOB NUMBER: VL8780

BUILD ORDER

SALE	CONSIGNMENT	DEMO	RENTAL	ORIGINATED BY:
CE 04/0606-002	X1-_____	X2-_____	X3-_____	JL

CUSTOMER: Castro's Concrete

ORDER DATE: 4/4/06

MODEL: XT36-160

COMPLETION DATE: _____

SERIAL #: 06-249

VIN #: 1M2K189C45M028204

PART #: XT36R4XT-OL-U01

OPTIONS / INSTRUCTIONS:

(1) ENGINEERING (Specials Only): app 4/6 DATE

(2) PRODUCTION CONTROL: _____ DATE

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

Put with JOB Card

X

machine TECHNOLOGIES
Concrete and Mixing Pumps

SALES QUOTE

TO: Castro Concrete	DATE:	March 17, 2006
Dallas, TX Castro's Concrete	REF NUMBER:	3621805160
1629 Dent. St	VALIDITY:	30 DAYS
Garland, TX 75042	PAYMENT TERMS:	Payment due prior to delivery
PHONE: 972-375-6561/ 214-317-2763	AVAILABILITY:	In stock
FAX: 214-321-3673	DELIVERY TERMS:	F.O.B. CHINO, CA
SALESMAN: Darrell Harris	Equipment Subject to Prior Sale, Freight is Additional	

REED Model XT36-160 Truck-mounted Concrete Boom Pump

Boom Specification:

- 117' 5" (35.6 M) vertical reach, 105' 0" (32 M) horizontal reach, four section boom.
- Section articulation (A / B / C / D): 96° / 180° / 180° / 240°; Slewing range 370°
- Unfolding Height of 27' 9" (8.48 M)
- Outrigger Spread L-R-Front of 20' 4" (6.2 M); L-R-Rear of 21' 8" (6.6 M)
- Proportional Radio controls

Pump Performance:

- Max. Theoretical Output.....160 cu yds/hr (125 m³/hr)
- Max. Theoretical Concrete Pressure.....625 psi (57 bar)
- Max. Aggregate Size.....2½" (63 mm)

Pump Specifications:

- S-Tube 9" x 9" (203 mm x 203 mm); Twin Shifting Cylinders
- Hard-chromed Concrete Cylinders are 9" x 79" (230 mm x 2000 mm)
- Rexroth A11VOL hydraulic pump.
- Fully Variable Output Volume Control from Zero to Full
- 23 cubic feet (650 Liter) Harsh Mix Hopper with Remixer
- Dual Hydraulic Oil Tanks, Tool Box, Auto Lube

Truck Specifications (Typical choice):

- Mack Truck MR688S with E7-350 engine, 350HP; 215 inch wheelbase
- Mack T-2090 9-Speed Transmission, Bronze Rear Suspension Bushing
- Air brakes; 80 gallon (303 Liter) fuel tank; Aluminum Wheels, Jake Brake, A/C, Radio
- Front Axle Mack FAW20 at 20,000 lbs., Rear Axle Mack S44 Multileaf at 44,000 lbs.

Optional Equipment:	Retail Price	Included ?:
• Custom 2-Color Paint (Pump Only)		NO
• Custom 3-Color Paint (Pump Only)		NO

Sales Summary:	
Pump and Optional Equipment Price:	
Mack Truck:	
Deposit Received 3/17/2006	
Delivery and Permits	
Net Selling Price (truck and pump):	

Any Sales Tax, Fees, Permits, License, Registration, and Freight are additional costs

Customer Signature : Nazario Castro 3/17/06

REED

JOB NUMBER: VL8780

BUILD ORDER

SALE	CONSIGNMENT	DEMO	RENTAL	ORIGINATED BY:
CE 04/0606-002	X1-	X2-	X3-	JL

CUSTOMER: Castro's Concrete

ORDER DATE: 4/4/06

MODEL: XT36-160

COMPLETION DATE:

SERIAL #: 06-249

VIN #: 1M2K189C45M028204

PART #: XT36R4XT-OL-U01

OPTIONS / INSTRUCTIONS:

(1) ENGINEERING (Specials Only): app 4/6 DATE

(2) PRODUCTION CONTROL: DATE

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

Truck

machine TECHNOLOGIES
Concrete and Mixing Pumps

SALES QUOTE

TO: Castro Concrete	DATE:	March 17, 2006
Dallas, TX Castro's Concrete	REF NUMBER:	3621805160
1629 Dent. St	VALIDITY:	30 DAYS
Garland, TX 75042	PAYMENT TERMS:	Payment due prior to delivery
PHONE: 972-375-6561/ 214-317-2763	AVAILABILITY:	In stock
FAX: 214-321-3673	DELIVERY TERMS:	F.O.B. CHINO, CA
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Optional Equipment:	Retail Price	Included ?:
• Custom 2-Color Paint (Pump Only)		NO
• Custom 3-Color Paint (Pump Only)		NO

Sales Summary:	
Pump and Optional Equipment Price:	
Mack Truck:	
Deposit Received 3/17/2006	
Delivery and Permits	
Net Selling Price (truck and pump):	

Any Sales Tax, Fees, Permits, License, Registration, and Freight are additional costs

Customer Signature : Nazario Castro 3/17/06

1. MANUFACTURED BY MACK TRUCKS, INC., BOX M, ALLENTOWN, PA 18105-5000

INCOMPLETE VEHICLE DOCUMENT

2. DATE: 03/2005 3. VEHICLE IDENTIFICATION NUMBER 1M2K189C45M028204 4. GVWR: 29030 KG (64000 LB)

	GAWR		TIRES	RIMS VL8780		
5. FRONT:	9072 KG	(20000 LB) WITH	425/65R22.5L	, 22.5 X 12.25	, AT	827 KPA (120 PSI) COLD SINGLE
1ST INT.:	9979 KG	(22000 LB) WITH	11R22.5 G	, 22.5 X 8.25	, AT	724 KPA (105 PSI) COLD DUAL
2ND INT.:	KG	(LB) WITH		, XT36-160	AT	KPA (PSI) COLD
3RD INT.:	KG	(LB) WITH			, AT	KPA (PSI) COLD
REARMOST:	9979 KG	(22000 LB) WITH	11R22.5 G	, 22.5 X 8.25	, AT	724 KPA (105 PSI) COLD DUAL

6. VEHICLE TYPE: TRUCK 6/14/06 SEQ. NO.: H050328012 SN-06-249-XT36.160

7. This incomplete vehicle was manufactured to conform to applicable

UNITED STATES

Motor Vehicle Safety Standards in effect on its date of manufacture shown above. Those Standards to which it complies in full are preceded in the MVSS list by an asterisk (*).

8. **MVSS 121**

The height of the center of gravity of the incomplete vehicle, body, and payload, measured from ground level (vertical CG), shall not exceed 72 inches (183 cm); and the ratio of the vertical CG divided by the wheelbase of the incomplete vehicle shall not exceed **.500** . The height of the top of the frame rail (measured at the center of the wheelbase) should be used as the CG height of the unloaded incomplete vehicle.

9. *MVSS 101:
This incomplete vehicle, when completed, will conform to Standard 101-Controls and Displays, if no alterations are made to driver operated controls, their identification and means of illumination, or to the location of the driver's seat or sun visor.

*MVSS 102:
This incomplete vehicle, when completed, will conform to Standard 102- Transmission Shift Lever Sequence, if no alterations are made to the transmission, shift control or accelerator control.

*MVSS 103:
This incomplete vehicle, when completed, will conform to the applicable sections of Standard 103-Windshield Defrosting and Defogging Systems, if no alterations are made to the heating and/or defrosting / defogging system(s).

*MVSS 104:
This incomplete vehicle, when completed, will conform to Standard 104-Windshield Wiping and Washing Systems, if no alterations are made to the windshield wiper components, washer components, or wiped glazed surface.

*MVSS 106:
This incomplete vehicle, when completed, will conform to Standard 106-Brake Hoses, if: no alterations are made to the brake hoses, brake hose end fittings, or brake hose assemblies supplied with the incomplete vehicle; or no brake hose assemblies are added to the basic brake system.

MVSS 108:
Conformity with Standard 108-Lamps, Reflective Devices, and Associated Equipment, is not determined by the incomplete vehicle, since the incomplete vehicle does not include devices normally supplied with the body. Lamps, reflective devices, and associated equipment installed on the incomplete vehicle are in conformance with applicable requirements of Standard 108. Final conformance may require relocation of some devices installed on the incomplete vehicle. Increasing the height of the incomplete vehicle may cause installed lamps and/or reflectors to exceed the height limitations of Standard 108.

*MVSS 111:
This incomplete vehicle, when completed, will conform to Standard 111-Rearview Mirrors, if no alterations or additions are made to the mirror assemblies, their location or mounting structures.

*MVSS 113:
This incomplete vehicle, when completed, will conform to Standard 113- Hood Latch System, if no alterations are made in the hood latching system or components.

*CANADA MVSS 115:
This incomplete vehicle, when completed, will conform to Standard 115-Vehicle Identification Number, if no alterations are made to the vehicle identification number stamped into the frame right-hand side rail.

*MVSS 116:
This incomplete vehicle, when completed, will conform to Standard 116- Motor Vehicle Brake Fluid, when the incomplete vehicle is equipped with hydraulic brake components by the incomplete vehicle manufacturer and brake fluid is neither changed nor added. If the incomplete vehicle is not originally equipped with hydraulic brake components, the incomplete vehicle manufacturer makes no representation as to conformity with the standard.

NOTICE

For recommendations concerning additions to or modifications of this incomplete vehicle, please consult the Mack Body Installer's Guide for Class 8 Chassis (Service Manual # 1-001), available through the Mack website or Mack Service & Parts Dealers.

Intermediate and final stage manufacturers are responsible for any additional equipment they add to the incomplete vehicle. The weight of and/or location of an added body, associated equipment and the body's intended payload must NOT cause any GAWR's and/or the final GVWR to be exceeded.

INCOMPLETE VEHICLE DOCUMENT - PAGE 2

MVSS 120:
This incomplete vehicle, when completed, will conform to Standard 120-Tire Selection and Rims for Motor Vehicles Other Than Passenger Cars, if no alterations are made to the tires or rims supplied with the incomplete vehicle, and if the corresponding tire and rim information shown in Item 5 on Page 1 is provided on the certification label of the completed vehicle or on a separate tire information label.

(NOTE: If this incomplete vehicle was manufactured with temporary or minimum tires or rims for shipment purposes only, or if a subsequent manufacturer changes or adds tires or rims, it is the final stage manufacturer's responsibility to either assure that the completed vehicle is equipped with tires and rims with capacity equal to or greater than the GAWR's shown in Item 5 on Page 1, or to rerate the axle system(s) and the GVWR accordingly.)

MVSS 121
This incomplete vehicle, when completed, will conform with applicable requirements of Standard 121-Air Brake Systems, if the incomplete vehicle is equipped with an air brake system by the incomplete vehicle manufacturer and no subsequent alterations or additions are made including, but not limited to, the following.

A. The air brake system, including antilock brake system (ABS) or trailer electrical cable, air compressor, air compressor governor, air or hydraulic lines, valves, reservoirs, gauges, warning devices, mechanical components (foundation brakes, brake chambers or automatic slack adjusters) or electrical components.

B. Any components of any axle-suspension system which would result in an increase of gross axle weight rating (GAWR's) or gross vehicle weight rating (GVWR) beyond that listed in Item 4 or 5 on Page 1 of this document.

Compliance with Standard 121 is further dependent upon the following:

1) Compliance with the vertical CG and CG/WB ratio requirements specified in Item 8 on Page 1 of this document.

2) The total weight of the incomplete vehicle, equipment, body and payload shall not exceed the GVWR listed in Item 4 on Page 1 of this document.

3) That portion of the GVWR which is supported by any axle-suspension system shall not exceed the GAWR, listed in Item 5 on Page 1 of this document, for that specific axle, as measured at the tire-ground interface.

A change of the vehicle's wheelbase can affect compliance with MVSS121, particularly in the area of brake application/release timing. A manufacturer making changes to the incomplete vehicle's wheelbase must ensure that compliance with MVSS121 is maintained.

If the GAWR listed in Item 5 on Page 1 of this document, for any one axle, is 13,154 kg (29,000 lbs.) or more, this incomplete vehicle is exempt from MVSS 121 requirements, and the incomplete vehicle manufacturer makes no representation as to conformity with the standard.

If one or more axles are added to the incomplete vehicle, the brake components on each such axle must comply with the requirements of MVSS 121. Also, compliance of the complete air brake system with the requirements of MVSS 121, including, but not limited to, stopping distances and ABS, air reservoir capacity, air compressor buildup time, grade holding, and brake application/release timing, becomes the responsibility of the manufacturer installing the axle(s).

***MVSS 124:**
This incomplete vehicle, when completed, will conform to Standard 124-Accelerator Control Systems, if no alterations or additions are made to the driver operated accelerator control system, the fuel injection pump (or carburetor), or to any areas of the cab or chassis which are in contact with any portion of the driver operated accelerator control system and which could affect its operation.

***MVSS 205:**
This incomplete vehicle, when completed, will conform to Standard 205-Glazing Materials, if no alterations are made to the glazing materials.

***MVSS 206:**
This incomplete vehicle, when completed, will conform to Standard 206-Door Latches, Hinges and Locks, if no alterations are made to the door latches, hinges or locks.

***MVSS 207:**
This incomplete vehicle, when completed, will conform to Standard 207-Seating Systems, if no alterations are made to the seats, their mountings, associated mounting structure, or the seat belt attachments.

***MVSS 208:**
This incomplete vehicle, when completed, will conform to Standard 208-Occupant Crash Protection, if the seat belts are not removed.

***MVSS 209:**
This incomplete vehicle, when completed, will conform to Standard 209-Seat Belt Assemblies, if the seat belts are not altered.

***MVSS 210**
This incomplete vehicle, when completed, will conform to Standard 210-Seat Belt Anchorages, if no alterations are made to the anchorages themselves or to the surrounding structure.

***MVSS 302:**
This incomplete vehicle, when completed, will conform to Standard 302-Flammability of Interior Materials, if no alterations or modifications are made to any cab interior materials.

***CANADA MVSS 1106:**
This incomplete vehicle, when completed, will conform to Standard 1106-Noise Emissions, if no alterations are made to sound deadening shields or the power train or any of its related components, including the intake, exhaust or cooling systems.

NOTICE

Modification of the power train or any of its related components, including intake, exhaust or cooling systems, may affect compliance with noise emission, gaseous emission and/or smoke emission regulations, and, in the case of the exhaust, overall width regulations. For example, inserting an exhaust diverter valve (to heat a dump body) between the engine and a catalytic muffler (if so equipped) will result in the engine no longer complying with applicable gaseous emission regulations. It is the responsibility of the body/equipment installer/alterer to ensure continued compliance with applicable regulations.

6/14/06

XT36-160

SN-06-249-XT36.160

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: 29030 KG (64000 LB)

GAWR-FRONT: 9072 KG (20000 LB)

GAWR-REAR: 19958 KG (44000 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: → 1M2K189C45M028204

VEHICLE TYPE: TRUCK

SUITABLE TIRE-RIM CHOICE

FRONT: 425/65R22.5L TIRES, 22.5x12.25 RIMS, @ 827 KPA, (120 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

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:
1M2K189C45M028204
VEHICLE TYPE:
TRUCK

SUITABLE TIRE-RIM CHOICE
FRONT: 425/65R22.5L TIRES,
22.5X12.25 RIMS, @ 827 KPA,
(120 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

VL-8780

REED

STABILITY TEST RECORD

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY _____ DATE 6-6-06

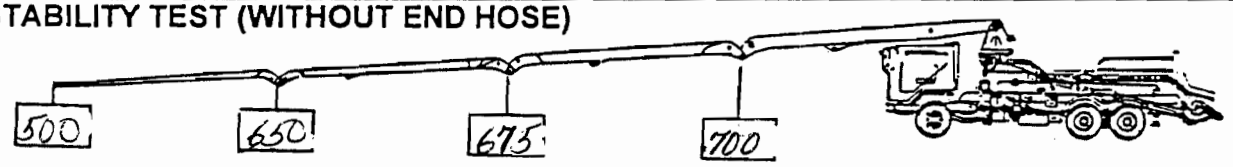
MACHINE MODEL XT36-160 S/N 06-249

BOOM MODEL CBR- _____ S/N _____

CHASSIS MR 684 VIN 1M2K189C45M028204

PEDESTAL:	WORK ORDER#:
REAR OUTRIGGER:	FRONT OUTRIGGER:
CUSTOMER:	
DELIVER LINE SIZE: mm x mm	END HOSE: M
ADDITIONAL COUNTER WEIGHT: KG	
LOCATION:	

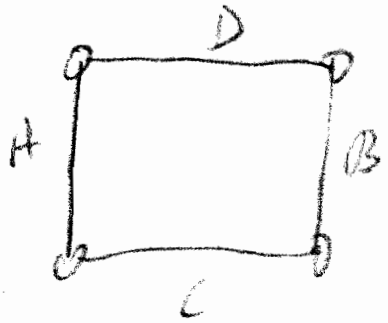
STABILITY TEST (WITHOUT END HOSE)



_____lbs _____lbs _____lbs _____lbs

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"	OH	20'3"
"B"		22'4"
"C"		
"D"		

	OUTRIGGER PENETRATION "E"	
	FRONT	REAR
RIGHT		
LEFT		

TEST RESULTS

STABILITY APPROVED: ☐ STABILITY DISAPPROVED: ☐

DATE: _____ NAME: _____

SIGNATURE: _____

20' 23'

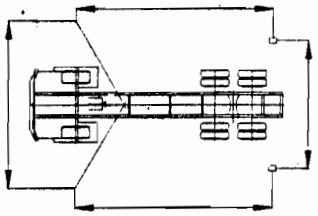
C:\Documents and Settings\mikew\Local Settings\Temporary Internet Files\OLK2E\Standsicherheit36XT.DOC

STABILITY TEST RECORD
OUTRIGGER 36 XT

OUTRIGGER DIMENSION:

7030 mm Nominal Dimension
mm Actual Dimension

6200 mm
mm
20'3"

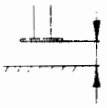


6600 mm
mm
23'

7030 mm
mm

STABILITY WITH 125% WEIGHT:

CHECKED: ☐



Outrigger		
FRONT	REAR	
mm	mm	RIGHT
mm	mm	LEFT

FUNCTION ACCORDING SIGN PLATE AND CONTROL OF LEACKAGE

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

TEST RESULT:
STABILITY APPROVED: ☒ STABILITY DISAPPROVED: ☐

DATE: 6-10-06 NAME: Duane Remus

SIGNATURE: Duane Remus

C:\Documents and Settings\mikew\Local Settings\Temporary Internet Files\OLK2E\ABN37(3x025)W[ ]doc

Overall look: **Checked:** [ ]

TEST RESULT:

APPROVED: DISAPPROVED:

DATE:_____ [ ] NAME: _____ [ ]

SIGNATURE: _____

REED

13822 OAKS AVENUE
CHINO, CA 91710 USA

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

MODEL XT-36-160 **SERIAL NO.** 06-249

MATERIAL PRESSURE	835	**PSI**	57	**BAR**
HYDRAULIC PRESSURE	4785	**PSI**	330	**BAR**
ENGINE / PTO ELECTRIC MOTOR	1650	**RPM**		**VOLTS**

P/N 86636

JOB #	XT-36-160	SN # 06-249-XT-36.160					
	coustomer:						
VL	BOOM MAKE UP PIPE LENGTHS						
8780	ARM						LENGTH
	A						81½"
	B						47 7/8"
	B-C						
	C						47½"
	C-D						
	D						49 7/8"
	E						
	TIP HOSE SIZE						
	SPECIAL ELBOWS						
	Turret	A sect					20 5/8" - 801102
	A sect	B sect					
	B sect	C sect					27" - 801104
	C sect	D sect					
	D sect	E sect					
	DECK MAKE UP PIPE LENGTHS						
	PIPE						LENGTH
	#1						14"
	#2						
	#3						
	SPECIAL ELBOWS						
	TURRET PIPE						35 1/4"
	DECK DELIVERY LINE COMPONENTS					PART #	
	HOPPER ELBOW						
	ELBOW 6"						
	REDUCER						
	SPECIAL TURRET ELBOW						
	RADIO REMOTE SERIAL NUMBER					SERIAL #	
	RADIO REMOTE					99940155 99	
	CABLE REMOTE					9909349092	
	TRUCK					SERIAL #	
						1M2K189C45M028204	
	BOOM SIZE					SERIAL #	
	XT-36-160					N-6710	

W.S. Pipes

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

Q.C. & PUMP OPERATIONAL TEST

WORK ORDER VL8780

DESCRIPTION OF ITEM INSPECTION	OK 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		
Defeciencies noted		
3. PRELIMINARY WALK AROUND	RV	
Components installed properly		
Proper hose & wire routing		
Bolts & fittings tight		
Defeciencies corrected		
4. FLUID LEVELS	RV	
Engine oil		
Coolant		
Boom tank hydraulic oil		Type TELLUS 46
Main tank hydraulic oil		Type TELLUS 46
Auto lube grease		
Flush box - Oil & water		
5. PRE START UP	RV	
Filling & bleeding of hydraulic system	N/A	

SHORTAGES	CORR INIT.

COMMENTS

GREASER settings BLUE ON #7
RED ON #1
RUN TIME IS 4 MINUTES
OFF TIME IS 1/2 AN hr.

REED ALL MODELS	QUALITY ASSURANCE INSPECTION CHECK LIST TRUCK MOUNTED CONCRETE PUMP INSPECTED BY RUBEN DATE 10/27/05	PAGE 1OF 1

Q.C. & PUMP OPERATIONAL TEST		WORK ORDER VL 8780
DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
6. FILTRATION OF SYSTEM	N/A	
(2 Hour time period)	↓	
7. R.P.M. CHECK		
800 Idle		
1600 Pumping		
8. CHARGE PRESSURE ADJUSTMENT	N/A	
34 Bar - (+0 -1)	↓	
9. PUMP CENTERING ADJUSTMENT	N/A	
10. MAXIMUM PRESSURE CHECK	RV	
345 Bar	RV	290 PRE-SETED.
11. BLACK BOX ADJUSTMENT	N/A	
6-19 Bar	↓	
12. A-10 PUMP ADJUSTMENT	N/A	
Load sense screw fully in	↓	
Pressure compensator 190 Bar		
13. REMIXER PRESSURE ADJUSTMENT	RV	
190 Bar	RV	230 PRE-SETED.
14. COOLER RELIEF ADJUSTMENT	N/A	PRESETED.
30 Bar	↓	

SHORTAGES	CORR INIT.

COMMENTS

REED ALL MODELS	QUALITY ASSURANCE INSPECTION CHECK LIST TRUCK MOUNTED CONCRETE PUMP INSPECTED BY RUDEEN DATE 10/27/03	PAGE 1OF 1

Q.C. & PUMP OPERATIONAL TEST — WORK ORDER VL-8780

DESCRIPTION OF ITEM INSPECTION	OK INIT.	CORRECTION MADE
15. FLUSHING VALVE ADJUSTMENT	N/A	
Should be 25.8 G.P.M. (+0-.5)	↓	
Evenly balanced	↓	
16. MAXIMUM CYCLES PER MINUTE CHECK	RV	Main Control Box --- 25
30 (+ or - 1) 24 (+or-1)	RV	Radio Control ---- 25
	RV	Cable Remote--- 25
17. CYCLE TEST	RV	
8 Hour time period	RV	
Documentation of test sheets	RV	
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 Bar--- (XXT-42)		
350 BAR XT36-160	RV	350 PRESETED.
20 BOOM RADIO CONTROL PARAMETERS		
CHECK.		
21 OUTRIGGER PRESSURE ADJUSTMENT	RV	
Main block relief--250 Bar (+or - 1)	RV	240 PRESETED
XT-36 Extension relief--60 Bar (+or- 1)		(SEE NOTE BELOW)
XXT-32 or 42 Extension relie		
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/RIGGER CONTROL VALVES (P/N 802727 + 802728) REQUIRE EXTENSION RELIEF ADJUSTED TO 120 BAR. 7-3-03 (FIRST VALVES USED) XT-36

REED

WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY RUBEN DATE 10/28/05

MACHINE MODEL XT36-160 S/N VL 8780

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
10:15	63°	137°	210°	100 BAR	FULL	8	22
10:30	65°	132°	215°	70 BAR		7	18
10:45	65°	132°	210°	70 BAR		7	18
11:00	64°	136°	210°	110 BAR		8	21
11:15	64°	137°	205°	110 BAR		8	21
11:30	65°	139°	205°	110 BAR		8	21
1:00	69°	119°	210°	70 BAR		7	19
1:15	69°	123°	210°	70 BAR		7	19
1:30	70°	127°	210°	100 BAR		8	20
1:45	70°	129°	210°	100 BAR		8	20

REED

WATER TEST RECORD SHEET

TRUCK MOUNTED CONCRETE BOOM PUMP

INSPECTED BY RUBEN DATE 10/27/05

MACHINE MODEL XT36-160 S/N VL8780

TIME	AMB TEMP	HYD TEMP	ENG TEMP	HYD PRESSURE	ENG RPM	VOL SETTING	STROKES P/MIN
10:45	64°	100°	215°	50 BAR	1500	6	15
11:00	64°	106°	210°	60 BAR	FULL	7	16
11:15	63°	110°	210°	60 BAR		7	16
11:30	63°	114°	210°	80 BAR		8	19
12:15	62°	113°	210°	80 BAR		8	19
12:30	62°	123°	210°	140 BAR		10	23
12:45	62°	134°	210°	140 BAR		10	23
3:00	66°	113°	210°	80 BAR		7	18
6:45	58°	76°	190°	60 BAR		6	15
7:00	58°	93°	210°	80 BAR		7	16
7:15	58°	102°	215°	80 BAR		7	16
7:30	57°	112°	210°	80 BAR		8	18
7:45	57°	119°	210°	100 BAR		8	20
8:00	57°	121°	210°	100 BAR		8	20
8:15	58°	124°	210°	100 BAR		8	20
8:30	59°	130°	210°	140 BAR		9	22
8:45	59°	133°	210°	140 BAR		9	22
9:00	60°	129°	210°	80 BAR		7	14
9:15	62°	127°	210°	80 BAR		7	14
9:45	63°	127°	210°	100 BAR		8	22
10:00	63°	134°	210°	100 BAR		8	22

XT-36-160

* ~~FUEL TANK ROTATE FOR better ASSEST to Exhibit UP.~~

* ~~PIPE PLUG MISSING ON HYD TANK~~

~~WIRING BACKWARDS ON ONE OF THE VALVES.~~

* ~~BOOM HYD. TUBE LOOSE, ON SECTION C.~~

COOLER

* ~~COOLER GAUGE~~ LEAKING OIL, LEFT SIDE ON ~~OR MULTI COUPLER~~

* CHECK computer, ~~TO~~ ~~SET~~ IT AND 1500 RP'S MAX.

* PTL SWITCH Light NOT WORKING INSIDE CAB
HHS Warning Lite Bulb - Need 24L

2.50 PM

RUN FOR 4 MIN BLUE ON 1 LED ON 2

ON AT 6:56 RUN TIME OFF TIME
ON 12:06 TILL 12:20 IT HOLD RPM FOR 10 MIN
OFF 12:20 TILL 12:30 BACK UP ONLY