

Agenda Item Summary

**1. ACTION REQUESTED/PURPOSE:** Approve award of Project # EX070355, the purchase of three (3) new Versalift Bucket Trucks for DOT/Traffic from Time Manufacturing Co. per the Federal General Services Administration Contract GS-30F-1024H. The base price of each truck is \$108,078.00, with \$4,610.00 in contract options, \$20,018.00 in non-contract options and a quantity price break of \$664.00 on all options for an each price per truck of \$132,042.00. The grand total for three trucks is \$396,126.00.

**2. FUNDING SOURCE:** Fund - Transportation Trust Fund; Program - Traffic Signals

**3. WHAT ACTION ACCOMPLISHES:** Provides DOT/Traffic with three new bucket trucks to be used for traffic signal maintenance.

**4. MANAGEMENT RECOMMENDATION:** Approve

**5. Departmental Category:**

**C9A**

**6. Meeting Date:** APR 24 2007

**7. Agenda:**

Consent

Administrative

Appeals

Public

Walk-On

**8. Requirement/Purpose: (specify)**

Statute

Ordinance

Admin. Code

Other

**9. Request Initiated:**

**Commissioner**

**Department**

**Division**

By: Scott Gilbertson, Director

Transportation

Traffic

**10. Background:** On March 13, 2007 the Division of Purchasing received a request from Fleet/DOT Traffic to purchase three new Versalift Bucket Trucks from Time Manufacturing Co. per GSA Contract # GS-30F-1024H.

Account String: PD5410417500.506430

Attachments:

- (1) Department's Request for Purchase
- (2) Vendor's Quotation/GSA Contract # GS-30F-1024H

**11. Review for Scheduling:**

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P. W. Director
					Analyst	Risk	Grants	Mgr.	
<i>Mauldin</i>	<i>Janet Sheehan</i>			<i>RF</i>	<i>RK419</i>	<i>MR</i>	<i>4/9/07</i>	<i>4/9/07</i>	<i>4.4.07</i>
<i>3/22/07</i>	<i>3.21.07</i>			<i>4/6/07</i>					

**12. Commission Action:**

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN: *RK*  
 4-6-07  
 2:30 PM  
 COUNTY ADMIN FORWARDED TO: *PR*  
 4-9-07  
*4/9/07*

Rec. by CoAtty  
 Date: *4/5/07*  
 Time: *1:30 PM*  
 Forwarded To: *4/6/07*  
*10:30 AM*

**MEMORANDUM  
FROM  
THE DIVISION OF PURCHASING**

**DATE: March 21, 2007**

**TO: MARILYN RAWLINGS  
FLEET MANAGER**

**FROM: JANET SHEEHAN, CPPB  
PURCHASING DIRECTOR**

**RE: BLUE SHEET # 20070419**

**PROJECT: Three Versalift Bucket Trucks**

**TYPE: Use of GSA Contract**

**Awarded to: Time Manufacturing Co.**

**Attn. Ms. Rawlings- When you have finished your review of this package, please forward it to Scott Gilbertson, DOT.**

**Attn. Mr. Gilbertson- When you have finished your review of this package, please forward it to Jed Schneck in the County Attorney's Office.**


If there are any questions or concerns with this package, please contact Chris Jeffcoat at 344-5458.

**RECEIVED  
MAR 22 2007  
LCDOF**

# ATTACHMENT



## DIVISION OF FLEET MANAGEMENT

**To:** Janet Sheehan, Purchasing Director  
**From:** Marilyn L. Rawlings, Fleet Manager   
**Cc:** Chris Jeffcoat, Brad Wright  
**Date:** March 13, 2007  
**Re:** Versalift Bucket Truck Model VST-5000I

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Please prepare a Blue Sheet for the purchase of three Versalift Bucket Trucks Model VST-5000I, for the Department of Transportation, Traffic Division.

**ACTION REQUESTED:**

Approve the GSA (contract #GS-30F-1024H) purchase of three (3) Versalift Bucket Trucks Model VST-5000I for the Department of Transportation, Traffic Signals Division from Time Manufacturing Co., in the amount of \$132,042 each for a total of \$396,126.

**WHY ACTION IS NECESSARY:**

Board approval is required, as this expenditure will exceed \$100,000.

**WHAT ACTION ACCOMPLISHES:**

This purchase will provide the Department of Transportation, Traffic Signals Division with three new reliable bucket trucks to be used for traffic signal maintenance.

**MANAGEMENT RECOMMENDATIONS:**

Approve this request to give the department three new Versalift Bucket Trucks

Funds for this purchase are available from account string #: PD5410417500.506430

**BACKGROUND:**

Lee County Fleet Management received a request from DOT/Traffic to purchase three new Versalift Bucket Trucks for new positions in their Traffic Signals Division. Lee County currently has 8 bucket trucks including one that was purchased from this same contract in 2004. Fleet has investigated purchasing options for this piece of equipment (i.e. Florida State Contract, Florida Sheriff's Bid, GSA etc.) and have concluded this is in the best interest of Lee County as the vendor has held the same price since July 18, 2002. This price includes a quantity price break of \$1,992 for 2 – 4 units. This Contract expires July 18, 2007.



**REQUESTED OPTIONS:**

FULL HYDRAULIC JIB AND WINCH	\$4,620.00
3000W INVERTER	\$3,907.00
PAINT BOOMS OMAHA ORANGE	\$635.00
REAR THROTTLE CONTROL INSTALLED AT TAILSHELF	\$350.00
FOUR (4) ROLLOUT SHELVES INSTALLED ON STREETSIDE FRONT VERTICAL COMPARTMENT	\$600.00
FOUR (4) NEW OUTRIGGER PADS	\$520.00
SHOVAL BOX IN REAR	\$850.00
2008 INTERNATIONAL 4300 4X2 CAB AND CHASSIS WITH 2007 EMISSION COMPLIANCE, 84" CAB TO AXLE, 33,000 GVWR, MAXXFORCE DT 200HP DIESEL ENGINE, ALLISON 3000 AUTOMATIC TRANSMISSION IN LIEU OF THE ABOVE GSA CONTRACTED CHASSIS	\$8,536.00

*\$20,018.00*

**STANDARD GSA OPTIONS:** Option prices per GSA contract GS-30F-1024H in addition to above price. Any options not listed are special options, consult factory for pricing and delivery schedule.

EMERGENCY POWER	\$406.00
STROBES (4)	\$836.00
BACK UP ALARM	\$197.00
OUTRIGGER BOOM INTERLOCK, MAIN & AUX.	\$1,365.00
HYD. TOOL POWER AT REAR	\$317.00
BUMPER w/PINTLE & PLUG	\$730.00
BED ACCESS STEP AND GRAB HANDLE	\$335.00
CENTRAL LOCKING	\$270.00
CHOCK BLOCK HOLDERS	\$154.00

*\$4610.00*

**COMPLETE TOTAL PRICE F.O.B. LEE COUNTY, FLORIDA:** **\$132,706.00** ✓

QUANTITY PRICE BREAK FOR 2 – 4 UNITS EACH: \$ -664.00

**COMPLETE TOTAL PRICE EACH FOR 2 – 4 UNITS:** **\$132,042.00** ✓

**TERMS:** Net 30 days.

**SHIPMENT:** Approximately 180 days after date of order or 60 days after receipt of chassis, whichever is later.

Please let us know if you have any questions.

**Best Regards,**

**Stan Tomchesson, Sales Coordinator**  
Phone: (254) 399-2167, E-mail: [stant@timemfg.com](mailto:stant@timemfg.com)

*\$132,042.00*  
*x 3*  
*\$396,126.00* ✓

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   1
2. AMENDMENT/MODIFICATION NO. Modification 1	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY General Services Administration Federal Supply Service - FFAH Heavy Vehicles Division Arlington, VA 22202	CODE	7. ADMINISTERED BY (If other than item 4)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State and ZIP Code)  Time Manufacturing Company 7601 Imperial Drive Waco, TX 76702	(J)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. GS-30F-1024H
		10B. DATED (SEE ITEM 13) 09/08/98
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(J)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 43.103 Option To Extend the Contract Clause 164-A

E. IMPORTANT: Contractor  is not,  is required to sign this document and return TWO copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The above numbered contract for FSC Group 23, Part V, Vehicular Multiple Award Schedule for Standard Aerial Devices and Digger/Derricks Immediately Available(SADI) is hereby modified as follows:

In accordance with contract Clause I-FSS-164-A Option to Extend the Term of the Contract, the above contract is hereby extended for five years with one five year option period. The new contract period will be August 1, 2002 through July 31, 2007.

All other terms and conditions of the contract remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item 6A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>STAN TOMCHESSON</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Walter Eckbreth, Jr.
15B. CONTRACTOR/OFFEROR <i>Stan Tomchesson</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Walter Eckbreth, Jr.</i> (Signature of Contracting Officer)
15C. DATE SIGNED 7/9/02	16C. DATE SIGNED 7/10/02

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE 30-105 RECEIVED STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

\*\* TOTAL PAGE. 02 \*\*





**TIME**  
MANUFACTURING COMPANY

**GSA Catalog & Price List**  
**Distributor Guide**  
**GSA Contract: GS-30F-1024H**





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TEL-29-EIH .....	page 19
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VANTEL-29-IH .....	page 23
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## Important GSA Contract Information

FSC GROUP: 23 Part V

CLASS(ES): 3825, 3950

CONTRACT NUMBER: GS-30F-1024H

CONTRACT PERIOD: 10/1/1997 through 7/31/2007

CONTRACTOR: TIME Manufacturing Co.  
P.O. Box 20368  
Waco, Texas 76702-0368  
Phone: 254-399-2100  
[www.timemfg.com](http://www.timemfg.com)

CONTACTS:

Brett Clendening  
Vice President of Sales  
Phone: 254-399-2125  
Fax: 254-399-2651  
Cell: 254-722-4320  
Email: [brettc@timemfg.com](mailto:brettc@timemfg.com)

Stan Tomchesson  
GSA Contract Coordinator  
Phone: 254-399-2167  
Fax: 254-399-2651  
E-mail: [stant@timemfg.com](mailto:stant@timemfg.com)

Renee Sanders  
Marketing Services Manager/Webmaster  
Phone: 254-399-2605  
Fax: 254-399-2605  
Cell: 254-715-8736  
Email: [renees@timemfg.com](mailto:renees@timemfg.com)

BUSINESS SIZE: Small

SPECIAL ITEM NUMBERS: ..... 232-1, Vehicle Mounted Personnel Lifts

LOWEST PRICED MODEL: ..... 232-1, Vantel-29-N, \$42,910

MAXIMUM ORDER: ..... 25 Units

MINIMUM ORDER: ..... \$100.00

GEOGRAPHIC COVERAGE: ..... The 50 Contiguous States and the District of Columbia.

POINT(S) OF PRODUCTION: ..... Waco, Texas; McLennan County and:  
See List of Distributors on pages 8-11

DISCOUNT: ..... Prices shown are NET

QUANTITY DISCOUNT: .....  
2 - 4                    .5%  
5 - 10                  1%  
11 - 20                1.5%  
21+                     2.0%

PROMPT PAYMENT TERMS: ..... 1% Ten (10) Days, Net 30 Days

GOVERNMENT PURCHASE CARD: ..... Accepted below and above the micro-purchase threshold

FOREIGN ITEMS: ..... None

TIME OF DELIVERY: ..... 150 - 180 Days, ARO

EXPEDITED DELIVERY: ..... Contact Contractor

OVERNIGHT AND TWO-DAY DELIVERY: ..... Not Available

URGENT REQUIREMENTS: ..... Contact Contractor

FOB POINT: ..... Destination

ORDERING ADDRESS:..... TIME Manufacturing Co.  
P.O. Box 20368  
Waco, Texas 76702-0368

ORDERING PROCESS: ..... For Supplies and Services, the ordering  
procedures, information on Blanket  
Purchase Agreements (BPAs) and a sample  
BPA can be found at the GSA/FSS  
Schedule Homepage on the internet at  
([fss.gsa.gov/schedules](http://fss.gsa.gov/schedules)).

PAYMENT ADDRESS: ..... TIME Manufacturing Company  
P.O. Box 20368  
Waco, Texas 76702-0368

BY WIRE TRANSFER:..... Texas First Bank  
P.O. Box 2524  
Waco, Texas 76706-2524  
Routing No: 111908949  
Account No: 21002894

WARRANTY: ..... One Year Parts and Labor

SERVICE AND DISTRIBUTION POINTS: ..... See Pages 8 - 11

PREVENTATIVE MAINTENANCE: ..... See Manual

DUNS NUMBER: ..... 00-750-3469



## **TIME Manufacturing - Versalift Distributors**

### **EASTERN DIVISION (Continued)**

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**Dejana Truck & Utility Equipment**  
490 Pulaski Road  
Kingspark, New York 11754

Phone: 631-544-9000  
Web: [www.dejana.com](http://www.dejana.com)  
County: Suffolk

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**MAP Enterprises**  
P.O. Box 3097  
Burlington, North Carolina 27216-3097

Phone: 336-228-1722  
Web: [www.mapenterprises.com](http://www.mapenterprises.com)  
County: Alamance

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**North American Equipment Upfitters**  
6 Sutton Circle  
Hooksett, New Hampshire 03106

Phone: 603-624-6288  
Web: [www.naeuinc.com](http://www.naeuinc.com)  
County: Merrimack

6708 Townline Road  
Syracuse, New York 13221

Phone: 315-455-5438  
County: Onondaga

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**O.G. Hughes & Sons**  
4816 Rutledge Pike  
Knoxville, Tennessee 37914

Phone: 865-524-7525  
Web: [www.oghughes.com](http://www.oghughes.com)  
County: Knox

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**Stamm Manufacturing**  
4850 Orange Avenue  
Fort Pierce, Florida 34947

Phone: 772-461-6056  
Web: [www.stamm-mfg.com](http://www.stamm-mfg.com)  
County: St. Lucie

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**Truck Equipment Sales, Inc.**  
4700 Rangeline Road  
Mobile, Alabama 36619

Phone: 251-666-8606  
County: Mobile

2625 Highway 29 South  
Cantonment, Florida 32533

Phone: 850-438-7596  
County: Escambia

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**Utility One Source**  
2706 Brodhead Street  
Bethlehem, Pennsylvania 18017

Phone: 610-866-1400  
Web: [www.utilityonesource.com](http://www.utilityonesource.com)  
County: Northampton

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## How To Use This Catalog

The GSA (General Services Administration) is a federal agency that handles more than one fourth of the U.S. government's total procurements. TIME Manufacturing Company's GSA contract means that we are an approved vendor and that we agree to supply certain specified products at predetermined prices. The contract is designed to benefit GSA buyers by allowing them to buy what they want, instead of being locked into buying low price as the result of a competitive bid process.

As a distributor, you can benefit from this contract in several ways. The most obvious being that you can sell to federal agencies without going through a competitive bid process. Perhaps more importantly, it also means that many other institutions, other than actual federal agencies, can also purchase through GSA, simply because they receive some sort of federal funding. Examples are prisons, airports, colleges, universities, and even cities. Finally, you can benefit from this contract because it gives you the option of doing profitable mounting at your location, or you can opt to have us do the mounting and simply collect an attractive fee for handling the order.

This contract makes it really easy to sell, and the single most important thing you need to remember is simply to ask prospective customers "Can you buy through GSA?" If they can, use the included "Product Description and Price List" to help your customer identify the basic type of equipment they need. Having gotten that far, you will probably need to supply more detailed descriptions of either the lift, chassis, or body, and your customer may want something different from the standard package offered in the contract. In addition to the options offered as a part of our contract, you will also find that your GSA customers can get very "creative" on their own by issuing additional purchase orders to "add to" and "build" the unit they want.

In addition to these GSA catalogs, designed primarily as a sales tool, each distributor is supplied with a confidential Distributor Guide. This Guide supplies more details on a.) exactly how these units are equipped, b.) how we developed the pricing, and c.) how the distributor gets paid depending on whether or not they do the installation. Remember that GSA purchase orders are issued to TIME Manufacturing Company and not the distributor, so you do need to be aware of how the contract works. Should you need additional information, please contact Stan Tomchesson at 254-399-2167 or via email at [stant@timemfg.com](mailto:stant@timemfg.com)

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## BASE MODEL PRICES

## SIN 232-1

TEL-29-N	\$46,833.00	page 13
TEL-29-NE	\$45,182.00	page 15
TEL-29-IH	\$51,761.00	page 17
TEL-29-EIH	\$51,761.00	page 19
VANTEL-29-N	\$42,910.00	page 21
VANTEL-29-IH	\$48,418.00	page 23
ET-32-NF	\$48,808.00	page 25
T-3100-N	\$57,973.00	page 27
T-3100-I	\$60,199.00	page 29
LT-56-NE	\$84,750.00	page 31
LT-62-NE	\$97,350.00	page 33
SST-37-ENH	\$57,943.00	page 35
SST-37-EIH	\$60,423.00	page 37
SST-40-EIH	\$61,207.00	page 39
VST-236-N	\$77,839.00	page 41
VST-236-I	\$82,023.00	page 43
VST-240-N	\$78,628.00	page 45
VST-240-I	\$82,903.00	page 47
VST-5000-I	\$108,078.00	page 49
VST-5500-I	\$115,864.00	page 51
VST-6000-I	\$119,578.00	page 53
VN-55-I	\$101,649.00	page 55
VO-36-I	\$72,160.00	page 57
VO-40-MHI	\$71,491.00	page 59
VO-43-I	\$79,720.00	page 61
VO-255-I	\$103,889.00	page 63
VO-255-I (Chipper/Forestry)	\$105,197.00	page 65
VO-260-I (Chipper/Forestry)	\$106,045.00	page 67
VO-350-MHI	\$125,944.00	page 69
VO-355-MHI	\$126,912.00	page 71
CTA-104-I	\$346,142.00	page 73

# VST-5000-I/N



## Telescopic/Articulated Aerials

GENERAL SPECIFICATIONS	VST-5000-I	VST-5000-N
<i>(Based on 36 in. (0.91 m) Frame Height)</i>		
Horizontal Reach	36 ft. (11 m)	36 ft. (11 m)
Standard Platform Capacity	600 lbs. (272 kg)	600 lbs. (272 kg)
Maximum Platform Capacity	600 lbs. (272 kg)	600 lbs. (272 kg)
Lower Boom Lift Eye Capacity	1000 lbs. (455 kg)	1000 lbs. (455 kg)

STANDARD PEDESTAL	VST-5000-I	VST-5000-N
Height to Bottom of Platform	49 ft. (14.9 m)	49 ft. (14.9 m)
Working Height	54 ft. (16.5 m)	54 ft. (16.5 m)
Stowed Travel Height	11 ft. 2 in. (3.4 m)	11 ft. 2 in. (3.4 m)
Weight of Lift with Outriggers	6750 lbs. (3061 kg)	6750 lbs. (3061 kg)

HYDRAULIC SYSTEM	VST-5000-I	VST-5000-N
Operating Pressure	2250 psi (160kg/cm <sup>2</sup> )	2250 psi (160kg/cm <sup>2</sup> )
Flow Rate	6 gpm (22.7 lpm)	6 gpm (22.7 lpm)
Filtration	10 Micron Return	10 Micron Return
System Type	Open Center	Open Center
Power Source	PTO Pump	PTO Pump

BOOM ACTION	VST-5000-I	VST-5000-N
Outer/Inner Boom Travel	-25° to +85°	-25° to +85°
Lower Boom	0° to +90°	0° to +90°
Inner Boom Extension	141 in. (3.58 m)	141 in. (3.58 m)
Rotation	360° Continuous	360° Continuous

INSULATION GAPS	VST-5000-I	VST-5000-N
Upper Boom Fully Retracted	38 in. (0.97 m)	NA
Upper Boom Fully Extended	172 in. (4.37 m)	NA
Lower Boom	24 in. (0.61 m)	NA

## FEATURES

**CONTROLS:** Full pressure hydraulic controls at platform and turret, with "Unitrol" single-lever at the platform. Positive override at lower station. Control for 180° hydraulic platform rotator at upper station.

**JIB AND WINCH OPTION:** Automatically leveled with the platform, the jib provides up to 1,000 pounds capacity at elevated positions. The angle of the jib pole can be manually adjusted from horizontal to 50° in 10° increments.

**ELECTRICAL INSULATION:** The outer-inner boom is tested and certified as Category C, 46 KV and under, in accordance with ANSI A92.2-1990 requirements, and is fully insulated in a retracted position. The chassis insulation system (lower boom insert) provides a 24" (610 mm) insulation gap.

**HYDRAULIC SYSTEM:** Open center, operating at 2250 PSI (160 kg/cm<sup>2</sup>) at 6 GPM (22.7 LPM). The open center hydraulic tool outlets at the platform operate at the same pressure.

**MECHANICAL SYSTEM:** Rotation is continuous, activated by hydraulically driven worm and spur gears with shear-ball rotation bearing. Turret top plate and mast plate are machined to provide a flat surface to support the rotation bearing. Non-lube bearings are used at all points of movement.

**BOOM ACTION:** Outer-boom articulation is from 25° below horizontal to 85° above horizontal. Lower boom articulation is from horizontal to 90°. Rotation is 360° continuous.

**OPTIONS:** Following are some of the options available: material handling; 6", 12", or 18" taller pedestal; auxiliary H-frame outriggers; a second set of hydraulic ports at the platform; platform leveling at lower controls; emergency power system; and outrigger boom interlock system. A non-insulated VST-5000-N is also available.

**Notes:** 1. Figures are based on a 36 in. (0.91 m) frame height. 2. Travel height may vary with chassis, pedestal, and mounting location or configuration. 3. The total load in the platform(s) including operator, liner, tools, etc., must not exceed the maximum platform capacity.

### W/ MATERIAL HANDLING OPTION

Winch Capacity	up to 1000 lbs. (455 kg)
Jib Articulation	0° to 50°

### WITH JIB/WINCH ATTACHED — NO JIB LOAD

Horizontal Reach	36 ft. (11.0 m)
Maximum Platform Capacity	450 lbs. (205 kg)
Platform Size	24 in. x 30 in. x 42 in. (0.61m x 0.76m x 1.07m)

### WITH JIB AND WINCH ATTACHED 500 LB. (227 KG) JIB LOAD

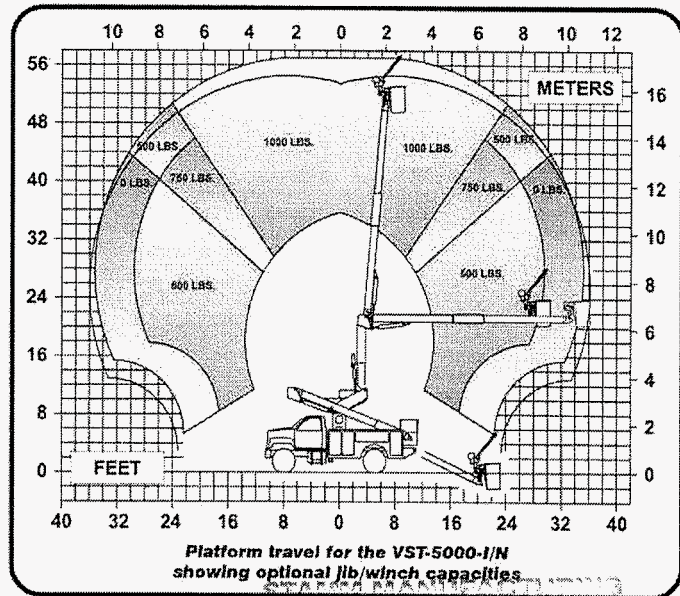
Horizontal Reach	29 ft. 5 in. (8.97 m)
Upper Boom Angle Allowing Full Extension	40°
Height to Bottom of Platform	49 ft. (14.9 m)
Working Height	54 ft. (16.5 m)

### WITH SPACER IN THE EXTENSION CYLINDER

Horizontal Reach	29 ft. 5 in. (8.97 m)
Upper Boom Angle Allowing Full Extension	NO LIMIT
Height to Bottom of Platform	42 ft. 5 in. (12.9 m)
Working Height	47 ft. 5 in. (14.5 m)

### PLATFORM CAPACITIES

24x24x42 or 24x30x42 platform:	24x42x42 or 24x48x42 platform:
350 lbs. with a load on the winch	300 lbs. with a load on the winch
450 lbs. with no load on the winch	450 lbs. with no load on the winch
600 lbs. without the jib and winch	600 lbs. without the jib and winch



4850 Orange Avenue  
 FT. PIERCE, FL 34947  
 (561) 461-6056 Fax: 464-2718  
 1-800-226-5056



TIME Manufacturing Co.  
 P. O. Box 20368  
 Waco, TX 76702-0368  
 Tel.: 254-399-2100  
 Fax: 254-399-2651  
 www.versalift.com  
 06/01/6006



# SPECIFICATIONS

SPECIFICATIONS

## VST-5000/5500/6000-I GENERAL SPECIFICATIONS

This section includes a brief description of each of the VST-I major (standard) components.

**PLATFORM** - The fiberglass platform is 24 in. x 48 in. x 42 in. (0.61 m x 1.22 m x 1.07 m) deep with an inside and outside step for easy access. The standard platform capacity is 600 lbs. (272 kg). A cushioned platform support is provided.

**PERSONNEL RESTRAINT SYSTEM** - A safety belt or harness and a lanyard are required and can be supplied by Time Manufacturing Company at an additional cost. Consult applicable work practices and regulations to choose between a safety belt and a harness. The anchor for the lanyard is attached to the platform.

**INDIVIDUAL LOWER CONTROLS** - Individual full-pressure controls at the turret actuate all boom functions. The lower control station is equipped with a selector valve to override the upper controls and serve as the emergency stop from lower controls.

**SINGLE STICK UPPER CONTROL** - The full-pressure single stick upper control includes a safety trigger to prevent inadvertent operation. The lift movements correspond with control handle movements. An emergency stop and a tool selector control are located at the upper controls.

**HYDRAULIC PLATFORM ROTATOR** - A hydraulic platform rotator, operated by a control lever, rotates the platform 180° from one side of the outer/inner boom assembly, across the end-hung position, to the other side of the outer/inner boom assembly.

**HYDRAULIC PLATFORM LEVELING** - A master and slave cylinder arrangement automatically levels the platform in all boom positions. This system also provides hydraulic platform tilt to adjust platform level, tilt the platform for clean out, or to ease the removal of an injured operator. The platform tilt can be activated from the upper and lower controls.

**OUTER/INNER BOOM ASSEMBLY** - The outer/inner boom assembly includes an outer boom, telescopic inner boom, extension system, and hose assemblies. The outer boom consists of a 10 in. x 12 in. (254 mm x 305 mm) steel section. The VST-5000 and VST-5500 outer booms also include a 12 in. x 14 in. (305 mm x 356 mm) fiberglass tip (Electrogard). All three models provide at least a 38 in. (0.97 m) insulation gap with the inner boom

fully retracted. The 8-5/8 in. x 10-5/8 in. (219 mm x 270 mm) rectangular fiberglass inner boom is housed within the outer boom. The inner boom can be easily removed and disassembled for service and inspection. The extension system consists of a hydraulic cylinder, two integral holding valves, and dual #60 roller chains housed entirely within the boom assembly. The hoses routed through the outer/inner boom assembly are non-conductive and fully contained within the boom assembly. The outer/inner boom assembly articulates from 25° below horizontal to 85° above horizontal. Actuated by a double acting cylinder, equipped with two integral holding valves; the outer/inner boom assembly is offset to one side to provide easy access to the platform. A boom support cradle and a boom tie down strap are included.

**LOWER BOOM WITH CHASSIS INSULATING SYSTEM** - Each end of a high strength fiberglass insert (chassis insulating system) is installed in a rectangular 10 in. x 12-in. (254mm x 305 mm) high strength steel section. The steel and fiberglass sections are bonded with pressure injected adhesive to fill any voids. After the adhesive cures, 32 bolts are installed to assure maximum strength. A compensation link with a fiberglass section maintains the 24-in. (0.61 m) insulation gap in all the boom positions. The double acting cylinder, with an integral holding valve, allows the lower boom to articulate from horizontal to 92° above horizontal (88° for the VST-6000).

**CYLINDERS** - Both the upper and lower cylinders are a threaded head-cap design. Both cylinders are equipped with two integral holding valves to prevent creep down and to lock the booms in position in case of hose failure.

**TURRET** - The 5/8 in (16 mm) thick turret wings are designed for strength and rigidity. The bearing cover is continuously welded to seal out moisture and prevent foreign materials from obstructing the turret rotation. The 1-1/4 in (32 mm) thick turret plate is machined to provide a flat surface to support the rotation bearing.

**CONTINUOUS ROTATION** - Unrestricted rotation is accomplished by a hydraulically driven worm and spur gear with a shear-ball rotation bearing. The critical bolts holding the lift to the rotation bearing and the rotation bearing to the pedestal are grade 8 hex head capscrews. These critical bolts are torque seal marked to provide a quick means of detecting any turning of the bolt upon inspection. An eccentric ring is provided to adjust the gearbox pinion backlash.





outrigger retraction before the aerial lift is properly stored.

**EMERGENCY POWER** - The emergency hydraulic pump is driven by a DC motor, which is powered by the truck-engine battery. The system is connected in parallel with the main pump and is designed for non-continuous operation. An air cylinder at the upper controls and a toggle switch at the turret are used to energize the system.

**SECOND SET OF TOOL POWER PORTS** - A second set of tool power ports are installed at the platform to accommodate a second open center tool.

**TOOL POWER AT THE GROUND CONTROLS** - The hydraulic tools must be open-center. The tool circuit provides 7.5 gpm (28 lpm) at 2250 psi (158 kg/cm<sup>2</sup>)

**EXTRA CONTROL CIRCUIT** - Consists of an additional air cylinder at the platform, toggle switch at the pedestal, pressure switch in the turret and airline to the platform. An additional pass in the collector ring is required for each control circuit.

**TWO-SPEED MANUAL THROTTLE CONTROL** - Changes the engine/pump speed to give the operator a choice between slow and normal boom speeds. The manual throttle control is designed to operate only when the truck engine is running and the master control is activated. An air cylinder at the platform or a toggle switch at the turret can be used to energize the manual throttle control.

**PLATFORM VARIATIONS:**

24 in. x 24 in. (0.61 m x 0.61 m) Duck-Under Fiberglass Platform

24 in. x 30 in. (0.61 m x 0.76 m) Duck-under Fiberglass Platform

24 in. x 42 in. (0.61 m x 1.07 m) Duck-under Fiberglass Platform

24 in. x 24 in. (0.61 m x 0.61 m) Closed Fiberglass Platform

24 in. x 30 in. (0.61 m x 0.76 m) Closed Fiberglass Platform

24 in. x 42 in. (0.61 m x 1.07 m) Closed Fiberglass Platform

**PLATFORM COVER** - Vinyl covers are available for the platforms.

**PLATFORM LINER** - Platform liners are available for each of the closed platforms.

**LIFTING EYE** - A lifting eye attachment near the end of the outer boom has a 1000 lbs. (455 kg) maximum capacity.

**6 IN. TALLER PEDESTAL** - The taller pedestal provides 6 in. (152 mm) additional clearance for cabs and cab guards.

**MANUAL JIB AND WINCH** - The material handling jib and winch consists of a winch and a jib pole that are automatically leveled with the platform. Up to 1,000 lbs. (454 kg) material-handling capacity can be provided at elevated boom angles. Consult factory for details on specific options.

The winch is hydraulically powered through a self-locking worm gear drive, so a load-holding brake is not required. The winch provides line speeds of 15 to 30 ft. per minute (5 to 9 m per min.). Eighty feet (24 m) of 1/2-in. (13 mm) diameter polyester rope with a clevis hook is provided.

The angle of the 3 in (75 mm) diameter jib pole is manually adjusted; the jib-pole assembly tilts in 10° increments from horizontal to a maximum of 50° above horizontal. Since the pole is automatically leveled with the platform, there is a total of 160° of jib pole articulation relative to the upper boom. The jib-pole assembly also can be rotated to any of the seven convenient load-lifting positions to accommodate a load. The jib pole and winch assemblies can be easily removed when not needed.

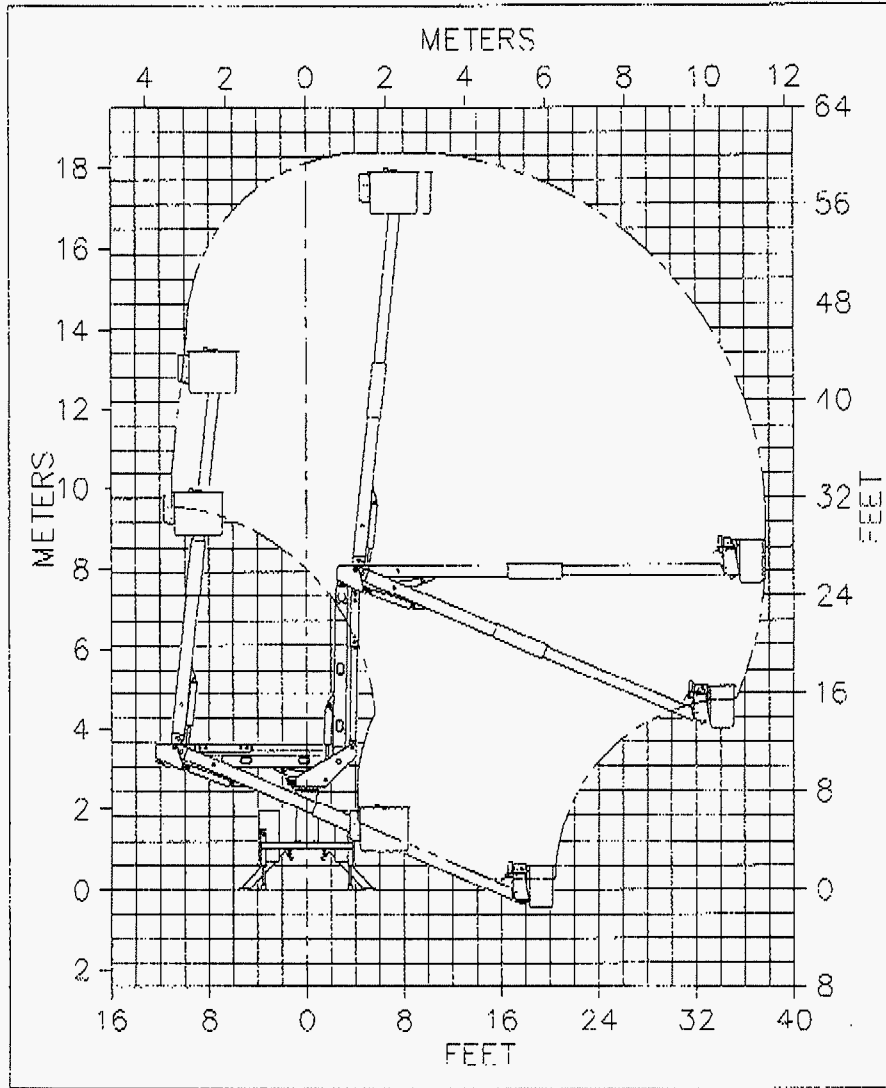
For the VST-6000, the platform capacity is 450 lbs. (205 kg) with the jib and winch installed. For the VST-5000/5500, the platform capacity is 500 lbs. (227 kg) with the jib and winch installed. Platform capacity is 600 lbs. with the jib and winch removed.

**HYDRAULIC JIB AND WINCH** - The material handling jib and winch consists of a winch and a jib pole that are automatically leveled with the platform. Up to 1,000 lbs. (454 kg) material-handling capacity can be provided at elevated boom angles. Consult factory for details on specific options.


The winch is hydraulically powered through a self-locking worm gear drive, so a load-holding brake is not required. The winch provides line speeds of 15 to 30 ft. per minute (5 to 9 m per min.). Eighty feet (24 m) of 1/2-in. (13 mm) diameter polyester rope with a clevis hook is provided.



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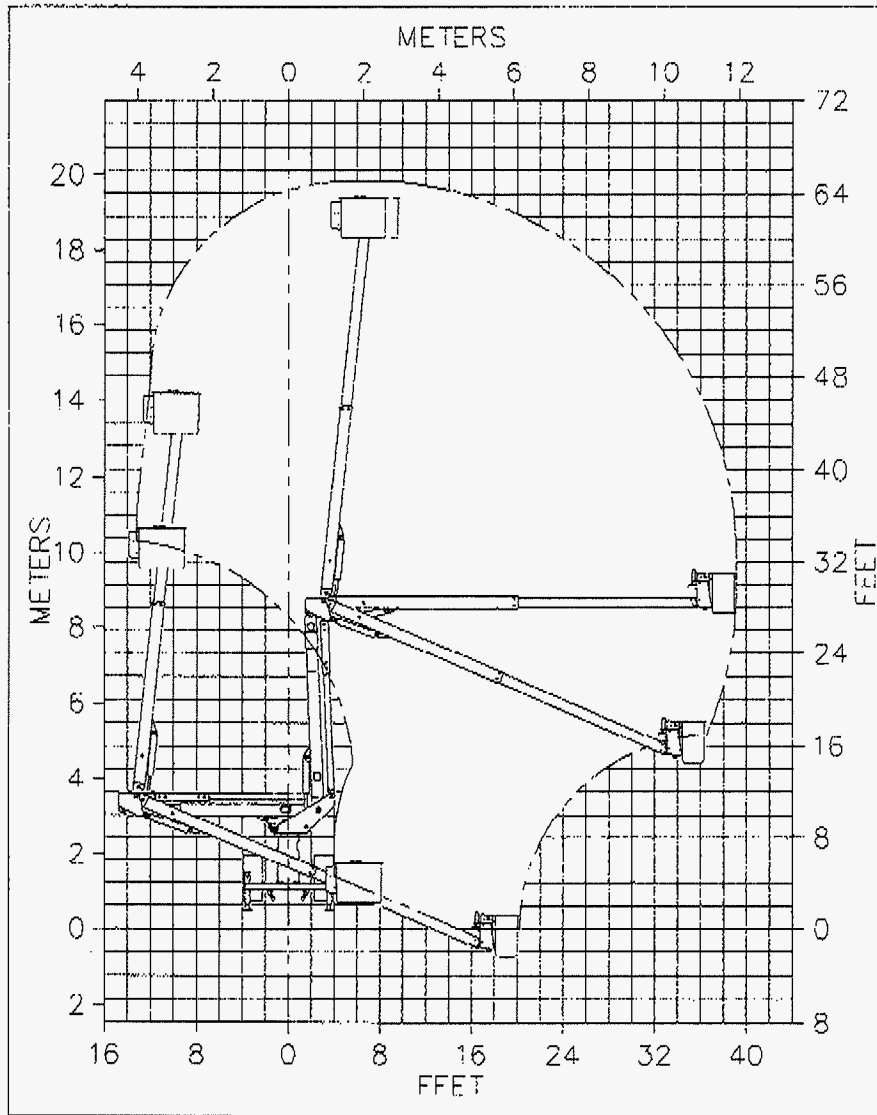


SPECIFICATIONS


UNLESS OTHERWISE NOTED: TOLERANCES:      DECIMALS FRACTIONS ± 1/16    .X ± .1 ANGLES ± 1'        .XX ± .03 .XXX ± .005  MACHINED SURFACE FINISHES = 125 PROJECTION OF VIEWS    Ⓞ    □ ALL DIMENSIONS ARE IN INCHES	 MANUFACTURING COMPANY WACO TEXAS	DWN. BY	DATE	TITLE REACH DIAGRAM VST-5500-1
		LBR	11 21 03	
MATERIAL	FINISH	SIZE	SCALE	DWG. NO. 29852-DWG
		A	1=150	
		LOCATION	MANUAL	
		V	-	
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		1 OF 1		



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53971		FIRST RELEASE	LBR	SRS	SRS	12-10-03



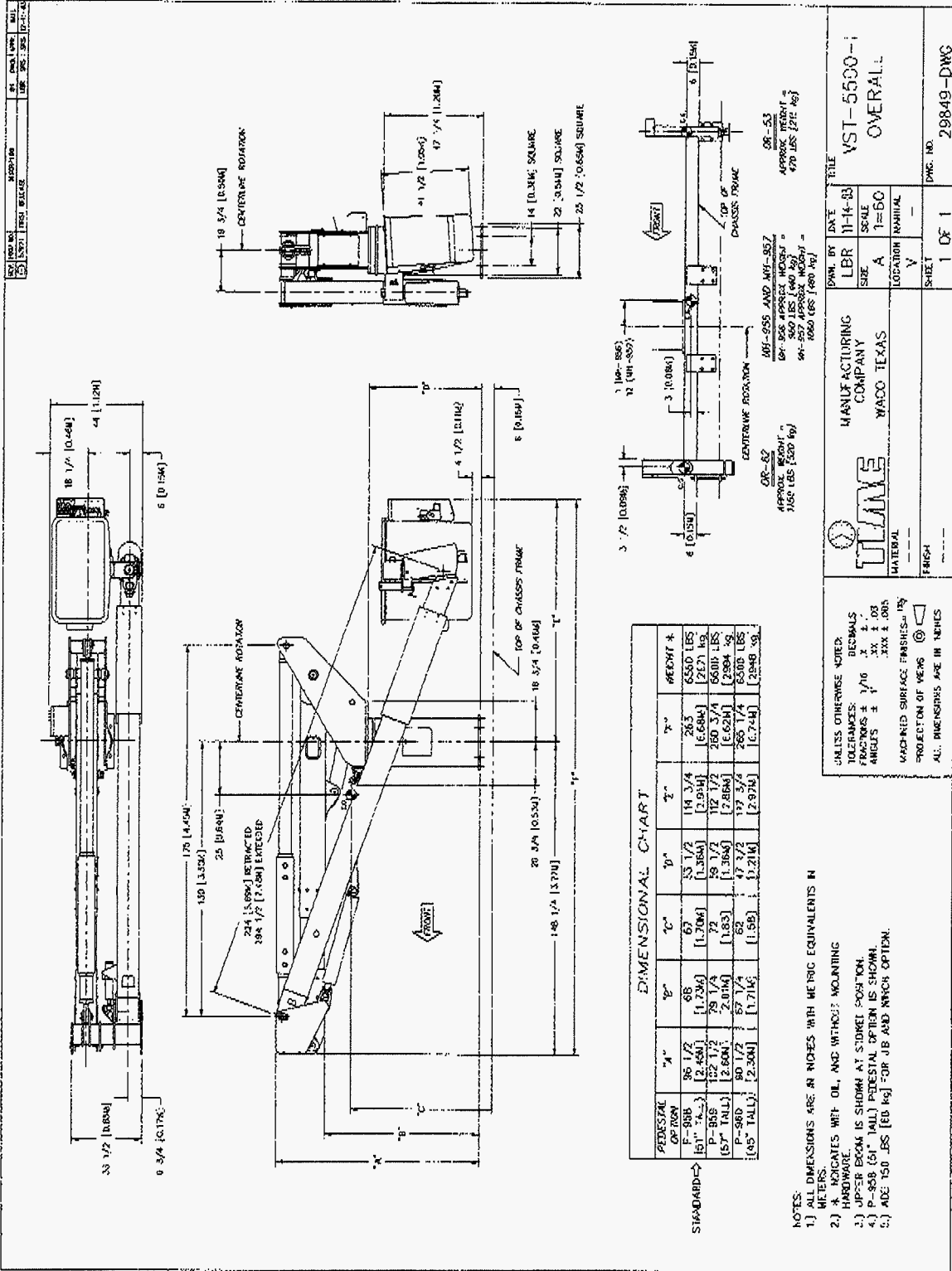
SPECIFICATIONS

UNLESS OTHERWISE NOTED: TOLERANCES:      DECIMALS FRACTIONS ± 1/16    X    ± .1 ANGLES ± 1'        .XX ± .03 .XXX ± .005  MACHINED SURFACE FINISHES = 125 PROJECTION OF VIEWS    ☉    □ ALL DIMENSIONS ARE IN INCHES	 MANUFACTURING COMPANY WACO TEXAS	DWN. BY LBR	DATE 11-21-03	REACH DIAGRAM VST-6000-1
		SIZE A	SCALE 1=160	
MATERIAL	FINISH	LOCATION V	MANUAL -	DWG. NO. 29851-DWG
		SHEET 1 OF 1		





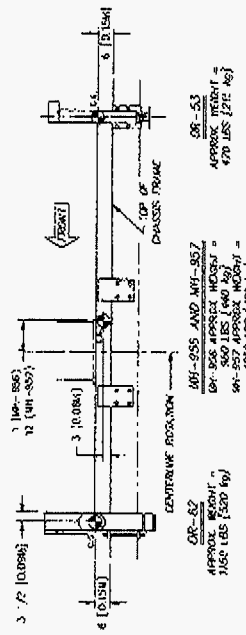
# SPECIFICATIONS



**DIMENSIONAL CHART**

PEDESTAL OR TOWER STANDARD	A"	B"	C"	D"	E"	F"	WEIGHT * (LBS)
P-888 (61" TALL)	86 1/2 [2184]	68 [1728]	67 [1702]	45 1/2 [1154]	14 3/4 [368]	26.5 [668]	6550 [2970]
P-888 (57" TALL)	82 1/2 [2094]	79 1/4 [2006]	72 [1828]	49 1/2 [1256]	17 1/2 [441]	28.0 [711]	5600 [2500]
P-888 (45" TALL)	80 1/2 [2041]	67 1/4 [1711]	62 [1574]	47 3/4 [1211]	17 3/4 [444]	28.5 [714]	5500 [2445]

- NOTES:
- 1) ALL DIMENSIONS ARE IN METERS WITH METRIC EQUIVALENTS IN PARENTHESES.
  - 2) \* INDICATES W/ET. OIL, AND WITHOUT MOUNTING HARDWARE.
  - 3) UPPER BEAM IS SHOWN AT SIDEREEL POSITION.
  - 4) P-888 (51" TALL) PEDESTAL OPTION IS SHOWN.
  - 5) ADD 150 LBS [68 kg] FOR JIB AND MTRON OPTION.



MANUFACTURING COMPANY  
MACO TEXAS

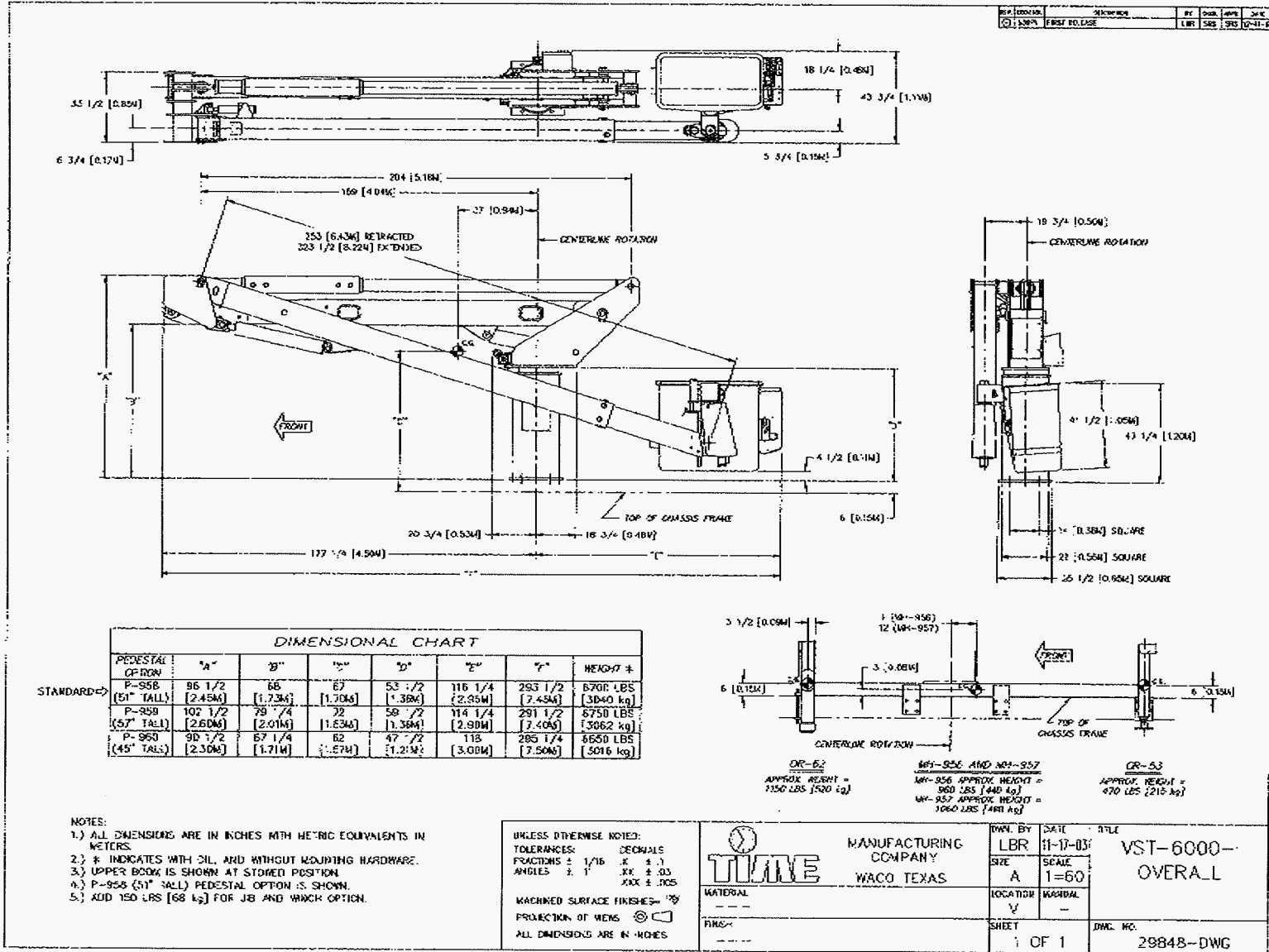
DATE: 11-14-83  
SCALE: 1"=50'  
LOCATION: NATHAN

PROJECT: VST-5500-I OVERALL

SHEET: 1 OF 1  
DWG. NO.: 29849-DWG

UNLESS OTHERWISE NOTED:  
DIMENSIONS: DECIMALS  
TOLERANCES: ± .010  
ANGLES: ± 1°  
MATERIAL: A36  
FINISH: UNLESS OTHERWISE NOTED





**SPECIFICATIONS**

## VST-5000-I MINIMUM VEHICLE SPECIFICATIONS

Cab-to-Rear Axle Dimension .....	84 in (2.1 m)
Frame Section Modulus (Per frame rail) .....	18 in <sup>3</sup> (295 cm <sup>3</sup> )
Frame Resisting Bending Moment (Per frame rail) .....	900,000 in-lbs. (101700 N-m)

### Axle Ratings

GVWR .....	31,000 lbs. (14060 kg)
GAWR (Front) .....	12,000 lbs. (5445 kg)
GAWR (Rear) .....	19,000 lbs. (8620 kg)
Approximate Curb Weight for Stability .....	21,000 lbs. (9525 kg)

## VST-5500-I AND VST-6000-I MINIMUM VEHICLE SPECIFICATIONS

Cab-to-Rear Axle Dimension .....	102 in (2.6 m)
Frame Section Modulus (Per frame rail) .....	15 in <sup>3</sup> (245 cm <sup>3</sup> )
Frame Resisting Bending Moment (Per frame rail) .....	750,000 in-lbs. (84750 N-m)

### Axle Ratings

GVWR .....	31,000 lbs. (14060 kg)
GAWR (Front) .....	12,000 lbs. (5445 kg)
GAWR (Rear) .....	19,000 lbs. (8620 kg)
Approximate Curb Weight for Stability .....	21,000 lbs. (9525 kg)

**NOTES:** Actual GVWR and GAWR's should be based on the weight and location of the chassis, body, lift, ballast (if required), accessories, and the payload.

The curb weight of the unit will vary based on the rated platform capacity, mounting configuration, frame stiffness, and stability test requirements.

SPECIFICATIONS

