Vance Country Ford
Fleet & Government Sales
PO Box 1600 Guthrie, OK 73044
405-282-3800 Fax: 405-260-3010



City of Norman PO Box 370 1301 Davinci Norman, OK 73069 Phone: (405)292-9709 Fax: (405)292-9710

## **Sales Quotation**

Questions? Please call Cameron Colter

Quote Number: 010781 Date 12/2/2013 Quote Expires: 1/1/2014

Qty	Option Code	Description	Price	Extend
1	X1C	2014 FORD F150 EXT CAB 4x2	\$20,297.00	\$20,297.00
1	99MCNG	3.7 LITER V6 ENGINE 302HP w/ CNG	\$10,500.00	\$10,500.00
1	446	6 SPEED AUTO TRANSMISSION	\$0.00	\$0.00
4	85A	POWER EQUIPMENT GROUP	\$0.00	\$0.00
1	XH9	3.55 LIMITED SLIP AXLE	\$299.00	\$299.00
Amen A	DTG	DEEP TINTED GLASS	\$279.00	\$279.00
1	942	DAYTIME RUNNING LIGHTS	\$38.00	\$38.00
1	SBL	SPRAY IN BEDLINER	\$675.00	\$675.00
1	BOX	TOOL BOX	\$450.00	\$450.00
1	LITE	4 CORNER LEDS	\$1,800.00	\$1,800.00
1	86D	CHROME BUMPERS	\$129.00	\$129.00
1	UA	EXT_COLOR: OXFORD WHITE	\$0.00	\$0.00
1	CS	GRAY CLOTH SEATING	\$0.00	\$0.00
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A	actentine	LCI III 3	anu	COHUMONS	vi una	· uuulaliui.

Sub-Total Registration Tax	\$34,467.00
Total	\$34,467.00

Thank you for the opportunity to be of service.

<sup>2)</sup> ALL FLEET REBATES & INCENTIVES INCLUDED IN TOTAL PRICE.

<sup>3)</sup> PURCHASE ORDER REQUIRED TO ORDER VEHICLE

<sup>4)</sup> BALANCE DUE AT TIME OF DELIVERY UNLESS PREVIOUS ARRANGEMENTS ARE MADE.



RUSH TRUCK ( 5200 I-40 WEST	ENTER,OKC 0500	City of Norman			
OKLAHOMA CI Phone: Fax: Email:	FY, Oklahoma United States 73137 (405) 947-2391 (405) 946-5489	Phone: Fax: Contact Email: Prepared for:			
	Vehicle	Summary			
	Unit	Chassis			
Model:	Model 365	Fr Axle Load (lbs):	42000		
Type:	Full Truck	Rr Axle Load (lbs)	12000		
Description:	New Pres122143	G.C.W. (lbs):	21000		
occompacts.	Application		33000		
Intended Serv.:		Road Conditions:			
	City Delivery	Class A (Highway)	95		
Commodity:	Construction Materials	Class B (Hwy/Mtn)	0		
		Class C (Off-Hwy)	5		
Age.	Body	Class D (Off-Road)	0		
Type:	Flatbed	Maximum Grade:	6		
Length (ft):	15	Wheelbase (in):	207		
Height (ft):	13.5	Fr Axle to BOC (in):	68.9		
Max Laden Weigi	ht (lbs): 1000	Cab to Axle (in):	138.1		
		Cab to EOF (in):	198.1		
	Trailer		, w-G-1, 1		
No. of Trailer Axis	es: 0				
Type:	_				
Length (ft):	0	Special Req.			
Height (ft):	0.0	United States Registry			
Kingpin Inset (in):		Office Office Negistry			
Corner Radius (ir					
(n	·/·				
	Restrictions				
Length (ft):	40				
Width (in):	102				
Height (ft):	13.5				
- , ,					
Approved by:		Date:			
	Note: All sales are F.O.B. desig	nated plant of manufacture.			
		or visit our website @ www.paccarfinancial.com	***		
24664R			₩.* 		
FINANCIAL		vative finance, lease and insurance programs ed to meet your needs	nainvertennest		
LINWARNING		ed to meet your needs.	PACADOMINA PACADA		

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Printed: Effective Date: 12/2/2013 12:22:01 PM

Complete

Model Number: Quote/DTPO/CO: Model 365 Q62150551

Prepared by:

Jun 1, 2013 ID: duncanw

Version Number:

27.21

28277-6E75-0010



# RUSH TRUCK CENTER,OKC 0500 5200 I-40 WEST

## City of Norman

OKLAHOMA CITY, Oklahoma United States 73137

Phone: Fax:

(405) 947-2391 (405) 946-5489 Phone: Fax:

Email:

Contact Email: Prepared for:

		Prepared for:		
Data	Code	Description	\$ List	Weight
Base Mode 0003651	0	Model 365	140,206	15,115
0091070	O	Construction Materials	0	.0,0
0093340		City Delivery		
0000040		Truck or tractor which hauls freight, typically operating within a 100-mile radius, on public streets and highways and other paved surfaces. Typically includes package and freight delivery.	Û	U
0095020	0	Flatbed	0	0
0098170	0	United States Registry	0	0
Frame & Ec		nt .		
0514000	0	10-3/4in Steel Rails To 354in 10.75x3.5x.375 Dimension, 2,136,000 RBM	383	293
0644020	0	EOF Square with Steel Xmbr	26	0
0651090	0	Omit Rear Mudflaps and Hangers	-53	-25
Front Axle	& Equip	ment		
1011340		Dana Spicer E1322I 13,200 lb, 3.5in Drop Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	267	45
1111200	0	Taper Leaf Springs, Shocks 13,200 lb	-319	0
1233030	S	Power Steering TRW TAS65 Glidekote splines on steering shaft extend service life of components.	0	0
1250180	S	Power Steering Reservoir Frame Mounted	0	0
1353550	S	PHP10 Aluminum PreSet PLUS Hubs- Air Disc Use with Front Axle	0	0
1380290	S	Air Disc Front Brakes Complies with reduced stopping distance regulations.	0	0
1390020	0	Truckmaster Front Shocks	90	18

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Q62150551 27.21



Data	Code	Description	\$ List	Weigl
Rear Axle		nent		
1513160	0	Dana Spicer S21-170 21,000 lb  Laser factory axle alignment to improve handling & reduce tire wear.  Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-8,097	-1,92
1616300	0	PHP10 Iron PreSet PLUS Hubs	-51	*
1632650	S	Long Stroke Parking Brakes, Drive Axle(s)	0	
1660000	O	Dust Shields For Cam Brakes, Drive Axle(s)	62	
1680450	0	Rear Brake Camshaft Reinforcement	92	
1680490	0	Gusseted Cam Brackets, Drive Axle(s)	60	
1680500	0	SBM Valve Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	121	***************************************
1680950	0	Stability System Not Selected or Not Available	-500	
1682430	0	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	-673	-3
1684200	S	Synthetic Axle Lubricant All Axles The conventional model product line includes Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	
1687010	S	Bendix Air Cam Rear Drum Brakes 16.5x7 Inc automatic slack adjusters & outboard mounted brake drums.	0	(
1705250	0	Ratio 5.25 Rear Axle	0	i
1816040	0	Reyco 102AR 23,000 Lb Tracking Rods, Single Drive 8.25in Low Mount. Includes heavy duty shock absorbers.	-510	-43
ngine & Ec				
2056315	O	ISL-G 320/2200 1000@1300  Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life.  N20300 P029 NoIdle Shutdown Enable N20380 P001 65Max Speed in Top Gear N20400 P059 65Maximum Cruise Speed N20440 P030 5Idle Shutdown Timer	3,338	-1,08

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162150551 27.21



Data	Code	Description	\$ List	Weight
2140220	0	CARB Engine Idling Compliance DECLINED By Dealer/Customer	0	0
2513760	0	PACCAR 130 Amp Alternator, Brushless w/Voltage Regulator. Remote Sense is not available or needed with the PACCAR Alternator. At low engine RPM, the PACCAR Alternator puts out 80 amps verses 60 amps on other alternators. 12 Volt system with circuit protection for reliable easy maintenance & service. Weather pack silicone sealed electrical chassis connectors enhance value, durability, reliability. Wires numbered every 4" or less.	93	-18
2521090	0	Immersion Type Pre-Heater 110-120V Phillips	140	2
2522050	S	PACCAR 12V Starter	0	0
2538040	S	3 PACCAR Premium 12V Dual Purpose Batt 2100 CCA Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0	0
2539090	0	Big Switch Battery Disconnect Mounted on battery box	477	4
2621030	S	On/Off Fan Clutch	0	0
2723210	0	18.7 CFM Air Compressor Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
2925920	0	Spin-On Fuel Filter, Natural Gas Supplied with engine	0	0
3114270	S	High Efficiency Cooling System Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. ClimaTech extended life coolant extends maintenance intervals which reduces maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage.	0	0
3291680	S	(1) Air Cleaner Firewall Mounted  Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	0
3366650	0	Exhaust Single Horizontal, ISL-G or ISX12-G Only	9,437	0
Transmissio	nn & Fa	uinmant		
4052110		Allison 3000 RDS-P Transmission, Gen 5 Rugged Duty Series. Includes Rear Transmission Support, TranSynd Automatic Transmission Fluid, and Water Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. (Suited for vehicles operating on/off highway and/or requiring PTO operation)	9,025	235
4210330	0	1760 HD Driveline, Two Midship Bearings	1,266	140

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Data	Code	Description	\$ List	Weigh
4252150	0	Tower Mounted Lever Shifter	1,228	2
4256630	0	Allison 5-Speed Configuration, Close Ratio Gears Allison 3000 Trans only	0	(
4256940	0	Allison Load Based Shift Schedule (LBSS)	0	C
Air 9 Tualla	27			***************************************
Air & Traile 4510750			_	
4010133		Bendix AD-IS Air Dryer with Heater An integrated system air dryer that incorporates the functions of the air dryer, purge reservoir (which increases the drying capacity), wet air tank, pressure relief valve, single check valves, and pressure protection valve for air susp and other air accessories. Includes easy-to-service spin-on dessicant cartridge.	0	C
4540420	S	Nylon Chassis Hose	0	Q
4543320	S	Steel Painted Air Tanks		O
		All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	V	· ·
4543430	0	Clear Outside Frame of All Air System Components LH BOC	295	0
4543440	0	Clear Outside Frame of All Air System Components RH BOC	295	Ő
4611850	0	Omit Standard Trailer Connection Package (Omits 12ft A&E lines, Hose Tenna, and Hand Valve)	-191	-28
Tires & Whe	els			
5067320	O	FF: BR 16ply 11R22.5 M843	141	34
	0	RR: BR 16PLY 11R22.5 M853	430	92
5190004	0	Code-rear Tire Qty 04	0	0
	0	FF: Accur 50291 Plt 22.5x8.25 Stl Whi Heavy Duty. 8,000 lb load rating per wheel.	135	11
5315090	0	RR: Accur 50291 Pit 22.5x8.25 Sti Whi	270	22
5390004	0	Heavy Duty Code-rear Rim Qty 04	0	0
Fuel Tanks				
	0	No Fuel Tank/Fuel System Provided	-933	-172
5604000	0	Location LH BOC 000 Gal	0	0
Battery Box	& Rum	30r	and the second s	
6010030		Aluminum Battery Box, Non-Slip Step LH Under Cab Includes diamond pattern block shaped cover in traditional/vocational models and a smooth finish tapered cover on aerodynamic models	0	0

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Jun 1, 2013 ID; duncanw

Version Number:

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Data	Code	Description	\$ List	Weight
6040030	0	Aluminum Tool Box, Non-Slip Step RH Under Cab Includes diamond pattern block shaped cover in Traditional/Vocational models and a smooth finish tapered cover on Aerodynamic Models.	795	45
6111110	0	Steel Bumper Swept Back Painted w/o FEPTO Two tow pins and step plates on top of bumper	319	-9
Cab & Equi	ipment			
6515560		Alum Cab 115in BBC Fiberglass Hood SBFA Fenders w/polished crown, spring tilt assist. Proprietary anti-blow-down locking mechanism that keeps hood open during servicing & prevents unintentional closing. Hood latch each side secures hood to cowl. Proprietary all-alum cab is light weight & durable for long service life. One-piece roof reduces potential for leaks. Two-piece windshield for cost effective windshield replacement. Lap seam construction & aircraft fasteners has greater clamp load than rivets. Bulkhead style doors provide virtually water-tight, rattle-free performance. Extruded alum door frames for strength & durability. Full length, heavy-duty piano-type stainless steel door hinges & pins provide durability. View window in RH door for safety. Electric windshield wipers & washers w/intermittent wiper function. Grab handles mtd on cab LH & RH for cab access. Convex mirror over RH door & below each rear view mirror for improved visibility & safety.	0	0
6800360	0	Rubber Fender Lips 2.25 in Wide	28	8
6911700	S	Peterbilt UltraRide Driver Seat	0	0
6921700	S	Peterbilt UltraRide Passenger Seat	0	0
6930500	0	Drivers Armrest - RH Only Required in Model 587 with Evolution LX seats. Optional with Evolution ST Seats.	34	2
6931120	0	Seat Belt Color Orange IPO Standard Black	5	0
6939400	S	Air Ride Driver	0	0
6939420	S	High Back Driver	0	0
6939470	S	Vinyl Driver	0	0
6939510	S	Non-Air Ride Passenger	0	0
6939540	0	Low Back Passenger	-30	-5
6939570	S	Vinyl Passenger	0	0
7000005	S	Fixed Steering Column Required and only aviiable with Stability Control Systems on Models 382 & 348.	0	0
7001620	S	Steering Wheel with Peterbilt Logo Steering Wheel with embossed Peterbilt logo over hom button.	0	0

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Printed:	12/2/2013 12:22:01 PM	Complete	Model Number:	Model 365
Effective Date:	Jun 1, 2013	•	Quote/DTPO/CO:	Q62150551
Prepared by:	ID: duncanw		Version Number:	27.21



Data	Code	Description	\$ List	Weight
7039050	S	ProBilt Interior - Arctic Gray Includes rugged charcoal instrument panels, gray dash with glare- resistant, charcoal soft-touch upper, dark gray hard trim, black bezels on gauges, cigar lighter and ashtray with power port, monochromatic dark gray durable doorpads with map pocket on driver's side, dark gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted domelight, driver and passenger dome/reading lights, footwell lighting, integrated "dead pedal", (5) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, cup holder and map bin in dash.	Ö	0
7210430	O	Extended Rear Window ipo Std Window-Day Cab The extended rear window protrudes two inches more than the standard conventional rear cab window. Take this into consideration when determining your loadspace.	70	0
7210540	S	Day Cab Rear Window	0	0
7230350	0	Two Piece Flat Windshield	0	0
7322010	S	Combo Fresh Air Heater/Air Conditioner With radiator mounted condenser, dedicated side window defrosters, Bi- Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	0
7410040	0	Outside Sunvisor - Stainless Steel	126	4
7511010	0	Stainless Steel Mirrors 7x16 with Heat Element	77	2
7560850	S	(2) Convex 8 Inch SS Mirror Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated.	0	0
7610470	S	(1) Air Horn 24.5in Chrome - Round w/Horn Shield	0	0
7725710	0	Standard Speaker Package For Cab (2) Speakers	57	4
7725715	0	ConcertClass Without CD, Includes BT Phone and Audio, AM/FM, WB, USB and MP3.	378	10
7748140	0	CB Terminals/Wiring Mtd Under Header	30	0
7851480	S	Peterbilt Electric Windshield Wipers with Intermittent Feature	0	0
7851970	0	Unibilt Cab Air Suspension Includes dual air bag suspension, leveling valve, and tracking rod.	493	25
7900090	0	Triangle Reflector Kit Shipped Loose	18	13
7900270	0	5 lb 3A:40bc Fire Extinguisher Cab Mounted	90	8
7901130	0	Backup Alarm (107dB)	98	3
8021050	0	Air Restriction Gauge On Dash	144	0
8021340	0	(1) Air Suspension Load Gauge Plumbed to Firewall	66	0
8021370	0	(2) General Air Pressure Gauges Plumbed To Firewall Bulkhead	217	2

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Printed:	12/2/2013 12:22:01 PM	Complete	Model Number:	Model 365	
Effective Date: Prepared by:	Jun 1, 2013 ID: duncanw	-	Quote/DTPO/CO: Version Number:	Q62150551 27.21	

28277-6E75-0010 Page 7 of 8



Data	Code	Description	\$ List	Weight	
8071870	S	Main Instrumentation Panel w/Graphics Display Includes speedometer with tripodometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights w/audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.		0	
8111130	S	Headlight Single Pod Mtd w/Hella Vision Plus with Integral Turn Signals	0	0	
8120980	S	(5) Marker Lights, Aero LED Light Emitting Diodes	0	0	
'aint			de l'aleman fon fantament vi alle d'abbrevier.	ondernessamente (New York) (	
	0	Standard Paint Color Selection	-200	0	
8530770	S	(1) Color Dupont Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - L0006EB WHITE - Stand N85400 HOOD TOP L0006EB WHITE - Stand N85500 CAB ROOF L0006EB WHITE - Stand N85200 FRAME N0001EA BLACK N85700 BUMPER N0001EA BLACK N85300 FENDER L0006EB WHITE - Stand N85720 SK FAIRINGS L0006EB WHITE - Stand	0	0	
liscellaneo				and the second s	
9409000		Day Cab / ProBilt Interior (DB)	0	0	
9409960	O	Presentation Created Using Featured Spec for model	0	0	
reight Chare ptions Not :	ge Subject Vot subje	(W/O Freight & Warranty & Surcharges) to Discount ect to Discount		\$159,365 \$2,125 \$0 \$0 12428	

Prices and Specifications Subject to Change Without Notice.

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Printed: Effective Date:

12/2/2013 12:22:01 PM Jun 1, 2013

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Model Number: Quote/DTPO/CO:

Model 365 Q62150551

Prepared by:

ID: duncanw

Version Number:

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28277-6E75-0010

**DATE: October 31, 2013** 

TO: Bill Duncan

**Rush Truck Center** 

duncanw@rushenterprises.com

REF: Melvin Gore

City Of Norman

melvin.gore@normanok.gov

SUBJECT: Quote # VSW-14412R1



Versalift Southwest L.L.C. 1200 Texas Central Parkway P.O. Box 21415 • Waco, Texas 76702-1415 Phone Number: (254) 420-5330 Fax Number: (254) 776-8025

We are pleased to quote the VERSALIFT VST-7500-MHI, insulated 75 ft. (22.9 m) telescopic aerial platform lift, 80 ft. in (24.4 m) working height, 46ft 10in. (14.3 m) horizontal reach including the following items:

## **AERIAL LIFT SPECIFICATIONS**

**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.

PLATFORM COVER - Vinyl cover is supplied.

**PERSONNEL RESTRAINT SYSTEM** - A safety harness and a lanyard are supplied. The anchor for the lanyard is attached to the platform support.

**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.

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. 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 ½ 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.

**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 12 in. x 14 in. (305 mm x 355 mm) steel section. All three models provide at least a 38 in. (0.97 m) insulation gap with the inner boom fully retracted. The 8 % in. x 10 % 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 12 in. x 14-in. (305mm x 355mm) 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 88° above horizontal.

**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 % 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 ½ in (38 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 cap screws. 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.

**LUBRICATION** - Non-lube bearings are used at most points of motion. Only the rotation bearing and extension chain require lubrication.

**PEDESTAL** - The pedestal is tubular with a reinforced mounting plate. The top plate of the pedestal is 1 ¼ in. (32 mm) thick and machined flat to support the rotation bearing.

**HYDRAULIC OIL RESERVOIR** - A 25 gallon (951) hydraulic oil reservoir is built integral to the pedestal. The reservoir includes anti-splash baffles and two sight gauges for quick hydraulic fluid level checks, and a return filter pressure gauge.

**RADIAL OUTRIGGERS** - Two Sets of radial outriggers are designed and constructed from high-strength steel. At 11 in. (0.28 m) of penetration the outriggers provide 211 in. (5.36 m) of spread based on a 40 in. (1.02 m) frame height. Outriggers are equipped complete with pilot operated check valves, internal thermal relief valves, and separate operating controls for each outrigger.

**OUTRIGGER/BOOM INTERLOCK SYSTEM** - The outrigger/boom interlock system prevents lift operation until the outriggers contact the ground and outrigger retraction before the aerial lift is properly stored.

**HYDRAULIC SYSTEM** - The open-center hydraulic system operates at 3000 psi (210 kg/cm) at 10 gpm (38 lpm). A 10-micron return-line filter, mounted above the hydraulic oil level and inside the pedestal, can be easily changed without draining the reservoir. A filter gauge with a color coded range is used to monitor the condition of the return line filter for replacement. The 100 mesh (149 micron) suction strainer in the reservoir can be removed for cleaning. A gate valve, located below the reservoir, prevents oil loss when the pump is serviced. A magnetic drain plug attracts metal particles from the oil.

**MANUAL THROTTLE CONTROL** - Gives the operator a choice of economical engine idle speeds or faster engine speeds with faster lift movements when required. 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 pedestal can be used to energize the manual throttle control.

PAINT - The complete unit is primed and painted before assembly. The standard color is white urethane.

**HOSES AND FITTINGS** - The hoses routed through the booms are high pressure and non-conductive with swaged hose end fittings. Retainers separate the hoses inside the booms to prevent chafing and nylon sleeves are installed over hoses at points of movement. Reusable fittings can be installed if a hose is damaged.

**ENGINE START/STOP** - The start/stop circuit has been designed so the lift cannot be operated unless the truck ignition switch is in the "RUN" position and the master control is activated. This feature makes it difficult for unauthorized individuals to operate the lift when the truck is locked. An air cylinder at the upper controls and a toggle switch at the pedestal energize this system.

**EMERGENCY POWER** - An auxiliary hydraulic pump designed to bring the booms down in case the main hydraulic source fails. 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.

**ELECTRICAL INSULATION SPECIFICATIONS** - The outer/inner boom assembly is tested and certified for electrical work at 46 kv and below in accordance with ANSI A92.2 requirements. The outer/inner boom assembly is fully insulated even in a retracted position. The chassis insulating system (lower boom insert) is also tested according to ANSI A92.2.

**SLOPE INDICATORS** - Slope indicators are required on Versalift units and supplied by Time Manufacturing Co. Slope indicators shall be installed to indicate the level of the rotation bearing relative to the ground.

MANUALS - Two operator's manuals and two service manuals are included with each aerial lift.

#### **CHASSIS SPECIFICATIONS**

## Minimum Chassis Specifications:

0)	Cab to axle dimension	138 in.
	Frame section modulus	
4	Frame resisting bending moment	750,000 in-lbs.
	Front GAWR	
6	Rear GAWR	20,000 lbs.
	GVWR	•
	Approx. curb weight for stability	

#### **BODY SPECIFICATIONS**

## 175 inches long x 48 inches high x 94 inches wide

- -48 Inches- Compartment height
- -18 Inches- Compartment depth
- -58 Inches- Load space width
- -30 Inches- Top of body to the top of the floor
- -24 inches- Horizontal Compartment Height
- -6 inches- Wheel well box height

## Body Materials:

- -16 gauge galvanneal- Main body material
- -14 gauge hot rolled treadplate- Compartment tops
- -18 gauge galvanneal- Inner door panels
- -18 gauge galvanneal- Outer door panels
  - -5/16" Stainless Steel Continuous rod- Door Hinge Rod
  - -Stainless Steel- Door Hinge Sockets
- -14 gauge galvanneal- Wheel panels
- -14 gauge galvanneal- Front bulkhead
- -18 gauge galvanneal- Shelving & dividers

#### Body Floor and Understructure:

- -12 gauge hot rolled treadplate- Floor
- -6 Inch structural steel channel full frame

#### Accessories:

- -Stainless Steel automotive rotary type door latches
- -Chain stops on all doors
- -Rubber rolled crown type fenders
- -Automotive Bulb Type Weather-stripping
- -Master door lock system

## Paint:

-Rubberized protective undercoating 3-M Body Schutz #08864

## • Streetside Compartmentation

- 1st Vertical:
  - -Two (2) adjustable shelves each with Five (5) adjustable dividers
- 2nd Vertical:
  - -Two (2) adjustable shelves each with Five (5) adjustable dividers
- 3rd Vertical:
  - -Open

## Horizontal Compartment:

- -One (1) removable shelf with Ten (10) adjustable dividers
- Rear Vertical:
  - -Five (5) 3/8" round stock fixed material hooks 1-3-1

- Curbside Compartmentation
- 1st Vertical:
  - -Five (5) 3/8" round stock fixed material hooks 1-3-1
- 2nd Vertical:
  - -Two (2) adjustable shelves each with Five (5) adjustable dividers
- 3rd Vertical:
  - -Open
- Horizontal Compartment:
  - -One (1) removable shelf with Ten (10) adjustable dividers
- · Rear Vertical:
  - -Five (5) 3/8" round stock fixed material hooks 2-3-2
- Tailshelf:
  - -12 Ga. treadplate tailshelf 42 inches long X 94 inches wide x 6 inches high
  - -6 inch structural steel channel full frame
  - -Two (2) 1/8" x 1" x 1" angles to support tailshelf for shipping Approx, 30"L
- Curb Side Access 28" Wide Recessed in Tailshelf:
  - -Gripstrut access steps to bed area with 12 gauge galvanneal risers and side kickplates
  - -One (1) grabhandle at the side access of the body
  - -One (1) pool type grabhandle at the side access of the body
  - -One (1) cable type access step under the side access steps
- Tailshelf Rear Lighting:
  - -94" Wide 7-lamp light bar installed at rear of tailshelf.
  - -Rubber mounted recessed rear lighting kit with harness
  - -Two (2) stop/tail/turn lights Peterson Brand M-417-R L.E.D.
  - -Two (2) clear back up lights Peterson Brand M-417-C-5P L.E.D.
  - -Two (2) side clearance lights reflector style- Peterson brand M173R L.E.D
  - -Two (2) rear clearance lights reflector style Peterson Brand M-143-R L.E.D.
  - -Three (3) light center cluster reflector style- Peterson Brand M-143-R L.E.D.
  - -Seven (7) Lamp light wiring harness
- Outrigger Pad Holders:
  - -Four (4) under body mounted outrigger pad holders

#### **INSTALLATION DETAILS**

- Furnish and install mounting hardware, PTO, and pump.
- Install VERSALIFT VST-7500-MHI
- Furnish and install body and accessories
- · Furnish and install mudflaps
- Furnish and install backup alarm
- Furnish and install travel height decal in the cab
- · Furnish and install quick disconnects with dust caps at the platform tool power
- Furnish and install receiver tube with two (2) safety "D" rings
- · Furnish and install rear chassis spring
- Furnish and install 7-prong trailer receptacle
- Furnish and install rubber bumper for hotstick door
- Furnish chassis programming
- Furnish fire extinguisher and triangle reflector kit
- Furnish four (4) Dica 18 X 18" X 1" outrigger pads
- Paint body to match cab and chassis
- Paint treadplate floor and compartment tops with black no-skid
- Paint mounting hardware with outrigger
- Test ride completed unit for 1 hour
- Test and Certify per ANSI A92.2-2001

## PRICE SUMMARY

Aeria	VST-7500-MHI, Body, Accessories and Installation:		\$131,996.00
Chas	sis:		\$ TO BE SUPPLIED
SUB	TOTAL:		\$131,996.00
NET	PRICE FOB WACO, TEXAS:		\$131,996.00
	OPTIONS	<u>5</u>	
Optio	on 1: Hydraulic Jib & Winch in Lieu of Manual Jib Winch:	ADD TO NET PRICE:	\$ 3,225.00
Optio	on 2: Delivery to Norman, OK:  NOTES	ADD TO NET PRICE:	\$ 605.00
1.	Your Terms This Order:	Net 30 Days p	ending credit approval.
2.	Days to Delivery:	receipt of orde	210 – 270 Days after or or 60 days after receipt ichever is later.
3.	This Quotation Valid For:	30 Days	
4.	This quotation does not include any applicable sales tax	, title, license or state in	spection.
5.	If Versalift Southwest is not supplying the chassis; it is to our facility in Waco, Texas.	ne customer's responsib	ility to deliver the chassis
6.	Chassis specification must accompany purchase order. hardware to accommodate the particular chassis to be u		er the correct mounting
Thank your b	c you for considering <b>Versalift Southwest</b> to meet your uti	lity equipment needs. W	e look forward to earning
Since	rely,		
Phone	Petty nal Sales Manager e: (254) 717-0074 P@timemfg.com		
Signat	ture:	Date:	······································
P.O.#.	Quantity:ase sign and date this quote if you would like to purch ove. Indicate any options that you wish to include on y	Options:	in the quotation listed
prov	rided above. Please fax this along with your PO to (254	) 776-8025 or email to	ieffreyd@timemfg.com

dHybrid Systems, LLC. 912 West 1600 South B-103 Saint George UT 84770



Rush Truck Center - OKC William Duncan OK

Estimate # Estimate Date 0708-60BOC July 8, 2013

Estimate Total \$27,600.00 USD

Item	Description	Unit Cost	Quantity	Line Total
Tank Combo 60 DGE TOC	Capacity: 60 DGE Tank Setup: (4) 16" X 81" Tanks Total Water Liter Volume: 772 Liters (193L Per Tank) Tank Manufacture: Lincoln Composites Install Type: Top of Compactor. Tank Material Type: Composite. Empty Weight: 161 LBS per tank Mount Type: Boss Mount	0.00		0.00
Enclosure 60 DGE TOC	60 DGE Top of Body Tank Enclosure 16 Guage With 3/8 Front Panel Guard	0.00	1	0.00
Fill Nozzle High Flov	v High-Flow Transit Fill nozzle.	0.00	1	0.00
Fill Nozzle Slow Fill	High Pressure Fill Nozzle. Slow fill. NGV1	0.00	1	0.00
CTS Display	CTS Full Color Display Touch Screen Unit. In Cab electronic display for tank pressure, , Etc.	0.00	· ·	0.00
Filter - High Flow	CNG Filter - High Flow	0.00	1	0.00
Shut Off Valve	Manual Shut Off Valves	0.00	4	0.00
Regulator	High Flow Regulator	0.00	1	0.00
Gauge - High Pressure	High Pressure Non-Electronic Gauge	0.00	1	0.00
Hose - High Pressure Stainless Line	High Pressure Line - Stainless Steel 1/2° 300 Series Min.	0.00	1	0.00
Mounting Bracket	Full Set of Neck Mount Brackets	0.00	4	0.00
Emergency Shut Off	Emergency Shut Off Valves	0.00	2	0.00
PRD	Pressure Relief Device	0.00	2	0.00
De Fuel Valve	De Fuel Valve	0.00	1	0,00
Powder Coating	Powder Coating	0.00	4	0.00
Shipping	Shipping to Customers Location (Built Into Cost of System)	400.00	ę	400.00
Total System Cost	Total System Cost	27,200.00	<b>6</b> 5	27,200.00

#### Terms

Terms: 50% Down. 50% Net 15 Install

Delivery Location: Customer's Location

Website: www.dhybrld.com

Contact: Trevor Milton Phone: (435)862-9544

dhybrid EPA Manufacturing Code: DHY

dhybrid Tax Id: 27-1451013 Federal Excise Tax Not included

#### Notes

24" Back of Cab Clearance.

\$1,200 per truck chassis drilling if dHybrid has to drill chassis. Peterbilt will drill, so we recommend that you have Peterbilt drill. dHybrid will walk you through how to get Peterbilt to drill it and what codes to use.

\* Weights are approximate.

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