



November 15, 2012
Our 83rd Year

ROCHELLE MUNICIPAL UT DEPT
PO BOX 456

Bill To:

ROCHELLE MUNICIPAL UT DEPT
PO BOX 456

ROCHELLE, IL 61068-0000
US

ROCHELLE, IL 61068-0000
United States

Altec Quotation Number 209438 - 1
Account Manager: Mark Finch
Inside Sales Rep: Toni L Tribby

Altec Sales Order(s):

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		

- | | | | |
|----|---|---|--|
| 1. | ALTEC Model DM47; 47 foot Digger Derrick with hydraulic extending full capacity intermediate and upper booms. Built in accordance with standard specifications and to include the following features: | 1 | |
| | A. Pole Setting Sheave Height: 46.4 feet | | |
| | B. Maximum Horizontal Reach from centerline of rotation: 37.0 feet | | |
| | C. Digging Radius from centerline of rotation: 17.9 to 26.7 feet | | |
| | D. Lift Capacity at 10 Ft. Radius: 12,340 lbs. (Without optional equipment installed). See complete load chart for capacities with installed options. | | |
| | E. Boom Articulation: -20 to 80 degrees | | |
| | F. Continuous Rotation with high capacity worm gear drive gearbox | | |
| | G. Insulated, 46 KV and below | | |
| | H. Hydraulic Overload Protection (HOP) System: activates when the unit is exposed to an overload condition. System prevents actuation of all functions that could increase the overload condition. System automatically resets when overload condition is relieved. Overload protected functions include: | | |
| | - Boom Lower | | |
| | - Intermediate Boom Extend | | |
| | - Third Stage Boom Extend | | |
| | - Winch Raise | | |
| | - Digger Dig | | |
| | I. Load Indicator Gauge: located at the main control panel, displays the percentage of total allowable lifting capacity being utilized. By use of this gauge, the operator is aware of the hydraulic and structural design rating of the derrick and where in these limits they are operating. | | |
| | J. Electronic Controls: Easy to operate electric controls with superior metering. Includes a diagnostic port which by connecting a handheld service tool, provides troubleshooting code readouts and the ability to calibrate function speeds, control | | |



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	sensitivity, and multi-function operation. Electric controls eliminate the risk of high pressure hose leaks near the operator and leak points are minimized throughout the machine including the rotary joint through which only two hydraulic lines pass.		
K.	Manual override of electronically controlled boom, winch, and digger functions at the main control valve		
L.	Standard/Low Speed Selector: Allows operator to select standard or low function speed operation. When in standard mode, each function operates at normal speeds. When in low speed, the maximum operational speed of each function is slower providing finer feathering capability. The function is separate from engine throttle control.		
M.	Remote Control Retrofittable: Control system includes single quick connect plug for quick and easy installation of radio remote control system in the field upon request (if not already equipped).		
N.	Proportional Hydraulic Control System: Hydraulic control valves for boom, winch, and digger functions are operated and controlled by a proportional pilot system which provides full metering and feathering characteristics.		
O.	Hydraulic System: Full Pressure, open center, hydraulic system operating with up to 38 gpm of maximum flow at 3,000 psi maximum pressure. A two-section fixed displacement tandem vane pump provides up to 15 gpm of flow to power the boom functions or combines flow to power the winch and auger.		
P.	Hydraulic Dump Valve: on the main hydraulic circuit provides extra protection by diverting pressurized hydraulic flow away from the main control valve when the unit is idle.		
Q.	Fiberglass third stage boom and boom tip with provision for platform attachment.		
R.	Transferable Hydraulic Pole Guides and Steel Boom Flares at the boom tip with adjustable alignment guides. Pole guides are hydraulically powered for open, close, and tilt.		
S.	Pole Guide Tilt Interlock: Prevents the upper boom from extending when the transferrable guides are attached to the intermediate boom until the proximity sensors detect that the guides are tilted all the way up and out of the way.		
T.	Bearings: All extending booms utilize self lubricating, low friction, slide bearings.		
U.	Boom Stow Protection System: A proximity switch on main boom detects the boom support as the boom is being stored and limits the boom down function to avoid excessive down force into the stow.		
V.	Auger Stow Protection: Limits the upward travel of the auger as it reaches the top of the auger stow latch to prevent an overstow condition.		
W.	Two-part load line attachment point on the intermediate boom		
X.	Unit is painted with a powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion.		
Y.	Structural Warranty: all of the following applicable major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.		
Z.	Manuals: Two (2) operator and Maintenance/Parts manuals		
2.	Rear mount pedestal	1	
3.	Rear Mount - Traditional Control Seat, installed on curb side of turntable, includes single control station	1	



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
4.	Turntable Mounted Winch	1	
5.	Winch: Normal Speed with 15,000 lbs. bare drum capacity.	1	
6.	Digger, Two-Speed Mechanical Shift, 12,000 ft-lbs. Includes a rapid reversing shake feature for quick and convenient cleaning of dirt from the auger and all of the components necessary to operate digger, installed.	1	
7.	Digger Storage: located on the Street Side (Normal) (NOTE: for behind the cab mount derricks, the digger will be located on the curbside) Nylon auger wind up strap included.	1	
8.	Derrick is Rated for Platform Use: Unit is designed and tested for combined use as a digger derrick and personnel handler per ANSI standards.	1	
9.	Foot throttle.	1	
10.	No hard wired upper controls, but WITH TOOL CIRCUIT at boom tip	1	
11.	Standard Hydraulic Side Load Protection: relieves overload conditions by allowing rotation system to back drive.	1	
12.	Outriggers, Radial, folding shoe, 164 maximum spread, for use as auxiliary or primary outriggers	1	
	A. Maximum Spread: 153 inches measured from centerline of shoe pins		
	B. Penetration at maximum extension: 7.2 inches (for standard installation on a 40 inch frame height)		
	C. Standard Shoe Dimensions: 12 x 10 inches		
	D. Hydraulic Outrigger Control Valves		
	E. Outrigger/Unit Selector Control: Reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.		
	F. Outrigger motion alarms		
	G. Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed.		
13.	Code 44: Outriggers, A-frame, folding shoe, 153 maximum spread, for use as auxiliary or primary outriggers on DL units - for use as auxiliary outriggers only on DM units, includes:	1	
	A. Maximum Spread: 153 inches measured from centerline of shoe pins		
	B. Penetration at maximum extension: 7.2 inches (for standard installation on a 40 inch frame height)		
	C. Standard Shoe Dimensions: 12 x 13 inches		
	D. Hydraulic Outrigger Control Valves		
	E. Outrigger/Unit Selector Control: Reduces the potential for inadvertent outrigger		

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	movement during machine operation if outrigger controls are bumped.		
F.	Outrigger motion alarms		
G.	Outrigger Interlocks: Will not allow the unit to be operated until the outriggers have been at least partially deployed.		
14.	Altec white (standard).	1	
<u>Unit & Hydraulic Acc.</u>			
15.	Unit Installation Components.	1	
16.	Auger Storage Bracket, Horizontal, Maximum 24 Auger Streetside compartment top.	1	
17.	Dirt Auger, 20" Dia., With 2-1/2" Hex X 104" Long	1	
18.	Winch Rope For Turntable Winch	1	
19.	Load Line Swivel Hook, 8-1/2 Ton (Crosby)	1	
20.	DL/DM Series Derrick Subbase (Rigid)	1	
21.	Subbase Storage With Drop Down Door (Paddle Latch) At Rear	1	
22.	HVI-22 Hydraulic Oil (Standard).	65	
23.	Reservoir, 60 Gallon, (Altec Standard)	1	
24.	Standard Pump For PTO	1	
25.	Hot shift PTO for automatic transmission	1	
26.	Muncie PTO (Altec Standard)	1	
27.	Install Tool Circuit For Hose Reel Installation, Below Rotation	1	
28.	25' Conductive Hose Kit, Black, Includes Quick Disconnects and Dust Caps	1	
29.	Custom Hydraulic Hose Kit Manual hose reel for 25 foot of hose.	1	
30.	Pole Puller Assembly With 1/2" Chain And Puller Plate	1	
31.	Pole Puller Storage Bracket	1	

Body



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
32.	Astoria Body	1	
33.	Fiberglass Body	1	
34.	Bobtail Service Line With Step (BSLS)	1	
35.	Approximate Body Length (Engineering to Determine Final Length) 124	1	
36.	Custom Body Width 93	1	
37.	Custom Body Compartment Height 48	1	
38.	Custom Body Compartment Depth 18	1	
39.	Gelcoat Finish Entire Body.	1	
40.	Gripstrut On Curbside Compartment Tops	1	
41.	Treadplate On Streetside Compartment Tops Galvanealed Treadplate.	1	
42.	Rope Lights (LED) Around Top And Sides Of Compartment Door Facings	1	
43.	Stainless Steel Rotary Paddle Latches With Keyed Locks	1	
44.	Custom Body Door Holders Astoria standard door holders.	1	
45.	One Chock Holder With Retaining Lip In Fender Panel On Each Side Of Body (Rear Of Wheel Or Opposite Fuel Fill)	1	
46.	Hotstick Shelf Extending Full Length Of Body On Streetside	1	
47.	Two Hotstick Brackets On Streetside	1	
48.	Standard Drop-Down Hotstick Door For One (1) Shelf On Streetside, Stainless Steel Slam Paddle Latch With Keyed Lock	1	
49.	Custom 1st Vertical (SS) Compartmentation 32 inch wide compartment with 10 hooks, 3-4-3. 3/8 inch cold rolled bar.	1	
50.	Custom 2nd Vertical (SS) Compartmentation 32 inches wide, 3 adjustable shelves with 4 inch dividers.	1	
51.	Custom 1st Horizontal (SS) Compartmentation 60 inches wide, 1 fixed shelf, no dividers.	1	
52.	Custom 1st Vertical (CS) Compartmentation 32 inches wide, treadplate access step with 1 grab handle.	1	
53.	Custom 2nd Vertical (CS) Compartmentation 32 inch wide compartment with 10 hooks,	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	3-4-3. 3/8 inch cold rolled bar.		
54.	Custom 1st Horizontal (CS) Compartmentation 60 inches wide, 2 fixed shelves with dividers on 8 inch centers.	1	
55.	Additional Body Option Neoprene fenders.	1	
<u>Body and Chassis Accessories</u>			
56.	18" L Aluminum Tailshelf, Width To Match Body	1	
57.	Custom Tailshelf Through storage in tailshelf with drop down door on curbside only.	1	
58.	Cable Step Installed At Rear, Single Step	2	
59.	U-Shaped Grab Handle Installed At Rear	2	
60.	ICC (Underride Protection) Bumper Installed At Rear	1	
61.	Dock Bumpers (Pair), Fixed Mounting (Rectangular Bumper), Installed At Rear	1	
62.	T-125 Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL)	1	
63.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1	
64.	Lower Boom Rest Weldment	1	
65.	Mounting Brackets for Lights, Located on Lower Boom Rest	1	
66.	Plastic Outrigger Pad, 24" x 22" x 1", Black With Rope Handle	4	
67.	Outrigger Pad Holder, 25" L x 25" W x 3" H, Fits 24" x 24" x 2" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer	4	
68.	Wheel Chocks, Rubber with Metal Hairpin Style Handle, 9.75" L X 7.75" W X 5.00" H (Pair)	1	
69.	Mud Flaps With Altec Logo (Pair)	1	
70.	10 LB Fire Extinguisher With Heavy Duty Bracket, Installed	1	
71.	Triangular Reflector Kit, Installed	1	
72.	Slope Indicator Assembly For Machine With Outriggers	1	



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
73.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<u>Electrical Accessories</u>			
74.	Install Outrigger Interlock System	1	
75.	Altec Standard Multi-Point Grounding System	5	
76.	Grounding Reel, Automatic Retracting, Hannay - Holds #2 GA, #1/0 GA (Max 75'), Or #2/0 GA Cable (Max 65') Locate during PAM Kit Review.	1	
77.	Grounding Cable, 2/0 GA Yellow Jacketed Cable	50	
78.	Grounding Clamp, Bronze Tower Style With Serrated Jaws (Includes Ferrule and Heat Shrink Tubing)	1	
79.	Compartment Lights Wired To Dash Mounted Master Switch	1	
80.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
81.	Altec Standard Amber LED Strobe Light With Brush Guard Installed at left front of body on post mount.	1	
82.	4-Corner Strobe Lighting, Amber LED, Front Grille Surface Mounted Lights And Rear Grommet Mounted Lights	1	
83.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
84.	2400 Watt Pure-Sine Wave Inverter Location to be determined at PAM Kit review.	1	
85.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
86.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1	
87.	Power Distribution Module Is A Compact Self-Contained Electronic System That Provides A Standardized Interface With The Chassis Electrical System. (Includes Operator's Manual)	1	
88.	Additional Electrical Accessory Underbody safety lighting, by TST Inc. #LK104-H3UT, mounted at all four corners of the utility body.	1	

Finishing Details



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
89.	DM47-TR FA Installation	1	
90.	Delivery Of Completed Unit	1	
91.	Focus Factory Build	1	
92.	Powder Coat Unit Altec White	1	
93.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc.	1	
94.	Apply Additional Undercoating from behind chassis cab to rear of truck.	1	
95.	Black Undercoating, Applied per Altec Standard	1	
96.	Apply Non-Skid Paint (Ferrox) to all walking surfaces	1	
97.	English Safety And Instructional Decals	1	
98.	Vehicle Height Placard - Installed In Cab	1	
99.	Dielectric test unit according to ANSI requirements.	1	
100.	Stability test unit according to ANSI requirements.	1	
101.	DOT Certification Required Rochelle Municipal Utilities	1	
102.	Prepaint Inspection Required By Customer	1	
103.	Placard, HVI-22 Hydraulic Oil	1	
104.	Inbound Freight	1	
<u>Chassis</u>			
105.	Chassis	1	
106.	Altec Supplied Chassis	1	
107.	2013 Model Year	1	
108.	Ford F750	1	
109.	Chassis Color - White	1	



<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
110.	Chassis Cab To Axle Length - 108 inch	1	
111.	Chassis Wheelbase Length - 182 inch	1	
112.	GVWR 33,000 LBS	1	
113.	12,000 LBs Front Axle Rating	1	
114.	21,000 LBs Rear Axle Rating	1	
115.	11R22.5 Front Tire	1	
116.	11R22.5 Rear Tire	1	
117.	Cummins ISB	1	
118.	240 HP Engine Rating	1	
119.	Other Transmission Allison 2500 6-Speed, RDS Series On-Off	1	
120.	91B - Ford Exhaust- Single Horizontal Tail Pipe Right Side Outlet Horizontal Aftertreatment Device Frame Mounted Under Cab Outside Right Rail	1	
121.	Air Brakes	1	
122.	No Idle Engine Shut-Down Required	1	
123.	4x2 Drivetrain	1	
124.	Regular Cab	1	
125.	Other Seat Options See chassis specs	1	
<u>Miscellaneous</u>			
126.	Standard Altec Warranty One (1) year parts warranty One (1) year labor warranty Ninety (90) days warranty for travel charges Limited Lifetime Structural Warranty	1	

Unit/Body	\$111,796.00
Ford Chassis	\$54,206.00
Total	\$166,002.00

Altec Industries, Inc.

BY Toni Tribby

Notes:

1 RECOMMENDED OPTIONS AND ACCESSORIES: These options are not included in the Quote Total Price. Selected options would change the quote total.

Option 1: International 4300 SBA add \$16,651.00

Option 2: Freightliner M2-106 add \$

2 Altec Standard Warranty:

One (1) year parts warranty.

One (1) year labor warranty.

Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.

Bidder is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Unless otherwise noted, all measurements used in this quote are based on a 40 inch (1016mm) chassis frame height and standard cab height for standard configurations.

F.O.B. - Customer Site

Changes made to this order may affect whether or not this vehicle is subject to F.E.T. A review will be made at the time of invoicing and any applicable F.E.T. will be added to the invoice amount.

Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.

Terms: If chassis is ordered through ALTEC Industries, Inc. the chassis payment is due upon receipt of the chassis at ALTEC Industries, Inc. Balance is due NET 30 days after receipt of completed unit.

Interest charge of 1/2% per month to be added for late payment.

Delivery: 240-270 days after receipt of order PROVIDING:

A. Order is received within 14 days from the date of the quote. If initial timeframe expires, please contact your Altec representative for an updated delivery commitment.

B. Chassis is received a minimum of sixty (60) days before scheduled delivery.

C. Customer approval drawings are returned by requested date.

D. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.

E. Customer expectations are accurately captured prior to releasing the order. Unexpected additions or changes made at a customer inspection will delay the delivery of the vehicle.

Trade-in offer is contingent upon equipment being maintained to DOT (Department of Transportation)



operating and safety standards. This will include, but not limited to tires, lights, brakes, glass, etc. If a trade-in is not maintained to DOT standards, additional transportation expenses will apply and could be invoiced separately.

All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with the vehicle unless otherwise agreed upon in writing by both parties. Altec Industries reserves the right to re-negotiate its trade-in offer if these conditions are not met.

Customer may exercise the option to rescind this agreement in writing within sixty (60) days after receipt of purchase order. After that time Altec Industries will expect receipt of trade-in vehicle upon delivery of new equipment as part of the terms of the purchase order.

Titles for trade-in equipment should be given to the appropriate Altec Sales associate or forwarded to Altec Nuevo at address 1730 Vanderbilt Road, Birmingham, AL 35234.

- 11 This quotation is valid until JAN 14, 2013. After this date, please contact Altec Industries, Inc. for a possible extension.
- 12 After the initial warranty period, Altec Industries, Inc. offers mobile service units, in-shop service and same day parts shipments on most parts from service locations nationwide at an additional competitive labor and parts rate. Call 877-GO-ALTEC for all of your Parts and Service needs.
- 13 Please email Altec Capital at finance@altec.com or call 888-408-8148 for a lease quote today.
- 14 Please direct all questions to Mark Finch @ 317-313-6145