

Quoted for: City of Rochelle

Customer Contact:

Phone: / Email:

Quoted by: Jeff Atkins

Phone: (816) 676-6649 / Email: jeff.atkins@altec.com

Altec Account Manager: Clay Graves

**REFERENCE ALTEC MODEL**

DH50	50' Fully Hydraulic derrick, rear mount	\$221,281
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**(A.) SOURCEWELL OPTIONS ON CONTRACT (Unit)**

1			
2			
3			
4			

**(A1.) SOURCEWELL OPTIONS ON CONTRACT (General)**

1	SPOT3	Four Corner Strobes (LED)	\$561
2	PSWI2	2400 Watt Inverter	\$2,890
3	SPOT6	LED Go Light With Wireless Remote	\$709
4	SPOT6	LED Go Light With Wireless Remote	\$709
5	VCAM	Backup Camera	\$835
6	UHPP	Hydraulic Pole Puller and Mounting Bracket	\$1,502
7			
8			
<b>SOURCEWELL OPTIONS TOTAL:</b>			<b>\$228,487</b>

**(B.) OPEN MARKET ITEMS (Customer Requested)**

1	UNIT		
2	UNIT & HYDRAULIC ACC		
3	BODY		
4	BODY & CHASSIS ACC	Vise	\$788
5	ELECTRICAL	3 LED Work Lights	\$852
6	FINISHING		
7	CHASSIS		
8	OTHER		
<b>OPEN MARKET OPTIONS TOTAL:</b>			<b>\$1,640</b>

**SUB-TOTAL FOR UNIT/BODY/CHASSIS: \$230,127**  
**Delivery to Customer: \$875**  
**TOTAL FOR UNIT/BODY/CHASSIS: \$231,002**

**(C.) ADDITIONAL ITEMS (items are not included in total above)**

1			
2			
3			
4			

\*\*Pricing valid for 45 days\*\*

**NOTES**

**PAINT COLOR:** White to match chassis, unless otherwise specified

**WARRANTY:** Standard Altec Warranty for Aerials and Derricks - One (1) year parts warranty One (1) year labor warranty Ninety (90) days warranty for travel charges (Mobile Service) Limited Lifetime Structural Warranty. Chassis to include standard warranty, per the manufacturer.

**TO ORDER:** To order, please contact the Altec Account Manager listed above.

**CHASSIS:** Per Altec Commercial Standard

**DELIVERY:** No later than **30-50 days ARO**, FOB Customer Location

**TERMS:** Net 30 days

**BEST VALUE:** Altec boasts the following "Best Value" features: Altec ISO Grip Controls for Extra Protection, Only Lifetime Warranty on Structural Components in Industry, Largest Service Network in Industry (Domestic and Overseas), Altec SENTRY Web/CD Based Training, Dedicated/Direct Gov't Sales Manager, In-Service Training with Every Order.

**TRADE-IN:** Equipment trades must be received in operational condition (as initial inspection) and DOT compliant at the time of pick-up. Failure to comply with these requirements, may result in customer bill-back repairs.

**BUILD LOCATION:** St. Joseph, MO



July 23, 2019  
Our 90th Year

**Ship To:**  
CITY OF ROCHELLE  
333 Lincoln Hwy  
Rochelle, IL 61068

**Bill To:**  
CITY OF ROCHELLE  
333 Lincoln Hwy  
Rochelle, IL 61068

Attn:  
Phone:  
Email:

**Altec Quotation Number:** 541590  
**Account Manager:** 0338 Graves, Clay  
**Technical Sales Rep:** Jeff Atkins

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	<u>Unit</u>	
1.	ALTEC Model DH50B Hydraulic Derrick, built in accordance with Altec standard specifications and to include the following features: <ul style="list-style-type: none"> <li>A. Maximum Sheave Height: 50.6 ft</li> <li>B. Maximum Horizontal Reach: 41.0 ft</li> <li>C. Maximum Digging Radius: 29.0 ft</li> <li>D. Articulation: 80 degrees above horizontal to 20 degrees below horizontal</li> <li>E. Winch: 15,000 pound bare drum capacity turntable winch with 8.625 inch diameter drum to comply with ANSI 10.31 Section 4.10.4 for synthetic rope. High torque hydraulic motor drives a self-locking worm gear winch. Counterbalance valves on motor provide reliable load holding.</li> <li>F. Insulated: 46 kV and below</li> <li>G. Hydraulic Overload Protection System: activates when unit is exposed to overload condition. System prevents actuation of all functions that could add to the overload condition including: -Boom Lower -Intermediate Boom Extend -Third Stage Boom Extend -Winch Raise -Auger Dig System automatically resets when overload condition is relieved</li> <li>H. Hydraulic Side Load Protection: relieves overload conditions by allowing rotation system to back drive.</li> <li>I. System pressure gauges mounted on main control stations.</li> <li>J. Passive zone rating system with visual light indicators to show instability of unit (only when mounted on single axle chassis)</li> <li>K. Transferable Boom Flares include adjustable alignment guides.</li> <li>L. Fiberglass Boom Tip with provisions for platform attachment.</li> <li>M. Two-part load line attachment point on intermediate boom.</li> <li>N. Full capacity fiberglass upper boom is round and is fabricated using a Centrifugally Cast process that provides a smooth surface finish inside and out that is easy to clean and is highly resistant to damage.</li> <li>O. Hydraulic Dump Valve installed in pedestal: Provides extra protection by diverting hydraulic flow away from the main control valve when unit is idle. Dump valve solenoid is electronically activated when a function is operated.</li> </ul>	1

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>
P.	Boom Storage Protection System: switch on main boom activates hydraulic overload protection system to prevent operator from inadvertently placing excessive down force on boom stow bracket.	
Q.	Continuous rotation including planetary drive rotation gearbox. With booms horizontal and fully extended, unit is able to rotate a 500 lbs load on winch line at boom tip up a 5 degree slope.	
R.	Manual Override of Hydraulic Functions at main control valve.	
S.	Two (2) Operator's and Maintenance/Parts Manuals containing instructional markings indicating hazards inherent in the operation of an aerial device	
T.	Painted white with Altec Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the inside as well as outside of all fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection.	
U.	Unit meets or exceeds ANSI 10.31-2006. Unit serial number placard clearly states compliance.	
V.	Unit is designed and manufactured in facilities that are certified to meet ISO 9001 requirements.	
2.	Electric-Hydraulic Control System: Closed Center hydraulic system with maximum flow of 50 gpm for simultaneous operation of multiple functions	1
A.	Flow is provided by a variable displacement, pressure compensated, piston pump.	
B.	This 'flow on demand' system optimizes the overall system efficiency.	
C.	System is designed with compensators in each valve section for smooth transitions between functions.	
D.	Maximum system pressure is 3000 psi.	
E.	Because flow is provided by a single source (piston pump), maximum flow is available to any combination of functions including simultaneous operation of the boom and digger/winch functions and flow combining is not necessary.	
3.	Rear Mount Over Rear Axle for DH	1
4.	173 - Rear Mount Altec Opti-View Control Seat, installed on curb side of turntable, includes twin multi-function joystick controls and foot throttle.	1
5.	No hard wired upper controls and NO TOOL CIRCUIT at boom tip	1
6.	8 - Turntable Winch	1
7.	11 - Normal winch speed (15,000 lbs)	1
8.	94 - Digger, Two-Speed Mechanical Shift, 12,000 ft-lbs, includes all of the components necessary to operate digger, installed	1
9.	2.50 in Hex Output Shaft With 2.50 in Hex Extension Shaft	1
10.	88 - Digger - right-hand storage, viewing from boom tip - streetside for rear and corner mount, curbside for behind cab mount - normal. Includes Auger Overstow Protection System	1
11.	Platform Tubes Installed at Boom Tip	1
12.	176 - ANSI use criteria, Platform use or combined Digger Derrick/Platform use	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
13.	Standard Pole Guides for 18.00 in Dia Pole Maximum	1
14.	No Derrick Tong Protectors	1
15.	Foot throttle.	1
16.	Hydraulic Side Load Protection: relieves overload conditions by allowing rotation system to back drive.	1
17.	134 - Altec RotaFloat™ System. Activating this switch while digging frees the booms to rotate, thus eliminating one of the many functions needed to install screw anchors. Includes alarm and visual indicator	1
18.	Zone Rating System	1
19.	Manual Hydraulic Outrigger Controls	1
20.	450 - Outriggers, A-frame, folding shoe, 153 maximum spread, for use as auxiliary outriggers on all units or primary outriggers on select units	1
21.	450 - Outriggers, A-frame, folding shoe, 153 maximum spread, for use as auxiliary outriggers on all units or primary outriggers on select units, includes: <ul style="list-style-type: none"> <li>A. Maximum Spread: 153 inches measured from centerline of shoe pins</li> <li>B. Penetration at maximum extension: 6.5 inches (for standard installation on a 40 inch frame height)</li> <li>C. Standard Shoe Dimensions: 14 x 15.25 inches</li> <li>D. Hydraulic Outrigger Control Valves</li> <li>E. Outrigger/Unit Selector Control: Reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.</li> <li>F. Outrigger motion alarms</li> <li>G. Outrigger Interlocks: Will not allow the unit to be operated until the outriggers have been at least partially deployed.</li> </ul>	1
<b><u>Unit &amp; Hydraulic Acc.</u></b>		
22.	Unit Installation Components.	1
23.	Dirt Auger, 18 Inch DIA, With 2-1/2 Inch Hex X 104 Inch Long (Painted Black)	1
24.	Winch Rope For Turntable Winch	1
25.	Load Line Swivel Hook, 8-1/2 Ton (Crosby)	1
26.	Standard Spacer between Subbase and frame for hose routing and ease of maintenance.	1
27.	DH Series Derrick Subbase (Rigid)	1
28.	Subbase Storage With Drop Down Door (Paddle Latch) At Rear	1
29.	Reservoir, 60 Gallon, (Altec Standard)	1
30.	Hydraulic components needed when locating reservoir more than 86" from pump.	1
31.	HVI-22 Hydraulic Oil (Standard).	65

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
32.	Piston Pump, Pressure Compensated, right hand rotation, provides 46 gpm max system flow at 3000 psi max system pressure.	1
33.	Hot shift PTO for automatic transmission	1
34.	Muncie PTO (Altec Standard)	1
35.	Standard Altec PTO/Machine Functionality: PTO won't engage until parking brake is set.-Once parking (holding) brake is set, PTO and machine functions are enabled.-If parking (holding) brake is disengaged, both PTO and machine functions are disabled.	1
36.	Standard PTO/Transmission Functionality for Automatic Transmissions -If chassis is in gear, and PTO switch is activated, PTO will not engage. Chassis will remain in gear. Once the chassis is shifted back into gear the PTO will disengage. For some truck configurations the PTO switch must be turned off to allow the transmission to shift into gear.	1
37.	Altec recommends any connection made to the tool circuit be done with Non-Conductive hose. If ordering a Hose reel, Altec recommends ordering a hose reel with Non-Conductive hose. The lower tool circuit hoses may be, or become, conductive. Death or serious injury could occur if the unit becomes energized while lower tool circuit is in use.	1
38.	Spring Loaded Hose Reel, 50 FT Hose Capacity Installed on tailshelf CS	1
39.	Install Tool Circuit For Hose Reel Installation, Below Rotation (Male Pressure, Female Return -Installed at Hose Reel)	1
40.	50' Non-Conductive Hose Kit, Orange, Includes Quick Disconnects and Dust Caps (Male Pressure, Female Return)	1
41.	74 - Flow Divider, Optional for Variable Tool Control - for installation of tools at tailself	1
<b><u>Body</u></b>		
42.	Altec Body	1
43.	Steel Body	1
44.	Body Is To Be Built In Accordance With The Following Altec Standard Specifications:	1
	A. Basic Body Fabricated From A40 Grade 100% Zinc Alloy Coated Steel.	
	B. All Doors Are Full, Double Paneled, Self-Sealed With Built-In Drainage For Maximum Weather-Tightness. Stainless Steel Hinge Rods Extend Full Length Of Door.	
	C. Heavy-Gauge Welded Steel Frame Construction.	
	D. Integrated Door Header Drip Rail At Top For Maximum Weather Protection.	
	E. Fender Panels Are Either Roll Formed Or Have Neoprene Fenderettes Mechanically Fastened.	
	F. Steel Treated For Improved Primer Bond And Rust Resistance.	
	G. Automotive Type Non-Porous Door Seals Fastened To The Door Facing.	
	H. B-Line Channel Installed In Compartments	
45.	Smooth Galvanneal Steel Floor	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
46.	Bobtail Service Line With Step (BSLS)	1
47.	Finish Paint Body Altec White	1
48.	Undercoat Body	1
49.	144" Estimated Body Length (Engineering To Determine Final Length)	1
50.	94" Body Width	1
51.	46" Body Compartment Height	1
52.	18" Body Compartment Depth	1
53.	5.5 Inch Drop-In Wood Cargo Retaining Board At Rear Of Body	1
54.	5.5 Inch Drop-In Wood Cargo Retaining Board At Top Of Side Access Step	1
55.	Stainless Steel Rotary Paddle Latches With Keyed Locks	7
56.	All Locks Keyed Alike Including Accessories (Preferred Option)	1
57.	Standard Master Body Locking System (Standard Placement Is At Rear. Sidepacks With A Throughshelf/Hotstick Door At Rear, Standard Placement Is At The Front)	7
58.	Gas Shock (Gas Spring) Rigid Door Holders On All Vertical Doors	1
59.	Chains On All Horizontal Doors	1
60.	One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel	1
61.	Hotstick Shelf Extending Full Length Of Body On Streetside	1
62.	Two Hotstick Brackets On Streetside	1
63.	Standard Drop-Down Hotstick Door For One (1) Shelf On Streetside, Stainless Steel Slam Paddle Latch With Keyed Lock	1
64.	1st Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers	3
65.	2nd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Left Wall	1
66.	2nd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Rear Wall	4
67.	2nd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Right Wall	1
68.	3rd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Left Wall	1
69.	3rd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Rear Wall	4
70.	3rd Vertical (SS) - Locking Swivel Hooks On An Adjustable Rail - Right Wall	1
71.	1st Horizontal (SS) - Fixed Shelf With Slots, No Dividers Provided	1
72.	1st Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Left Wall	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
73.	1st Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Rear Wall	4
74.	1st Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Right Wall	1
75.	2nd Vertical (CS) - Gripstrut Access Steps With Two (2) Sloped Grab Handles	1
76.	3rd Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Left Wall	2
77.	3rd Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Rear Wall	2
78.	3rd Vertical (CS) - Locking Swivel Hooks On An Adjustable Rail - Right Wall	2
79.	1st Horizontal (CS) - Adjustable Shelf With Removable Dividers On 8" Centers	2
80.	34" L Steel Tailshelf, Width To Match Body	1
81.	3" Fixed Steel Retaining Rail On Sides And Rear Of Tailshelf With Corner Wash-Out	1
82.	Smooth Galvanneal Steel Tailshelf	1
<b><u>Body and Chassis Accessories</u></b>		
83.	ICC (Underride Protection) Bumper Installed At Rear	1
84.	T-125 Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL)	1
85.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1
86.	Glad Hands At Rear, Straight Type	1
87.	Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)	1
88.	Riding Seat Access Step (For Derricks)	1
89.	Compartment Top Access Step from Body Floor	1
90.	Lower Boom Rest Weldment	1
91.	Mounting Brackets for Lights, Located on Lower Boom Rest	1
92.	Wood Outrigger Pad, 24" x 24" x 2.5", with Rope Handle	4
93.	Outrigger Pad Holder, 25" L x 25" W x 5" H, Fits 24.5" x 24.5" x 4" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer	4
94.	Pendulum Retainers For Outrigger Pad Holders	4
95.	Mud Flaps With Altec Logo (Pair)	1
96.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1
97.	Dock Bumpers (Pair), Fixed Mounting (Rectangular Bumper), Installed At Rear	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
98.	Slope Indicator Assembly For Machine With Outriggers	1
99.	Pole Rack Two Pole Capacity With Ratchet Tie Binders (Removable At Rear) Installed on SS	1
100.	Secondary Boom Saddle For Offset Stowing Of Derrick Due To Pole Rack	1
101.	Triangular Reflector Kit, Installed	1
102.	5 LB Fire Extinguisher With Light Duty Bracket, Shipped Loose	1
103.	Vinyl manual pouch for storage of all operator and parts manuals	1
104.	Outrigger Control Guards- Underhung Tailshelf Mount	1

**Electrical Accessories**

105.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1
106.	Altec Standard Amber LED Strobe Light with Brush Guard Installed on boom stow	2
107.	Dual Tone Back-Up With Outrigger Motion Alarm	1
108.	Altec Standard Multi-Point Grounding System	5
109.	Copper U Shaped Grounding Lug (Threaded) installed on CS, front and rear	2
110.	PTO Hour Meter, Analog, with 10,000 Hour Display	1
111.	7-Way Trailer Receptacle (Pin Type) Installed At Rear	1
112.	Electric Trailer Brake Controller (Kelsey Hayes #81741)	1
113.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1
114.	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
115.	Install Outrigger Interlock System	1

**Finishing Details**

116.	Finish Paint Body Accessories Above Body Floor Altec White	1
117.	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. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1
118.	Apply Non-Skid Coating to all walking surfaces	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
119.	English Safety And Instructional Decals	1
120.	Vehicle Height Placard - Installed In Cab	1
121.	Placard, HVI-22 Hydraulic Oil	1
122.	Dielectric test unit according to ANSI requirements.	1
123.	Stability test unit according to ANSI requirements.	1
124.	Focus Factory Build	1
125.	Delivery Of Completed Unit	1
126.	DH50B-TR FA Installation	1
127.	Stock Unit	1
<u>Chassis</u>		
128.	Chassis	1
129.	Altec Supplied Chassis	1
130.	2020 Model Year	1
131.	Freightliner M2-106	1
132.	4x2	1
133.	121 Clear CA (Round To Next Whole Number)	1
134.	Regular Cab	1
135.	Chassis Cab	1
136.	Cummins B6.7	1
137.	300 HP Engine Rating	1
138.	Allison 3500 RDS Automatic Transmission (Left and Right Side PTO Openings Only)	1
139.	GVWR 33,000 LBS	1
140.	14,600 LBS Front GAWR	1
141.	21,000 LBS Rear GAWR	1
142.	Air Brakes	1
143.	Park Brake In Rear Wheels	1
144.	016-1C3 - Freightliner Horizontal Exhaust (Right-Horizontal-Under Cab-Horizontal)	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
145.	Freightliner - Clear Area Around Allison PTO Openings (362-1Y0) and (363-011)	1
146.	Freightliner - Radiator (950 Square Inch) for ISB/B.7 or DD8.1 (SS) (266-078)	1
147.	Freightliner - Rear Cab Crossmember Flush With Back Of Cab (561-010)	1
148.	Freightliner PTO Throttle Wiring for Automatic Transmission (163-004) (148-074) (87L-003)	1
149.	Freightliner Transmission Dipstick Relocated to RH Side of Transmission (346-013)	1
150.	Freightliner/Allison Body Builder Connection (34C-001)	1
151.	No Prewire Chassis	1
152.	No Idle Engine Shut-Down Required	1
153.	50-State Emissions	1
154.	Clean Idle Certification	1
155.	204-215 Freightliner 50 Gallon Fuel Tank (Left Hand Under Cab)	1
156.	23U-001, 43X-002 Freightliner 6 Gallon DEF Tank (Under Cab Left Hand)	1
157.	Chassis Without Front Frame Extensions	1
158.	Battery Under Cab Left Hand	1
159.	Air Horn Under Cab	1
160.	AM/FM Radio	1
161.	Trailer Air Brake Package	1
162.	Vinyl Split Bench Seat	1
163.	Air Ride Drivers Seat	1

**Additional Pricing**

164.	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
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Altec Industries, Inc.

Unit/Body/Chassis/Delivery: 231,002.00

BY \_\_\_\_\_

Jeff Atkins

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**Notes:**

**Additional Options, Included in Price**

- 4 corner LED strobe kit, 2 in front grille, 2 in light channel at rear
- 2400 watt pure sine wave inverter installed in the bottom of the 1st vertical CS
- Copper U shaped ground lugs installed at CS front and rear of truck
- 2 LED Go-Light, 1 installed on center of hood on bracket, 1 installed on CS boom rest out board of CS amber LED strobe
- 3 LED work lights, 1 installed on boom rest facing rear to illuminate cargo area, 2 installed underslung facing rear to illuminate behind truck
- Altec standard back up camera
- Pole puller and bracket mounted on CS front outrigger
- Vise, receiver type vise bracket, and square tube receiver for vise installed on CS frame rail at rear of truck