



Reverse Auction Bid Tabulation City of Tupelo, Mississippi

2026-031WL Digger Derrick, Tracked Carrier, and Trailer

Reverse Auction Start Date / Time	Jul 21, 2026 10:00 AM US/Central
Reverse Auction End Date / Time	Jul 21, 2026 10:41 AM US/Central

LOW BID SUMMARY				
	Digger Derrick	Tracked Carrier	Trailer	TOTAL
FINAL BID PRICE				
Altec Industries	\$135,582.00	\$90,388.00	\$21,000.00	\$246,970.00
S.D.P. Manufacturing	\$200,000.00	\$160,938.41	\$21,849.50	\$382,787.91
DELIVERY LEAD TIME				
Altec Industries	August 31, 2026	August 31, 2026	August 31, 2026	
S.D.P. Manufacturing	120 Days	300 Days	120 Days	

FULL BID HISTORY		
Digger Derrick- Full Bid History		
Company	Bid Amount	Bidding Date / Time
S.D.P. Manufacturing	\$ 200,000.00	Jul 21, 2026 10:36:27 AM
S.D.P. Manufacturing	\$ 200,904.00	Jul 21, 2026 10:34:59 AM
S.D.P. Manufacturing	\$ 210,904.00	Jul 21, 2026 10:32:46 AM
S.D.P. Manufacturing	\$ 215,904.00	Jul 21, 2026 10:32:14 AM
S.D.P. Manufacturing	\$ 220,904.00	Jul 21, 2026 10:31:20 AM
S.D.P. Manufacturing	\$ 230,904.00	Jul 21, 2026 10:30:36 AM
S.D.P. Manufacturing	\$ 235,904.00	Jul 21, 2026 10:29:42 AM
S.D.P. Manufacturing	\$ 245,904.00	Jul 21, 2026 10:28:18 AM
S.D.P. Manufacturing	\$ 250,904.00	Jul 21, 2026 10:24:41 AM
S.D.P. Manufacturing	\$ 255,904.00	Jul 21, 2026 10:18:41 AM
S.D.P. Manufacturing	\$ 260,904.00	Jul 21, 2026 10:17:36 AM
S.D.P. Manufacturing	\$ 265,904.04	Jul 21, 2026 10:04:02 AM
Altec Industries	\$ 135,582.00	Jul 21, 2026 09:54:39 AM
S.D.P. Manufacturing	\$ 268,904.04	Jul 21, 2026 09:08:56 AM

Tracked Carrier- Full Bid History		
Company	Bid Amount	Bidding Date / Time
Altec Industries	\$ 90,388.00	Jul 21, 2026 09:54:39 AM
S.D.P. Manufacturing	\$ 160,938.41	Jul 21, 2026 10:29:42 AM
S.D.P. Manufacturing	\$ 165,938.41	Jul 21, 2026 10:28:18 AM
S.D.P. Manufacturing	\$ 170,938.41	Jul 21, 2026 10:24:41 AM
S.D.P. Manufacturing	\$ 175,938.41	Jul 21, 2026 10:18:41 AM
S.D.P. Manufacturing	\$ 180,938.41	Jul 21, 2026 10:17:36 AM
S.D.P. Manufacturing	\$ 185,938.41	Jul 21, 2026 10:04:02 AM
S.D.P. Manufacturing	\$ 190,938.41	Jul 21, 2026 09:08:57 AM
Trailer- Full Bid History		
Company	Bid Amount	Bidding Date / Time
Altec Industries	\$ 21,000.00	Jul 21, 2026 10:33:35 AM
S.D.P. Manufacturing	\$ 21,849.50	Jul 21, 2026 10:30:36 AM
Altec Industries	\$ 22,000.00	Jul 21, 2026 10:33:24 AM
Altec Industries	\$ 22,500.00	Jul 21, 2026 10:33:04 AM
Altec Industries	\$ 23,000.00	Jul 21, 2026 10:32:22 AM
Altec Industries	\$ 23,100.00	Jul 21, 2026 10:32:16 AM
Altec Industries	\$ 23,150.00	Jul 21, 2026 10:32:08 AM
Altec Industries	\$ 23,200.00	Jul 21, 2026 10:31:56 AM
Altec Industries	\$ 23,250.00	Jul 21, 2026 10:31:40 AM
Altec Industries	\$ 23,500.00	Jul 21, 2026 10:28:24 AM
S.D.P. Manufacturing	\$ 23,849.50	Jul 21, 2026 10:24:41 AM
Altec Industries	\$ 24,000.00	Jul 21, 2026 10:27:48 AM
Altec Industries	\$ 24,200.00	Jul 21, 2026 10:27:40 AM
Altec Industries	\$ 24,250.00	Jul 21, 2026 10:27:34 AM
Altec Industries	\$ 24,500.00	Jul 21, 2026 09:54:39 AM
S.D.P. Manufacturing	\$ 25,849.50	Jul 21, 2026 10:04:02 AM
S.D.P. Manufacturing	\$ 28,849.50	Jul 21, 2026 09:08:57 AM

**REQUEST FOR
Unpriced Technical Proposals
To provide**

**2026 Hydraulic Derrick, Tracked Carrier and Trailer
(Equal or equivalent to an Altec Model DB41B, Altec
Model CT14 and Brooks Brother CSL 202-12KE Trailer)
Bid # 2026-031WL**

A Reverse Auction for The City of Tupelo, Mississippi



BID MANAGEMENT CONTACT:
PH Bidding Group bids@phbidding.com 662-407-0195



Publication Dates: June 23, 2026, and June 30, 2026
Un-Priced Responses Due: July 14, 2026, at 2:00 PM
Reverse Auction: July 21, 2026, at 10:00 AM

ADVERTISEMENT FOR PROPOSALS

The City of Tupelo will receive unpriced technical proposals from equipment dealers for:

**2026 Hydraulic Derrick, Tracked Carrier and Traller
(Equal or equivalent to an Altec Model DB41B, Altec Model CT14
and Brooks Brother CSL 202-12KE Trailer)
Bid # 2026-031WL**

The deadline for receipt of unpriced technical proposals is **July 14, 2026, at 2:00 PM**, local time. Unpriced proposals, including the Specification Response Form and all other documents, shall be submitted electronically at www.tupelomsbids.com.

Pursuant to MS Code 31-7-13 and House Bill 1109, this commodity will be procured through a multi- step procurement process, including a Reverse Auction. In Phase One, unpriced technical proposals are evaluated for potential acceptability based upon pre-determined criteria. In Phase Two, only those bidders whose technical proposals are determined to be acceptable shall be invited to provide priced bids for consideration. The City of Tupelo encourages vendor participation in this multi-step process. Complete instructions are provided in the specifications package.

Specifications and detailed instructions regarding the bid process may be obtained by visiting the website www.tupelomsbids.com. Specification response forms, along with all other required information detailed in the bid instructions, should be submitted no later than **2:00 PM on July 14, 2026**, per the detailed bid instructions. Unpriced Specification Response submissions will be evaluated, and vendors meeting the required specifications will be invited to participate in the **Electronic Reverse Auction process on July 21, 2026, at 10:00 AM**. The City of Tupelo reserves the right to extend the auction date if necessary, to complete the pre-qualification process. Pricing will only be accepted from qualified bidders during the reverse auction process. For questions related to the electronic bidding process, please call PH Bidding Group at 662-407-0195.

The City of Tupelo is an equal opportunity employer and hereby notifies all bidders that it will affirmatively ensure that, in any contract entered unto pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability or national origin in consideration for an award.

The City of Tupelo reserves the right to reject any and or all bids, waive technicalities, informalities or irregularities in the bids received, solicit new bids or to choose that bid which is deemed to be in the best interest of the City of Tupelo.

**Kim Hanna
City Clerk of the City of Tupelo**

Publishing Dates: June 23, 2026, and June 30, 2026

INFORMATION FOR BIDDERS

**2026 Hydraulic Derrick, Tracked Carrier and Trailer (Equal or equivalent to an Altec Model DB41B, Altec Model CT14, and Brooks Brother CSL 202-12KE Traller)
Bid # 2026-031WL**

II. BID PROCESS

THIS IS A MULTI-STEP PROCUREMENT PROJECT TO BE COMPLETED IN TWO SEPARATE PHASES.

PHASE ONE is the solicitation and receipt of unpriced technical proposals for consideration. Deadline for receipt of technical proposals is **July 14, 2026, at 2:00 PM CT.**

PHASE TWO is the Reverse Auction Event in which bidders will provide priced bids for the items requested, based upon their approved technical proposal. If your unpriced technical proposal is approved as acceptable, you will be invited to enter the Reverse Auction Event and assigned a username and password for access to the online bidding site by PH Bidding Group. PH Bidding Group can be contacted at www.tupelomsbids.com or by calling 662-407-0195. The reverse auction will begin on **July 21, 2026, at 10:00 AM CT.**

III. QUESTIONS

Failure to examine any specifications and instructions will be at the bidder's risk. All procedural and technical questions, or if the attached specifications are incomplete, not clear, or not standardized, shall be made in writing and addressed to the following.

General questions regarding this request should be directed to Kim Hanna, City Clerk at the City of Tupelo, 71 East Troy Street, Tupelo, MS 38804. The phone number is 662-841- 6502 Ext: 108. Email: kim.hanna@tupeloms.gov

For questions concerning the technical specifications, prospective bidders may contact Johnny Timmons at the City of Tupelo Water & Light Department at 662-841-6460 or Johnny.Timmons@tupeloms.gov

For questions related to the electronic bidding process, please call PH Bidding Group at 662- 407- 0195 or bids@phbidding.com.

No oral explanations by any member of the City staff will be binding. Receipt of addenda must be acknowledged in writing. Submitting vendors shall be responsible for ensuring that they have received any and all addenda.

IV. SUBMISSION OF UNPRICED TECHNICAL PROPOSALS

Each prospective bidder shall submit an unpriced technical proposal, together with all documentation required under the Instructions to Bidders, in order to be eligible for consideration, invitation to the Reverse Auction, and potential award. Proposals must be complete at the time of submission.

Unpriced technical proposals may be opened at any time after receipt. Upon opening, proposals shall be deemed under advisement. The City of Tupelo reserves the right, at its sole discretion, to conduct written and/or oral discussions with any bidder during the evaluation process.

Only those bidders determined to be responsive and responsible through this multi-step evaluation process shall be eligible to receive an invitation to participate in the Reverse Auction. Instructions governing the Reverse Auction and the submission of priced bids will be provided solely to those bidders selected for invitation.

The City of Tupelo expressly reserves the right to:

- a) Determine the responsiveness of any proposal;
- b) Waive minor informalities or irregularities in the proposals or the submission process;
- c) Reject any or all proposals in whole or in part; and

- d) Invite priced bids only from those bidders deemed most advantageous to the City, all in accordance with applicable law and in the best interest of the City of Tupelo.

Submission of a proposal shall constitute acknowledgment that the bidder has thoroughly reviewed, understands, and accepts all specifications, terms, and conditions as written, and agrees to comply therewith. Proposal modifications, alterations, or corrections received after the stated submission deadline shall not be considered under any circumstances.

All proposals shall remain valid and binding for a minimum period of **sixty (60) calendar days** following the opening date. The City of Tupelo is a **tax-exempt governmental entity**.

Each unpriced technical proposal must be signed by an owner, corporate officer, or other duly authorized representative of the bidding entity. It is the sole responsibility of the bidder to ensure that all required documents are fully completed and received prior to the deadline. **Late or incomplete submissions shall be rejected without consideration.**

Bidders selected to proceed to the Reverse Auction phase will receive a formal invitation, including comprehensive instructions for participation and submission of priced bids.

V. INSTRUCTIONS FOR ELECTRONIC SUBMISSIONS

To submit an unpriced proposal electronically, log in at www.tupelomsbids.com and follow the steps below.

Step 1 – Prepare Your File

- a) Scan and compile all required documentation into **one (1) PDF file**.
- b) Ensure you have signed the PH Bidding Supplier Agreement.

Step 2 – Access the Bid

- a) Log in to www.tupelomsbids.com.
- b) From the left menu, select **“Public Bids.”**
- c) Click on the **appropriate bid** for which you intend to submit a proposal.

Step 3 – Submit Your Proposal

- a) Click the **“Submit Bid”** tab.
- b) Complete your **profile information**, or verify that the auto-populated information is accurate.
- c) Under **“PDF Attachments,”** upload your proposal by either:
 - a. Dragging and dropping the PDF file into the upload box, **or**
 - b. Clicking the link in the upload box to browse for your file.
 - c. Ensure you have included the (Signed) PH Bidding Supplier Agreement
- d) Under **“Review and Verify,”** check the box to confirm your agreement to the terms and conditions.
- e) Click **“Submit”** to complete your response.
- f) A **confirmation notice** will be sent upon successful submission.
 - a. If you do **not** receive confirmation, your submission was **not** received.
 - b. For verification, contact bids@phbidding.com or call **662-407-0195**.

Step 4 – After Submission

- a) Once the solicitation period closes, the **City of Tupelo** will review all submissions.
- b) All approved vendors will be invited to participate in the **reverse auction**.

Step 5 – Redactions

- a) You may **redact or withdraw** your submission at any time prior to the bid opening.

Required Documents Checklist

Your proposal must include the following:

1. **Submission Cover Letter (Form A)**
2. **Completed Response Form (Form B)**
3. **Product Brochures**
4. **Warranty Information**
5. **Signed PH Bidding Supplier Agreement**
6. **Any additional information you wish the City of Tupelo to consider**

VI. REVERSE AUCTION

Vendors submitting their unpriced proposals before the bid deadline and meeting the minimum specifications will be invited to participate in the Online Reverse Auction. The reverse auction will begin on **July 21, 2026, at 10:00 AM CT**. Full instructions regarding registering for the reverse auction will be included in the invitation.

The Online Reverse Auction is an auction event in which bidders submit pricing in a decreasing manner. In the City of Tupelo Reverse Auctions, all bidders will be able to see their ranking in the bid process and will have the opportunity to lower their bid as often as they see fit. Vendors cannot see other vendors' bid amounts.

There is no advantage for a bidder to wait until near closing time of the auction to place a bid. Any bid placed during the last 5 minutes of the bidding time window will cause an automatic 5-minute extension of time. Each additional bid after that will cause another 5-minute extension and will continue until 5 minutes have gone by without a bid. At that point, the system will shut down and the auction will end.

More information regarding the live Reverse Auction event will be provided in the invitation to participate.

FORM A

Submission Cover Letter for Unpriced Technical Proposals

**2026 Hydraulic Derrick, Tracked Carrier and Trailer
(Equal or equivalent to an Altec Model DB41B, Altec Model CT14
And Brooks Brother CSL 202-12KE Trailer)
Bid # 2026-031WL**

The undersigned proposes to provide equipment as per the specifications provided by the City of Tupelo and the subsequent proposal from the bidder named below:

If, after reviewing all vendor submissions, the City of Tupelo decides to invite, Altec Industries Inc. (your company name) to submit priced bids, we agree to participate in the reverse auction, which will take place on **July 21, 2026, at 10:00 AM**. We understand that detailed instructions regarding the reverse auction process will be emailed to all approved vendors.

It is understood that we have only one opportunity to submit an unpriced technical proposal. We affirm that we have read and understood this request for unpriced technical proposals and understand that Phase Two must be completed before the items are awarded. We understand that any missing information or documents required by the BID may be cause for rejection of the proposal.

We acknowledge that the City of Tupelo has the sole discretion and authority to determine whether our proposed commodity meets the specifications issued and if it will meet the requirements and needs of the City of Tupelo. We understand that the City of Tupelo may or may not invite our participation in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement.

We agree to abide by the terms and conditions of the PH Bidding Group Supplier agreement and understand that any questions regarding the agreement or the bid process should be directed to 662-407-0195 or bids@phbidding.com

If we are invited by the City of Tupelo to participate in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement, the invitation should be directed to:

Printed Name Tyler Shell

Title Account Manager

Company Name Altec Industries Inc.

Email tyler.shell@altec.com

Phone (601) 540-4136

FORM B

SPECIFICATION RESPONSE FORM

2026 Hydraulic Derrick, Tracked Carrier, and Trailer
(Equal or equivalent to an Altec Model DB41B, Altec Model CT14
And Brooks Brother CSL 202-12KE Trailer)
Bld No. 2026-031WL

The undersigned proposes to furnish a 2026 Hydraulic Derrick, Tracked Carrier and Trailer (equal or equivalent to an Altec Model DB41B, Altec Model CT14 and Brooks Brother CSL 202-12KE Trailer), which meets the specifications provided. The undersigned certifies that the minimum specifications, terms, and conditions contained in this BID have been considered and understood. By submitting a response, I/We do certify that the commodities offered do meet the specifications contained in this Invitation to Bid.

Please check '✓' each line item – confirming specifications listed will be met.

Item 1	Hydraulic Derrick Specifications (Equal or equivalent to an Altec Model DB41B)	Acknowledge		Variance
		Yes	No	
1.1	Maximum sheave height of 40.8 feet (without optional jib) and 48.6 feet (with optional jib), maximum horizontal reach of 33.5 feet.	X		
1.2	Minimum digging radius of 12.5 feet, maximum digging radius of 21.7 feet.	X		
1.3	Boom articulation of -5 degrees below horizontal to 80 degrees above horizontal.	X		
1.4	Lift capacity at 15 feet load radius of 3,630 pounds. Maximum lift capacity of 6,000 pounds.	X		
1.5	Fiberglass upper boom with hydraulic extension.	X		
1.6	Steel boom tip with removable steel pole flares. Boom tip shall have provision for removable pole guides and platform attachment.	X		
1.7	Winch, mounted at turntable – 6,000 pound working capacity (includes cable guides).	X		
1.8	Two-part load line attachment on boom tip.	X		
1.9	Continuous rotation powered by a planetary gear drive.	X		
1.10	Standard/Low Speed Selector to allow operator to select standard or low speed operation of the derrick. When in standard mode, each function shall operate at normal speeds. When in low speed, the maximum operational speed of each function shall be slower providing finer feathering capability. This function shall be separate from engine throttle control.	X		
1.11	Outrigger/boom interlock system to prevent operation of unit until all outriggers are lowered.	X		
1.12	Five (5) function Hydraulic Overload Protection (HOP) system operates from lower control station and radio remote. Visible load indicator gauge at operators platform.	X		
1.13	Hydraulic Side Load Protection to allow the derrick to rotate towards load if excessive side load is present.	X		
1.14	Boom stow protection system to detect when the boom is lowered into the stow and prevent damage from excessive stowing force.	X		

1.15	Electric-over-hydraulic closed-center hydraulic system with variable displacement piston pump and proportional electronic operator controls with superior metering and feathering characteristics.	X		
1.16	Tool circuit above rotation: adjustable flow up to 5 GPM @ 2,000 psi.	X		
1.17	Maximum hydraulic system pressure of 3,000 psi.	X		
1.18	Insulated, 46 kV and below.	X		
1.19	Digger derrick shall conform to ANSI A10.31-2013.	X		
1.20	ANSI Z535 Safety and Instructional Signs shall be installed.	X		
1.21	Operator's and Maintenance/Parts Manual shall be provided.	X		
1.22	Combined use – Platform and Material Handling.	X		
1.23	Radio Remote Control Layout: Counter-Clockwise, push lever to right shall rotate boom Counter-Clockwise.	X		
1.24	Turntable mounted winch.	X		
1.25	Digger function, two speed, fully proportional, 8,000 ft-lbs (10,847 N-m) – with hydraulic auger release and auger stow protection located curbside. Shall include all of the components necessary to operate digger (installed).	X		
1.26	Stowage bracket for platform shall be located on transport trailer.	X		
1.27	Platform shall be Fiberglass, pin-on, 24 x 24 x 40 nominal. Shall include interior/exterior platform access step and mounting bracket. 350 pound platform capacity, and provides up to 44 foot working height. (Note: May require radio remote controls and docking station.)	X		
1.28	Platform cover shall be soft vinyl, 24 x 24 inches (610 x 610 mm).	X		
1.29	Platform liner for single, one-man, side mounted fiberglass platform (24 x 24 x 40). 50 kV.	X		
1.30	Dirt auger shall be 18 inches in diameter, 80 inches in length with 2-1.2 inch hex, single flight (painted black).	X		
1.31	Hydraulic tilting pole guides with hydraulic open and close.	X		
1.32	Winch rope for turntable winch.	X		
1.33	No Derrick Tong Protectors.	X		
1.34	Swivel hook/downhaul weight, 5 ton capacity.	X		
1.35	Two-part load line kit for turntable winch, shall include snatch block and clevis.	X		
1.36	Radio remote with controls for derrick functions and track drive operation. Shall have the ability to be used as upper controls when installed in platform docking station, which activates controller interlocks.	X		
1.37	Platform docking station for radio controls.	X		
1.38	Shall use HVI-22 Hydraulic Oil (standard).	X		
1.39	Safety Harness and 4.5 Foot Lanyard (Medium to X-Large).	X		
1.40	Five-LB Fire Extinguisher with Light Duty Bracket and Placard (Shipped Loose).	X		
1.41	Triangular Reflector Kit (Shipped Loose).	X		
1.42	Vinyl manual pouch for storage of all operator and parts manuals.	X		
1.43	Outrigger Interlock System to be installed.	X		

1.44	Color: Powder Coat White	X		
1.45	Non-Skid Coating to be applied to all walking surfaces.	X		
1.46	Safety and Instructional Decals to be applied (English).	X		
1.47	A dielectric test shall be performed according to ANSI requirements (Completed test form shall be included in Manual Pouch).	X		
1.48	A stability test shall be performed according to ANSI requirements (Completed test form shall be included in Manual Pouch).	X		
1.49	As Built Electrical and Hydraulic Schematics shall be included in the Manual Pouch.	X		
1.50	Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty.	X		
1.51	Optional Extended Warranty: Travel, Labor, Material and Expense, 5-Year Total (4-Year extended).	X		
Item	Warranty	Acknowledge		Variance
		Yes	No	
1.52	State Warranty Details Below: <u>Standard Warranty</u> - one (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty. Extended Warranty optional for additional cost.	X		

Item 2	Tracked Carrier Specifications (Equal or equivalent to an Altec Model CT14)	Acknowledge		Variance
		Yes	No	
2.1	Track driven carrier with retractable tracks and 2-speed hydraulic piston motors.	X		
2.2	Pendant drive controls with proportional, independent drive controls for each track, track extend/retract, hi/low speed, and emergency stop.	X		
2.3	Engine start/stop from radio controls and at lower controls.	X		
2.4	Tracks shall have a minimum spread of 35-inches and maximum spread of 46.5-inches.	X		
2.5	Maximum drive slopes while tracks are extended shall be 15 degrees side to side and 15 degrees front to back. Maximum drive slopes while tracks are retracted shall be 5 degrees side to side and 15 degrees front to back.	X		
2.6	Cargo Platform – Maximum weight capacity shall be 2,350 pounds.	X		
2.7	Pole carrying provision shall be: one D ring installed on each outrigger leg (2,350 pound pole capacity).	X		
2.8	Retractable outrigger legs shall allow for a lowered overall height of 7-feet 1-inch.	X		
2.9	Outrigger motion alarm to provide audible alarm when any of the outriggers are being hydraulically actuated.	X		
2.10	Hydraulic oil reservoir shall be 17-gallon capacity.	X		
2.11	Fuel tank shall be 12-gallon capacity.	X		
2.12	Hydraulic oil cooler shall have a temperature switch for automatic fan operation.	X		
2.13	Tool circuit below rotation to provide two-way, adjustable flow up to 8 GPM @ 2,000 psi.	X		
2.14	Black tracks with standard thread.	X		
2.15	49.6 HP naturally aspirated gasoline engine with electronic engine display and throttle control and direct drive pump to provide 28 GPM of hydraulic power for carrier and derrick operation.	X		
2.16	Color: Powder Coat White	X		
Item	Warranty	Acknowledge		Variance
		Yes	No	
2.17	State Warranty Details Below: <u>Standard Warranty</u> - one (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty. Extended warranty optional for additional cost.	X		

Item 3	Trailer Specifications (Equal or equivalent to a Brooks Brother CSL 202-12KE)	Acknowledge		Variance
		Yes	No	
3.1	24,000 LB GVWR, Steel, Tandem Axle Trailer	X		
3.2	Full powder-coated black paint	X		
3.3	2 x 6 Treated wood floor	X		
3.4	8-Inch Channel frame	X		
3.5	102-Inch Overall Width, 67-Inch Bed Width, 20-Foot Deck Length and 24-Inch dovetail with traction grips	X		
3.6	54-Inches Long x 18-Inches Wide, Self Supporting Ramps with Spring Assist, Non-Adjustable width	X		
3.7	23-Inch Deck Height	X		
3.8	70-Inch Tongue Length	X		
3.9	12,000 LB Tandem Dexter Torsion Axles	X		
3.10	Four (4) Tires, 235/75/R17.5 LRH	X		
3.11	One (1) Spare Tire/Wheel Assembly mounted to trailer curbside behind the fender	X		
3.12	3/8-Inch Galvanized Safety Chains	X		
3.13	12,000 LB Drop Leg Jack	X		
3.14	Electric Brakes with break-away	X		
3.15	Enclosed electrical wiring, LED lighting and 7-Way round electric plug wired to SAE standards	X		
3.16	Flat mounting plate with multiple hole position for pintle adjustment, 3-Inch pintle eye	X		
3.17	Front tongue mount aluminum toolbox with locking latch	X		
3.18	Four (4) 5/8-Inch tie down D-rings	X		
3.19	Outrigger pad and wheel chock holders	X		
3.20	Trailer accessories to include unit positioning sight rods and applicable accessory mounting brackets.	X		
3.21	Wheel Chocks shall be rubber, 9.75" L x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair),	X		
3.22	Outrigger pads shall be a set of four (4), wood, 18" x 18" x 3".	X		
Item	Warranty	Acknowledge		Variance
		Yes	No	
3.23	State Warranty Details Below: Brooks Brother CSL 202-12KE Warranty is serviced by Brooks Brother directly.	X		

BIDDER INFORMATION

Company: Altec Industries Inc.

Physical Address: 33 Inverness Center Pkwy, Birmingham, AL 35242

Billing Address: 33 Inverness Center Pkwy, Birmingham, AL 35242

Phone: (601) 540-4136

Email: tyler.shell@altec.com

Authorized Agent Name: Tyler Shell

Title: Account Manager

Signature: Tyler Shell

BIDDER ACKNOWLEDGES receipt of the following ADDENDA (if issued):

NUMBER: _____ DATE: _____

NUMBER: _____ DATE: _____

NUMBER: _____ DATE: _____

If you will require technical assistance for the submission of the specification response or the reverse auction process, this will require you to contact PH Bidding Group at either 662-407-0195 or bids@phbidding.com at least one day prior to the specification response deadline or the reverse auction date.

December 2, 2025
Our 96th Year**Ship To:**CITY OF TUPELO (MS)
655 RUTHERFORD RD
TUPELO, MS 38801
US**Bill To:**CITY OF TUPELO (MS)
655 RUTHERFORD RD
TUPELO, MS 38801
United StatesAttn: JOHNNY TIMMONS
Phone: 662-8718350
Email: johnny.timmons@tupeloms.gov**Altec Quotation Number:** 1931147 - 1
Account Manager: Tyler Shell
Technical Sales Rep: Jesse C Boyd

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	Altec model DB41B hydraulic derrick, designed for mounting on a tracked carrier with a turntable winch, built in accordance with Altec's standard specifications and to include the following features: A. Maximum sheave height is 40.8 feet (without optional jib), and 48.6 feet (with optional jib), maximum horizontal reach is 33.5 feet. B. Minimum digging radius is 12.5 feet, maximum digging radius is 21.7 feet. C. Boom articulation is -5 degrees below horizontal to 80 degrees above horizontal. D. Lift capacity at 15 feet load radius is 3,630 pounds. Maximum lift capacity is 6,000 pounds. E. Fiberglass upper boom with hydraulic extension. F. Steel boom tip with removable steel pole flares. Boom tip has provision for removable pole guides and platform attachment. G. Winch, mounted at turntable - 6,000 pound working capacity (includes cable guides). H. Two-part load line attachment on boom tip. I. Continuous rotation powered by a planetary gear drive J. Standard/Low Speed Selector allows operator to select standard or low speed operation of the derrick. 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. This function is separate from engine throttle control. K. Outrigger/boom interlock system, prevents operation of unit until all outriggers are lowered. L. Five (5) function Hydraulic Overload Protection (HOP) system operates from lower control station and radio remote. Visible load indicator gauge at operators platform. M. Hydraulic Side Load Protection allows the derrick to rotate towards load if excessive side load is present. N. Boom stow protection system that detects when the boom is lowered into the stow and prevents damage from excessive stowing force. O. Electric-over-hydraulic closed-center hydraulic system with variable displacement piston pump and proportional electronic operator controls with superior metering	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	and feathering characteristics.		
P.	Tool circuit above rotation: adjustable flow up to 5 GPM @ 2,000 psi.		
Q.	Maximum hydraulic system pressure of 3,000 psi.		
R.	Insulated, 46 kV and below.		
S.	Digger derrick conforms to ANSI A10.31-2013.		
U.	ANSI Z535 Safety and Instructional Signs, installed.		
V.	Manuals: Two (2) Operator's and Maintenance/Parts Manuals. One(1) in printed format and one(1) in electronic format available at connect.altec.com		
2.	Combined Use, Platform/Material Handling	1	
3.	Radio Remote Control Layout: COUNTER-CLOCKWISE, push lever to Right rotates boom Counter-Clockwise	1	
4.	Turntable Mounted Winch	1	
5.	Digger function, two speed, fully proportional, 8,000 ft-lbs (10,847 N-m) - with hydraulic auger release and auger stow protection located curbside. Includes all of the components necessary to operate digger (installed).	1	
<u>Unit & Hydraulic Acc.</u>			
6.	Stowage bracket for platform located on transport trailer.	1	
7.	Platform - Fiberglass, pin-on, 24 x 24 x 40 nominal. Includes interior/exterior platform access step and mounting bracket. 350 pound platform capacity, and provides up to 44 foot working height. (Note: Requires radio remote controls and docking station).	1	
8.	Platform cover - Soft vinyl, 24 x 24 inches (610 x 610 mm).	1	
9.	Platform liner - for single, one-man, side mounted fiberglass platform (24 x 24 x 40). 50kV.	1	
10.	Dirt auger, 18 inch diameter, 80 inches in length, 2-1/2 inch hex, single flight (painted black)	1	
11.	Hydraulic tilting pole guides with hydraulic open and close.	1	
12.	Winch Rope For Turntable Winch	1	
13.	No Derrick Tong Protectors	1	
14.	Swivel hook/downhaul weight, 5 ton capacity.	1	
15.	Two-part load line kit for turntable winch, includes snatch block and clevis.	1	
16.	Hectronic radio remote with controls for derrick functions and track drive operation. Can be used as upper controls when installed in platform docking station, which activates controller interlocks.	1	
17.	Platform Docking Station for Radio Controls	1	
18.	HVI-22 Hydraulic Oil (Standard).	20	

Body and Chassis Accessories

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
19.	24,000 lb GVWR Trailer, Steel, Tandem Axle Trailer, Brooks Brother CSL 202-12KE, to Include: A. Full powder coat black paint B. 2 x 6 treated wood floor C. 8 Inch Channel Frame D. 102 Inch Overall Width, 67 Inch Bed Width, 20 Ft Deck Length and 24 Inch dovetail with traction grips E. 54 Inch L x 18 Inch W, Self-Supporting Ramps with Spring Assist. Non-Adjustable width F. 23 Inch Deck Height G. 70 Inch Tongue Length H. 12,000 Lb Tandem Dexter Torsion Axles I. Four (4) Tires, 235/75/R17.5 LRH J. One (1) Spare Tire/Wheel Assembly mounted to trailer curbside behind the fender K. 3/8 Inch Galvanized Safety Chains L. 12,000 Lb Drop Leg Jack M. Electric Brakes with break-a-way N. Enclosed electrical wiring, LED lighting and 7-Way round electric plug wired to SAE standards O. Flat mounting plate with multiple hole position for pintle adjustment, 3 Inch pintle eye P. Front tongue mount aluminum tool box with locking latch Q. Four (4) 5/8 Inch tie down D-rings R. Outrigger pad and wheel chock holders	1	
20.	Trailer accessory installation which includes unit positioning sight rods and applicable accessory mounting brackets.	1	
21.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1	
22.	Outrigger pads - set of four (4), wood, 18" x 18" x 3".	1	
23.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1	
24.	5 LB Fire Extinguisher With Light Duty Bracket And Placard, Shipped Loose	1	
25.	Triangular Reflector Kit, Shipped Loose	1	
26.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<u>Electrical Accessories</u>			
27.	Install Outrigger Interlock System	1	
<u>Finishing Details</u>			
28.	Powder Coat Unit Altec White	1	
29.	Apply Non-Skid Coating to all walking surfaces	1	
30.	English Safety And Instructional Decals	1	

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
31.	Dielectric test unit according to ANSI requirements.	1	
32.	Stability test unit according to ANSI requirements.	1	
33.	Completed Test Forms To Be Included In The Manual Pouch	1	
	A. Stability Test Form		
	B. Dielectric Test Form (For Insulating Units)		
34.	Focus Factory Build	1	
35.	Delivery Of Completed Unit	1	
36.	As Built Electrical And Hydraulic Schematics To Be Included In The Manual Pouch	1	
37.	Installation - DB41B	1	
38.	Stock Unit	1	

Additional Pricing

39.	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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Carrier and Accessories

40.	Altec model CT14 track driven carrier with retractable tracks and 2 speed hydraulic piston motors, built in accordance with Altec's standard specifications and to include the following features:	1	
	A. Pendant drive controls with proportional, independent drive controls for each track, track extend/retract, hi/low speed, and emergency stop.		
	B. Engine start/stop from radio controls and at lower controls.		
	C. Tracks have a minimum spread of 35 inches and maximum spread of 46.5 inches.		
	D. Maximum drive slopes while tracks are extended are 15 degrees side to side and 15 degrees front to back. Maximum drive slopes while tracks are retracted are 5 degrees side to side and 15 degrees front to back.		
	E. Cargo Platform - Maximum weight capacity of 2,350 pounds.		
	F. Pole carrying provisions: one D ring installed on each outrigger leg (2,350 pound pole capacity).		
	G. Retractable outrigger legs allow for a lowered overall height of 7 feet 1 inch.		
	H. Outrigger motion alarm: Provides audible alarm when any of the outriggers are being hydraulically actuated.		
	I. Hydraulic oil reservoir, 17 gallon capacity.		
	J. Fuel tank with 12 gallon capacity.		
	K. Hydraulic oil cooler with temperature switch for automatic fan operation.		
	L. Tool circuit below rotation: two way, adjustable flow up to 8 GPM @ 2,000 psi.		
41.	Black tracks, standard tread.	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
42.	49.6 hp naturally aspirated gasoline engine with electronic engine display and throttle control and direct drive pump provide 28 GPM of hydraulic power for carrier and derrick operation.	1	

Unit / Body / Chassis Total
Additional Total
FET Total
Total

Optional Ext Warranty, Travel, Labor, Material and Expense, 5 Year Total (4 Year Extended), Category 3

Total if optional warranty is included

Altec Industries, Inc.

BY

Jesse C Boyd

Notes:

1 Altec will make every effort to honor this quotation, subject to the following provisions. Prices for equipment with production start dates 12 months and beyond are budgetary only due to irregular cost inflation and market volatility. These prices will be reviewed based on market conditions and confirmed closer to the production date.

For a quoted chassis model year beyond the current open order bank, chassis model year, specifications and price should be considered estimates only and subject to change. Chassis model year, specifications and price will be reviewed and confirmed when specific model year information becomes available from the OEM.

2 Estimated Delivery: 6-8 months after receipt of order PROVIDING:
A. Customer supplied chassis (if applicable) is received a minimum of sixty (60) days before scheduled delivery.
B. Customer approval drawings are returned by requested date.
C. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.
D. Customer expectations are accurately captured prior to major components being ordered (body, chassis) and line set date. Unexpected additions or changes made after this time or at a customer inspection will delay the delivery of the vehicle.

Estimated Delivery is based on information at time of quote and is subject to change.

Altec reserves the right to change suppliers in order to meet customer delivery requirements, unless specifically identified, by the customer, during the quote and or ordering process.

3 This quotation is valid until #EXPIRE_DATE#. After this date, please contact Altec Industries, Inc. for a possible extension.

- 4 F.O.B. - Destination
- 5 Interest charge of 1/2% per month to be added for late payment.
- 6 FINANCING AVAILABLE: Please contact Altec Capital at (888) 408-8148 or email finance@altec.com for more information.
- 7 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.
- 8 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.
- 9 Any payment made by a credit card may be subject to a surcharge fee.
- 10 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.
- Altec 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.
- Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts
- Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards
- 11 Altec Extended Warranty Option:
- An Altec Extended Warranty is an extension of Altec's Limited Warranty and protects you from the repair cost associated with defects of materials and workmanship after the standard Limited Warranty expires.
- Altec offers many types of coverages and coverage packages. Ask your Altec account manager for details. Quotes are available upon request.
- 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 Trade-in offer is conditional upon equipment being maintained to DOT (Department of Transportation) operating and safety standards and remaining in compliance of DOT until arrival at an Altec Facility. This will include, but is not limited to engine, tires, lights, brakes, glass, etc. All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with unit 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.

All reasonable and necessary expenses required of ALTEC Industries to execute transportation of the trade-in will be invoiced to the customer for payment if these conditions are not met to maintain DOT standards.

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 unless other arrangements have been made.

14 The final fully loaded weight of the truck and structural ratings of the hitch assembly may reduce the towing capacity and the vertical load capacity of the finished truck. These capacities may not match the ratings of the chassis or hitch.

15 Altec takes pride in offering solutions that provide a safer work environment for our customers. In an effort to focus on safety, we would encourage you to consider the following items:

Outrigger pads (When Applicable)
Fall Protection System
Fire extinguisher/DOT kit
Platform Liner (When Applicable)
Altec Sentry Training
Wheel Chocks

The aforementioned equipment can be offered in our new equipment quotations. If you find that any of these items have not been listed as priced options with an item number in the body of your quotation and are required by your company, we would encourage you to contact your Altec Account Manager and have an updated quote version sent to you. These options must be listed with an item number in the quotation for them to be supplied by Altec.

16 Altec values your data privacy. The Altec Family of Companies (including Altec, Inc., and its subsidiaries) may collect telematics data from the equipment you own. Please review Altec's Equipment Data Privacy Notice on www.altec.com for more information. By purchasing equipment from Altec, you consent to Altec's right to collect and use such data.

17 **RECOMMENDED OPTIONS AND ACCESSORIES:** These options are not included in the quote total price. Selected options will change the quote total. Any options added after initial order will be re-quoted.



MANUFACTURING, INC.

"The Easement Equipment Specialist"

400 Industrial Drive * Dunkirk, Indiana 47336 * TELEPHONE (765) 768-5000 * FAX (765) 768-5015
Email: Dru@sdpmfg.com * Web Site: <http://sdpmfg.com>

July 13, 2026

City of Tupelo
Tupelo, MS

Dear, Group

Thank you for inviting S.D.P. Manufacturing, Inc. to prepare and submit a bid for our 2026 Backyard Mini Digger Derrick (EZ Hauler 55MLP X, EZ Handler Aerial with trailers) we will be submitting our bid with a **Delivery of 240 days**. We would also like to make note that S.D.P. Manufacturing Inc. meets and or exceeds all features to the City of Tupelo bid # 2026-031WL. S.D.P. Manufacturing Inc. has been providing easement equipment for the Electric Utility Industry for over 30 years. The EZ Hauler has advanced through the years primarily with input from the end user. Some notable changes have been the fully hydraulic outriggers with 17 inches of penetration, hydraulic track drive and a wireless remote-control system. A new standard feature for safety is a track interlock system to ensure maximum unit stability while driving. The EZ Hauler 55M LPXT is the only easement machine on the market today to incorporate a true 360-degree full capacity work zone. With the above features and more the EZ Hauler 55MLP X is truly unparalleled in both safety and function.

Again, thanks for your interest in our EZ Hauler 55M LPXT

Sincerely,

Dru E. Hall
Executive Vice President

BIDDER INFORMATION

Company: S. D. P. Manufacturing INC.

Physical Address: 400 Industrial DRIVE

Billing Address: PO Box 44

Phone: 765-768-5000

Email: drv@sdpmfq.com

Authorized Agent Name: DRU E Hall

Title: V.P.

Signature: 

BIDDER ACKNOWLEDGES receipt of the following ADDENDA (if issued):

NUMBER: _____ DATE: _____

NUMBER: _____ DATE: _____

NUMBER: _____ DATE: _____

If you will require technical assistance for the submission of the specification response or the reverse auction process, this will require you to contact PH Bidding Group at either 662-407-0195 or bids@phbidding.com at least one day prior to the specification response deadline or the reverse auction date.

EZ HAULER 55M LPXT

1. General

- a. Hydraulic track drive with Auto 2spd.
- b. Skid steer.
- c. Hydraulically extended and tensioned tracks.
- d. 42-foot sheave height.
- e. Tier IV Final Turbocharged Yanmar Diesel.
- f. Tip Mounted transformer winch and jib available.
- g. Hydraulic Pole Claws
- h. 5500-lb. capacity.
- i. Meets or exceeds ANSI A92.2, A10.31 and SAE requirements.
- j. Meets 46kv Category C dielectric qualifications.
- k. Capable of 25 degree side to side and front to rear travel angle. *5 Degrees With Tracks Retracted.*

2. Dimensions

- a. Length
 - i. Overall, length including crane is 17 ft.
 - ii. Chassis length is 10 ft. 6 in.
 - iii. Length with outriggers fully extended is 13 ft. 6 in.
- b. Width
 - i. Overall, width with tracks extended is 55 in.
 - ii. Width without tracks extended 35.5 in. (chassis only)
 - iii. Width with outriggers fully extended is 11 ft. 9 in.
- c. Height
 - i. Overall, height including crane is 7 ft.
 - ii. Chassis height is 47 in.
 - iii. Height with outriggers fully extended is 62 in.
 - iv. Lifting height with crane fully elevated, fully extended and outriggers properly extended is 42 ft.

3. Capacity

- a. Chassis
 - i. Transport capacity is 2500lbs.
- b. Crane
 - i. Maximum lifting capacity is 5500lbs.

4. Engine (diesel)

- a. Specifications
 - i. Make
 - 1. Yanmar.
 - ii. Model 3TNV80FT
 - 1.
 - iii. Output (horsepower)
 - 1. 24.9 hp
 - iv. Type
 - 1. Vertical, 4-cycle water-cooled turbocharged diesel engine.

5. Fasteners
 - a. SAE grade eight or greater.
6. Finish coating.
 - a. Paint.
 - i. Two part polyurethane enamel type.
7. Chassis
 - a. Control panel
 - i. Designed for easy access and visibility.
 1. Identification decals.
 2. Oil pressure gauge.
 3. Hydraulic pressure gauge.
 4. Fuel gauge.
 5. Throttle control.
 6. Key switch.
 7. Engine temperature gauge.
 8. Engine R.P.M.
 - b. Frame
 - i. Constructed with a minimum of 1/4 in. steel.
 - ii. Incorporating one hydraulic reservoir.
 1. Containing a capacity of 22 gallons total of hydraulic fluid.
 - iii. Designed to support crane.
 - c. Outriggers: **Hydraulic**
 - i. Radial design with no manual extension sections,
Front outriggers are of radial / telescopic design.
 - ii. Integral holding valves (2 per cylinder)
 - iii. Will not operate during crane operation
 - iv. Meets or exceeds ANSI stability requirements
 - v. Full 360° work zone stability
 - vi. Will retract within 36"
- a. Drive System
 - i. Crawler tracks
 1. Rubber 12" wide.
 2. Five idler wheels each side.
 - ii. Track tension
 1. Hydraulic Automatic adjusted tension.
 - iii. Drive motors
 1. Integrated orbit hydraulic motor.
 2. Single stage planetary drive gear.
 3. Integrated mechanical parking brake.
 - iv. Width adjustment
 1. Two hydraulic cylinders each side.
 2. Two slide rails for support each side.
 - i. Drive control valve
 1. Single body with four spools.
 - a. Two spools for drive and steering.
 - b. Two spools for expanding and retracting crawler tracks.
 2. Parallel flow path.

- ii. Safety selector valve
 - 1. Push-pull type.
 - 2. Separates drive from crane operation.
 - iii. Filtration
 - 1. 10-micron spin-on return filter.
 - iv. Pump
 - 1. Cast Iron Gear pump.
 - 2. 12 gallons per minute at 3600 R.P.M
 - 8. Transport bed
 - a. Dimensions
 - i. Length
 - 1. 47 inches.
 - ii. Height
 - 1. 18.5 inches from ground.
 - iii. Width
 - 1. 35 inches.
 - b. Construction
 - i. Frame
 - 1. 1/4 inch steel minimum.
 - ii. Plating
 - 1. 1/8 inch
 - c. Deck
 - i. Coated with scratch resistance protection.
 - 9. Hitch
 - a. Two 2" square receivers front & back.
 - 10. Crane
 - a. Excessive Load Limiting System (ELLS)
 - i. Limit possible overload of crane if operated beyond safe recommendations.
 - 1. Functions controlled by ELLS.
 - a. Extension out.
 - b. Boom down.
 - c. Winch up.
 - 2. Functions to relieve ELLS.
 - a. Extension in.
 - b. Winch down.
 - b. Cylinder holding valves
 - i. Integral-mounted counter balance valve located in the base of cylinder.
 - 1. Prevents sudden cylinder collapse due to hose breakage or other component failure.
 - 2. Controls the maximum speed while retraction of cylinder.
 - a. Cylinders controlled by holding valves.
 - b. Extension.
 - i. Boom.
 - c. Wear pads
 - i. Replaceable.
 - 1. On all required surfaces.
 - d. Controls

- i. Wireless
 - 1. Radios
 - a. Frequency.
 - i. 903 – 926.5 MHz
 - b. Type.
 - i. Spread spectrum frequency hopping.
 - 2. Transmitter
 - a. Automatically shuts off after 60 minutes.
 - i. Auto shut off disabled while light or accessory are on.
 - b. Voltage.
 - i. 9.6 volt D.C. battery
 - ii. Removable battery with spare mounted on frame.
 - 3. Receiver
 - a. Voltage
 - i. 12 volt D.C.
 - 4. Charger
 - a. Voltage
 - i. 12 volt D.C.
 - ii. 120 volt A.C.
- e. Control valve
 - i. Individual operated compensator.
 - 1. Functions to be unaffected by the operation of others.
 - ii. Sized to match flow of actuator.
 - 1. Prevents backpressure during operation.
 - iii. Rack and pinion lever actuator.
 - 1. Smooth operation.
 - iv. Unloading valve.
 - 1. Unloads pressure during non-operation.
 - v. Built in pressure relief.
 - 1. Protects functions from over-pressure.
 - vi. Override controls.
 - 1. Operation if remote failure occurs.
 - vii. Manual control
 - 1. Backup override
 - a. All crane functions.
 - b. Type.
 - i. Lever.
 - c. Location.
 - i. Mast.
- f. Main Boom
 - i. Positive 80 degrees to Negative 10 degrees of boom travel.
- g. Extensions
 - i. Three hydraulically operated steel sections
 - ii. One hydraulic fiberglass extension w/ detachable hydraulic pole claws
- h. Winch
 - i. Planetary design.
 - ii. Brake.

- 1. Mechanical.
- iii. Winch line.
 - 1. Equipped with 9/16- inch fiber rope.
 - a. 32,000 lbs./psi. tensile strength
 - b. 5:1 safety factor.
 - c. Minimal UV damage.
 - d. Dielectric rate.
 - i. Resistant to passage of electric current.
 - 1. Rating based of good, dry, and clean rope.
- i. Rotation
 - i. 360 degree continuous rotation.
- j. Hydraulic tool circuit
 - i. Couplers
 - 1. Flush face.
 - ii. Rating.
 - 1. 2400psi maximum.
 - 2. 10 gallons per minute.
 - iii. Location
 - 1. One set.
 - a. Crane boom.
 - 2. One set.
 - a. Chassis

11. Auger

- a. Drive.
 - i. Sealed planetary gear reduction
 - ii. 3500 ft/lbs. torque., 6,000 ft/lbs. 2 Speed optional
 - iii. 2" hex output shaft.
- b. Bit.
 - i. 18 inch. (Standard) Others optional.
 - ii. 2 inch input collar.
- c. Extensions.
 - i. Adjustable length Kelly bar attached.

12. Options

- a. Pin on Bucket Assembly. 300 lb. cap. With liner.
24 x 24 x 48 bucket with fiberglass liner. Pin on
Either side of unit with full ANSI stability testing.
Outrigger Interlocks are standard with this option.
- b. Transformer Jib and Winch Assembly. 4' fiberglass jib, tip
Mounted winch with 65' of 3/8 rope. 1000 lb. Max. capacity
Winch can remain mounted to boom for ease of use.
- c. 6000 ft/lb. Torque Auger Head. This unit can be ordered with
Either 2" or 2.5" hex shaft size. 2.5" shaft size is also available in auger bit
And Kelly bar shaft. Also available with Auto-2spd. Drive.
- d. 12 Volt recovery Winch. This is a 9000 lb. Warn unit , that can

- Mounted on both front and rear of machine as needed.
- e. Mud Tracks. These are a set of six 18" x 72" composite mats. These greatly reduce ground pressure and almost eliminate any Yard damage. Come with trailer storage when ordered.
 - f. Load Monitoring System. This is a LED screen that displays both Travel angle in all axis and shows lifting angle of boom and safe Lifting loads.
 - g. Auger Over stow. Using magnetic sensing this prevents the over Winding of the auger and unit or strap damage.
 - h. Inverter. This is a 2500 Watt Max. output unit with GFI outlets On unit panel.
 - i. Outrigger Motion Alarms. Sets of audible beep whenever outrigger Motion is selected.
 - j. Lower Hose Reel. This reel can be ordered with 15' or 25' versions. 3/8" twin line for up to 8 gpm flow at specified tool pressure.
 - k. 12 Volt Emergency Let down : This system allows emergency lowering In case of engine failure.
 - l. Boom out of stow interlock.
 - m. Boom over stow protection.

Item 2	Tracked Carrier Specifications (Equal or equivalent to an Altec Model CT14)	Acknowledge		Variance
		Yes	No	
2.1	Track driven carrier with retractable tracks and 2-speed hydraulic piston motors.	✓		
2.2	Pendant drive controls with proportional, independent drive controls for each track, track extend/retract, hi/low speed, and emergency stop.		✓	Remote drive controls
2.3	Engine start/stop from radio controls and at lower controls.		✓	at lower controls
2.4	Tracks shall have a minimum spread of 35-inches and maximum spread of 46.5-inches.		✓	35 inches to 55 inches
2.5	Maximum drive slopes while tracks are extended shall be 15 degrees side to side and 15 degrees front to back. Maximum drive slopes while tracks are retracted shall be 5 degrees side to side and 15 degrees front to back.	✓		
2.6	Cargo Platform – Maximum weight capacity shall be 2,350 pounds.	✓		
2.7	Pole carrying provision shall be: one D ring installed on each outrigger leg (2,350 pound pole capacity).	✓		
2.8	Retractable outrigger legs shall allow for a lowered overall height of 7-feet 1-inch.	✓		
2.9	Outrigger motion alarm to provide audible alarm when any of the outriggers are being hydraulically actuated.	✓		
2.10	Hydraulic oil reservoir shall be 17-gallon capacity.		✓	18 gallon Cap.
2.11	Fuel tank shall be 12-gallon capacity.			
2.12	Hydraulic oil cooler shall have a temperature switch for automatic fan operation.	✓		
2.13	Tool circuit below rotation to provide two-way, adjustable flow up to 8 GPM @ 2,000 psi.	✓		
2.14	Black tracks with standard thread.	✓		
2.15	49.6 HP naturally aspirated gasoline engine with electronic engine display and throttle control and direct drive pump to provide 28 GPM of hydraulic power for carrier and derrick operation.		✓	25 hp turbo Diesel
2.16	Color: Powder Coat White		✓	Two part Epoxy
Item	Warranty	Acknowledge		Variance
		Yes	No	
2.17	State Warranty Details Below: 1 year warranty documentation included.	✓		

FORM B

SPECIFICATION RESPONSE FORM

**2026 Hydraulic Derrick, Tracked Carrier, and Trailer
(Equal or equivalent to an Altec Model DB41B, Altec Model CT14
And Brooks Brother CSL 202-12KE Trailer)
Bid No. 2026-031WL**

The undersigned proposes to furnish a 2026 Hydraulic Derrick, Tracked Carrier and Trailer (equal or equivalent to an Altec Model DB41B, Altec Model CT14 and Brooks Brother CSL 202-12KE Trailer), which meets the specifications provided. The undersigned certifies that the minimum specifications, terms, and conditions contained in this BID have been considered and understood. By submitting a response, I/We do certify that the commodities offered do meet the specifications contained in this Invitation to Bid.

Please check '✓' each line item – confirming specifications listed will be met.

Item 1	Hydraulic Derrick Specifications (Equal or equivalent to an Altec Model DB41B)	Acknowledge		Variance
		Yes	No	
1.1	Maximum sheave height of 40.8 feet (without optional jib) and 48.6 feet (with optional jib), maximum horizontal reach of 33.5 feet.		✓	41 feet height 45 feet w/ jib 36 feet horizontal
1.2	Minimum digging radius of 12.5 feet, maximum digging radius of 21.7 feet.		✓	13 feet 22 feet
1.3	Boom articulation of -5 degrees below horizontal to 80 degrees above horizontal.		✓	-10 degrees +80 degrees
1.4	Lift capacity at 15 feet load radius of 3,630 pounds. Maximum lift capacity of 6,000 pounds.		✓	15 ft 3000 lbs max 5500 lbs
1.5	Fiberglass upper boom with hydraulic extension.	✓		
1.6	Steel boom tip with removable steel pole flares. Boom tip shall have provision for removable pole guides and platform attachment.		✓	non-removable flares
1.7	Winch, mounted at turntable – 6,000 pound working capacity (includes cable guides).	✓		
1.8	Two-part load line attachment on boom tip.	✓	✓	Single Part line
1.9	Continuous rotation powered by a planetary gear drive.	✓		
1.10	Standard/Low Speed Selector to allow operator to select standard or low speed operation of the derrick. When in standard mode, each function shall operate at normal speeds. When in low speed, the maximum operational speed of each function shall be slower providing finer feathering capability. This function shall be separate from engine throttle control.		✓	Low + high speed throttle
1.11	Outrigger/boom interlock system to prevent operation of unit until all outriggers are lowered.	✓		
1.12	Five (5) function Hydraulic Overload Protection (HOP) system operates from lower control station and radio remote. Visible load indicator gauge at operators platform.		✓	NO load gauge
1.13	Hydraulic Side Load Protection to allow the derrick to rotate towards load if excessive side load is present.	✓		
1.14	Boom stow protection system to detect when the boom is lowered into the stow and prevent damage from excessive stowing force.	✓		

1.15	Electric-over-hydraulic closed-center hydraulic system with variable displacement piston pump and proportional electronic operator controls with superior metering and feathering characteristics.		✓	Open center hydraulic system
1.16	Tool circuit above rotation: adjustable flow up to 5 GPM @ 2,000 psi.	✓		
1.17	Maximum hydraulic system pressure of 3,000 psi.	✓		
1.18	Insulated, 46 kV and below.	✓		
1.19	Digger derrick shall conform to ANSI A10.31-2013.	✓		
1.20	ANSI Z535 Safety and Instructional Signs shall be installed.	✓		
1.21	Operator's and Maintenance/Parts Manual shall be provided.	✓		
1.22	Combined use – Platform and Material Handling.	✓		
1.23	Radio Remote Control Layout: Counter-Clockwise, push lever to right shall rotate boom Counter-Clockwise.	✓		
1.24	Turntable mounted winch.	✓		
1.25	Digger function, two speed, fully proportional, 8,000 ft-lbs (10,847 N-m) – with hydraulic auger release and auger stow protection located curbside. Shall include all of the components necessary to operate digger (installed).		✓	Auto 2spd 6000 ft/lb. torque
1.26	Stowage bracket for platform shall be located on transport trailer.	✓		
1.27	Platform shall be Fiberglass, pin-on, 24 x 24 x 40 nominal. Shall include interior/exterior platform access step and mounting bracket. 350 pound platform capacity, and provides up to 44 foot working height. (Note: May require radio remote controls and docking station.)	✓		
1.28	Platform cover shall be soft vinyl, 24 x 24 inches (610 x 610 mm).	✓		
1.29	Platform liner for single, one-man, side mounted fiberglass platform (24 x 24 x 40). 50 kV.	✓		
1.30	Dirt auger shall be 18 inches in diameter, 80 inches in length with 2-1.2 inch hex, single flight (painted black).	✓		
1.31	Hydraulic tilting pole guides with hydraulic open and close.	✓		
1.32	Winch rope for turntable winch.	✓		
1.33	No Derrick Tong Protectors.	✓		
1.34	Swivel hook/downhaul weight, 5 ton capacity.	✓		
1.35	Two-part load line kit for turntable winch, shall include snatch block and clevis.		✓	Single part
1.36	Radio remote with controls for derrick functions and track drive operation. Shall have the ability to be used as upper controls when installed in platform docking station, which activates controller interlocks.	✓		
1.37	Platform docking station for radio controls.	✓		
1.38	Shall use HVI-22 Hydraulic Oil (standard).	✓		
1.39	Safety Harness and 4.5 Foot Lanyard (Medium to X-Large).	✓		
1.40	Five-LB Fire Extinguisher with Light Duty Bracket and Placard (Shipped Loose).	✓		
1.41	Triangular Reflector Kit (Shipped Loose).	✓		
1.42	Vinyl manual pouch for storage of all operator and parts manuals.		✓	Tube for manual on unit
1.43	Outrigger Interlock System to be installed.	✓		

1.44	Color: Powder Coat White		✓	Two part epoxy
1.45	Non-Skid Coating to be applied to all walking surfaces.		✓	No walking surface
1.46	Safety and Instructional Decals to be applied (English).			
1.47	A dielectric test shall be performed according to ANSI requirements (Completed test form shall be included in Manual Pouch).	✓		
1.48	A stability test shall be performed according to ANSI requirements (Completed test form shall be included in Manual Pouch).	✓		
1.49	As Built Electrical and Hydraulic Schematics shall be included in the Manual Pouch.	✓		
1.50	Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty.	✓		
1.51	Optional Extended Warranty: Travel, Labor, Material and Expense, 5-Year Total (4-Year extended).			
Item	Warranty	Acknowledge		Variance
		Yes	No	
1.52	State Warranty Details Below:			

Item 3	Trailer Specifications (Equal or equivalent to a Brooks Brother CSL 202-12KE)	Acknowledge		Variance
		Yes	No	
3.1	24,000 LB GVWR, Steel, Tandem Axle Trailer		✓	17,500 GVWR
3.2	Full powder-coated black paint		✓	Two part epoxy
3.3	2 x 6 Treated wood floor	✓		
3.4	8-Inch Channel frame		✓	See spec sheet
3.5	102-Inch Overall Width, 67-Inch Bed Width, 20-Foot Deck Length and 24-Inch dovetail with traction grips		✓	See specification sheet
3.6	54-Inches Long x 18-Inches Wide, Self Supporting Ramps with Spring Assist, Non-Adjustable width		✓	Full width ramps
3.7	23-Inch Deck Height		✓	18 inch height
3.8	70-Inch Tongue Length	✓		
3.9	12,000 LB Tandem Dexter Torsion Axles			9,000 lb Axles
3.10	Four (4) Tires, 235/75/R17.5 LRH			215/75R 17.5
3.11	One (1) Spare Tire/Wheel Assembly mounted to trailer curbside behind the fender	✓		
3.12	3/8-Inch Galvanized Safety Chains	✓		
3.13	12,000 LB Drop Leg Jack	✓		
3.14	Electric Brakes with break-away	✓		
3.15	Enclosed electrical wiring, LED lighting and 7-Way round electric plug wired to SAE standards	✓		
3.16	Flat mounting plate with multiple hole position for pintle adjustment, 3-Inch pintle eye	✓		
3.17	Front tongue mount aluminum toolbox with locking latch	✓		
3.18	Four (4) 5/8-Inch tie down D-rings		✓	Ratcheting tie downs
3.19	Outrigger pad and wheel chock holders	✓		
3.20	Trailer accessories to include unit positioning sight rods and applicable accessory mounting brackets.	✓		
3.21	Wheel Chocks shall be rubber, 9.75" L x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair),	✓		
3.22	Outrigger pads shall be a set of four (4), wood, 18" x 18" x 3".		✓	16x16" composite
Item	Warranty	Acknowledge		Variance
		Yes	No	
3.23	State Warranty Details Below:			

THE TEREX® BACKYARD AERIAL

SPECIFICATIONS

Gross Vehicle Weight	12,000 lbs (5443 kg)
Net Engine Power	24.9 hp (26.8 kw)
Width (tracks retracted)	35.5" (90.17 cm)
Width (tracks extended)	52" (132 cm)

CAPACITIES AND MODELS

Backyard Models	Working Height	Jib Capacity	Side Reach	Basket Size
Terex TL37/M	39'	28.6'	900 lbs	24" x 30"
Terex TL41/M	43'	31.1'	900 lbs	24" x 30"
Terex TL45/M	47'	31.1'	900 lbs	24" x 30"
Terex TL50P	52'	36'	NA	24" x 30"
Terex TL55P	57'	38'	NA	24" x 30"

STANDARD EQUIPMENT

	TEREX	OTHERS
CAT "C" (per ANSI A92.2)	X	X
24" x 30" basket	X	X
360-degree continuous rotation	X	
Basket rotator	X	
Engine start/stop @ basket	X	
Engine 2-speed @ basket	X	
Isolation platforms (per ANSI A92.2)	X	
4-Function controller	X	
Tool outlets below rotation	X	
2-speed track drive	X	
350 lbs. basket capacity	X	
Automatic hydraulic radial outriggers	X	



The Terex TL backyard aerial on an SDP carrier is a stable and compact unit.



Terex TL backyard aerials have the side reach you need.



Terex TL models on an SDP rubber tracked carrier can fit through a 36-in. opening.

FOR MORE INFORMATION, CONTACT

Effective: 08/2015. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Terex, the Terex Crown Design and Works For You are trademarks of Terex Corporation or its subsidiaries. All rights reserved. Copyright 2015 Terex Corporation.



MANUFACTURING, INC.

(765) 768-5000

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S.D.P.

MANUFACTURING, INC.



Services



INTRODUCING THE S.D.P. NEW PATENT PENDING CHASSIS

rubber tracked carrier offers the height and reach of a truck-mounted aerial combined with the ability to access restrictive job sites like backyards, sidewalks, alleys and other tight spaces. Patent pending.

FEATURES

- Material handling capacity up to 900lbs.
- Up to 57'* of working height
- Up to 38'* of side reach
- Auto track tensioner

* See chart on back of flyer



S.D.P.

MANUFACTURING, INC.

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FORM A

Submission Cover Letter for Unpriced Technical Proposals

**2026 Hydraulic Derrick, Tracked Carrier and Trailer
(Equal or equivalent to an Altec Model DB41B, Altec Model CT14
And Brooks Brother CSL 202-12KE Trailer)
Bid # 2026-031WL**

The undersigned proposes to provide equipment as per the specifications provided by the City of Tupelo and the subsequent proposal from the bidder named below:

If, after reviewing all vendor submissions, the City of Tupelo decides to invite, _____ (your company name) to submit priced bids, we agree to participate in the reverse auction, which will take place on **July 21, 2026, at 10:00 AM**. We understand that detailed instructions regarding the reverse auction process will be emailed to all approved vendors.

It is understood that we have only one opportunity to submit an unpriced technical proposal. We affirm that we have read and understood this request for unpriced technical proposals and understand that Phase Two must be completed before the items are awarded. We understand that any missing information or documents required by the BID may be cause for rejection of the proposal.

We acknowledge that the City of Tupelo has the sole discretion and authority to determine whether our proposed commodity meets the specifications issued and if it will meet the requirements and needs of the City of Tupelo. We understand that the City of Tupelo may or may not invite our participation in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement.

We agree to abide by the terms and conditions of the PH Bidding Group Supplier agreement and understand that any questions regarding the agreement or the bid process should be directed to 662-407-0195 or bids@phbidding.com

If we are invited by the City of Tupelo to participate in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement, the invitation should be directed to:

Printed Name Dou E Hall

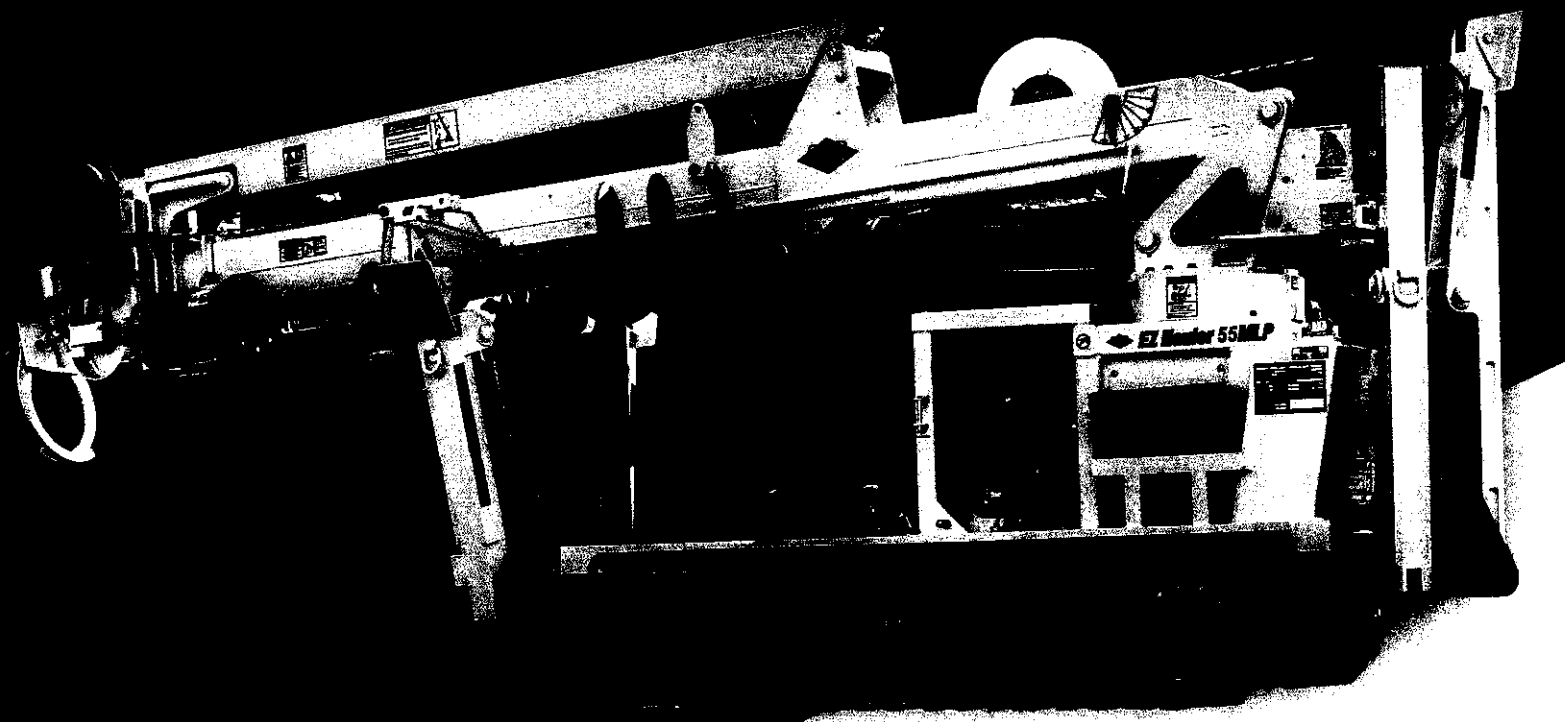
Title Vice President

Company Name S.D.P. Manufacturing Inc.

Email dou@sdpmfg.com

Phone 765-768-5000

THE NEW EZ HAULER 55M LPXT



- FULL 360° WORK ZONE STABILITY
- 360° CONTINUOUS ROTATION
- MAX LIFTING CAPACITY 5500LBS
- TIP MOUNTED TRANSFORMER WINCH AND JIB AVAILABLE
- TRANSPORT CAPACITY 2500LBS
- MEETS OR EXCEEDS A10.31 AND SAE REQUIREMENTS
- MEETS 46KV CATEGORY C DI ELECTRIC QUALIFICATIONS
- HYDRAULIC POLE GUIDE
- RATED FOR 25 DEGREE SIDE TO SIDE AND FRONT TO REAR TRAVEL ANGLE
- HYDRAULIC TRACK DRIVE WITH AUTO 2SPD
- HYDRAULICALLY EXTENDED AND TENSIONED TRACKS
- 42-FOOT SHEAVE HEIGHT
- TIER IV FINAL TURBOCHARGED YANMAR DIESEL



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400 INDUSTRIAL DR. DUNKIRK, IN 47336



MANUFACTURING, INC.

**STANDARD WARRANTY AND EXTENDED WARRANTY
EZ HAULER 55MLPX
SDP 8000 chassis unit Diesel Powered.**

Products manufactured and designed by S.D.P. Manufacturing, Inc. are warranted to be free from defects in material and workmanship at the time of initial delivery subject to the following provisions:

For one (1) year following initial delivery of the product, S.D.P. Manufacturing, Inc. will, at its option, repair or replace, at the suppliers option, without charge, any part or assembly of parts found by S.D.P. Manufacturing, Inc., to be defective in material or workmanship.

This Limited Warranty shall not apply to damage or failure caused by acts of God, abuse, misuse, abnormal usage, improper maintenance, or the use of unauthorized replacement parts and/or service performed by unauthorized personnel.

This Limited Warranty does not cover products which have not been operated and maintained in accordance with S.D.P. Manufacturing, Inc.'s maintenance and operations manuals, programs and bulletins and/or products not manufactured by S.D.P. Manufacturing, Inc. which are supplied by S.D.P. Manufacturing, Inc. on special order and/or products which are repaired by not using original S.D.P. Manufacturing, Inc. parts; or transportation or delivery to an authorized S.D.P. Manufacturing, Inc. Service Center or Customer Location.

Any article, unless specified, not manufactured by S.D.P. Manufacturing, Inc. is sold with only such warranties as are made by the manufacturer thereof. S.D.P. Manufacturing, Inc. only warrants that which it has title thereto, free of all liens or encumbrances.

This limited warranty is expressly in lieu of any other warranties, express or implied, including, but not limited to, any warranty of the merchantability or fitness for a particular purpose, except as specified above. No associate, agent, or representative of S.D.P. Manufacturing, Inc.'s is authorized to extend any warranty on S.D.P. Manufacturing, Inc.'s behalf. Remedies under this Limited Warranty are expressly limited to the provision and installation of parts and labor, as specified above, and any claims for other loss or damage of any type including, but not limited to, loss from failure of the product to operate for any period of time, other economic or moral loss, or direct, immediate, special, indirect, incidental, or consequential damage are expressly excluded. Warranty shall extend to the original purchaser only and is not assignable or transferable.

S.D.P. Manufacturing, Inc.
P.O. Box 44, Albany, Indiana 47320 / 400 Industrial Drive, Dunkirk, Indiana 47336
Telephone: (765) 768-5000
Fax: (765) 768-5015
WEBSITE: sdpmfg.com

EZ HAULER LT AERIAL

1. General

- a. Hydraulic track drive with auto 2 speed.
- b. Skid steer.
- c. Hydraulically extended tracks.
- d. 24.9-horse power Tier IV engine.
- e. Meets or exceeds ANSI A92.2 qualifications.
- f. Meets 46kv Category C dielectric qualifications.

2. Dimensions

- a. Length
 - i. Chassis length is 9 ft. 10 in.
 - ii. Length with outriggers fully extended is 12 ft. 6 in.
- b. Width
 - i. Overall, width with tracks extended is 55 in.
 - ii. Width without tracks extended 35.5 in.
 - iii. Width with outriggers fully extended is 10 ft.
- c. Height
 - i. Chassis height is 55 in.

3. Capacity

- a. Chassis
 - i. Transport capacity is 1000 lbs.

4. Engine (diesel)

- a. Specifications
 - i. Make
 - 1. Yanmar.
 - ii. Model
 - 1. 3TNV74.
 - iii. Output (horsepower)
 - 1. 24.9hp at 3400rpm.
 - iv. Type
 - 1. Vertical, 4-cycle water-cooled diesel engine.
 - v. Alternator (volts-amps) 12V @ 40A.
 - 1. 12-40.

5. Fasteners

- a. SAE grade eight or greater.

6. Finish coating

- a. Paint.
 - i. Two part polyurethane enamel type.

7. Chassis

- a. Control panel
 - i. Designed for easy access and visibility.

1. Identification decals.
 2. Oil pressure gauge.
 3. Hydraulic pressure gauge.
 4. Fuel gauge.
 5. Throttle control.
 6. Key switch.
 7. Engine temperature gauge.
 8. Engine R.P.M. gauge.
- b. Frame
- i. Incorporating one hydraulic reservoir.
 1. Containing a capacity of 20 gallons total of hydraulic fluid.
 - ii. Designed to support aerial.
- c. Outriggers:
- i. Radial design with no manual extension sections
 - ii. Integral holding valves (2 per cylinder)
 - iii. Will not operate during crane operation
 - iv. Meets or exceeds ANSI stability requirements
 - v. Full 360° work zone stability
 - vi. Outrigger Interlocks standard .
- a. Drive System
- i. Crawler tracks
 1. Rubber 12" wide.
 2. Five idler wheels each side.
 - ii. Track tension
 - Auto Tensioning adjusted idlers.
 - iii. Drive motors
 1. Integrated orbit hydraulic motor.
 2. Single stage planetary drive gear.
 3. Integrated mechanical parking brake.
 - iv. Width adjustment
 1. Two hydraulic cylinders each side.
 2. Four slide tubes for support each side.
 3. Integrated Track Safety Interlock System (TSIS)
 - i. Drive control valve
 1. Sectional body with nine spools.
 - a. Two spools for drive and steering.
 - b. Two spools for expanding and retracting crawler tracks.
 - c. Four spools for outrigger control.
 - d. One spool for hydraulic tool circuit.
 2. Parallel flow path.
 3. Remote drive control
 4. Auto sensing 2spd. Drive.
 - ii. Safety selector valve
 1. Push-pull type.
 2. Separates drive from aerial operation.

- iii. Filtration
 - 1. 15-micron spin-on return filter.
- iv. Pump
 - 1. Fixed displacement gear type with direct drive spline shaft.
 - 2. 10 gallons per minute at 3600 R.P.M.
 - 3. Pressure-loaded wear plates.
- a. Controls
 - i. Wireless Controls with spare removable Battery on the Unit
 - 1. Radios
 - a. Frequency.
 - i. 903-926.5 MHz.
 - b. Type.
 - i. Spread spectrum frequency hopping.
 - 2. Transmitter
 - a. Automatically shuts off after 60 minutes.
 - b. CAN cable equipped.
 - 3. Receiver
 - a. Voltage
 - i. 12 volt D.C.
 - 4. Charger
 - a. Voltage
 - i. 12 volt D.C.
 - ii. 120 volt A.C.
 - iii. On unit for spare battery.
 - b. Control valve
 - i. Individual operated compensator.
 - 1. Functions to be unaffected by the operation of others.
 - ii. Sized to match flow of actuator.
 - 1. Prevents backpressure during operation.
 - iii. Rack and pinion lever actuator.
 - 1. Smooth operation.
 - iv. Unloading valve.
 - 1. Unloads pressure during non-operation.
 - v. Built in pressure relief.
 - 1. Protects functions from over-pressure.
 - vi. Override controls.
 - 1. Operation if remote failure occurs.
 - vii. Manual control
 - 1. Backup override.