



Model Emergency Action Plan for the Use of an Automated External Defibrillator (AED) by Public and Chartered Nonpublic Schools, Youth Sports Organizations, Sports and Recreation Locations

Note: This model plan may be used to satisfy requirements under House Bill 47 of the 135th General Assembly (ORC 3701.851). Alternatively, an entity may adopt other emergency action plans for the use of AEDs.

The [Centers for Disease Control and Prevention \(CDC\)](#) defines **cardiac arrest** as when the heart suddenly and unexpectedly stops beating and blood stops flowing to the rest of the body. Cardiopulmonary resuscitation (CPR) and Automated External Defibrillators (AEDs) are to be used when a person is unresponsive, is not breathing, or the heartbeat stops.

A. How to Use an AED:

Please note: For persons under age 8, pediatric AED pads should be used whenever possible. However, if not available, use adult pads. Do not use pediatric AED pads on adults.

During an emergency, designate someone who can direct first responders to the exact location of the unresponsive person once first responders arrive at the location.

Protocol:

If a person:

- Collapses suddenly and loses consciousness (passes out), or
- Is not breathing or is gasping for air, or
- Doesn't respond to shouting or tapping, or
- Doesn't have a pulse.

Note: A person's eyes may be open or closed.

Follow these steps:

1. If the scene is safe, check for responsiveness using shout-tap-shout for no more than 10 seconds.

If appearing unresponsive, check responsiveness:

Shout "Are you OK?" (use their name, if known, to get their attention).

Tap (the person's shoulder if adult or child, foot if an infant) and look for signs of **rhythmic, normal breathing**.

Shout (again and assess for breathing, life-threatening bleeding, or conditions).



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2. If person is unresponsive, **shout for help, CALL EMS (9-1-1), and send someone to get the AED.** Stay on the line with EMS (preferably on speaker phone) for instructions on CPR and AED use.
 3. Begin chest compressions until the AED arrives. *(If trained in CPR, provide CPR according to your training).*
 4. Turn on the AED and set it up according to the manufacturer's instructions. Follow the verbal instructions provided by the AED. Incorporate the AED into CPR cycles according to instructions from the AED and from any prior training.
 5. Prepare AED to check heart rhythm. Follow the AED's verbal instructions to deliver one shock as advised.
 6. **Continue CPR and follow AED verbal instructions until person responds or EMS arrives and takes over care.**

Hand Placement for Infants

Using two fingers, press down in the middle of the chest about 1.5 inches.

Hand Placement for Children

Using one or two hands, press down in the middle of the chest about 2 inches.

Hand Placement for Adults

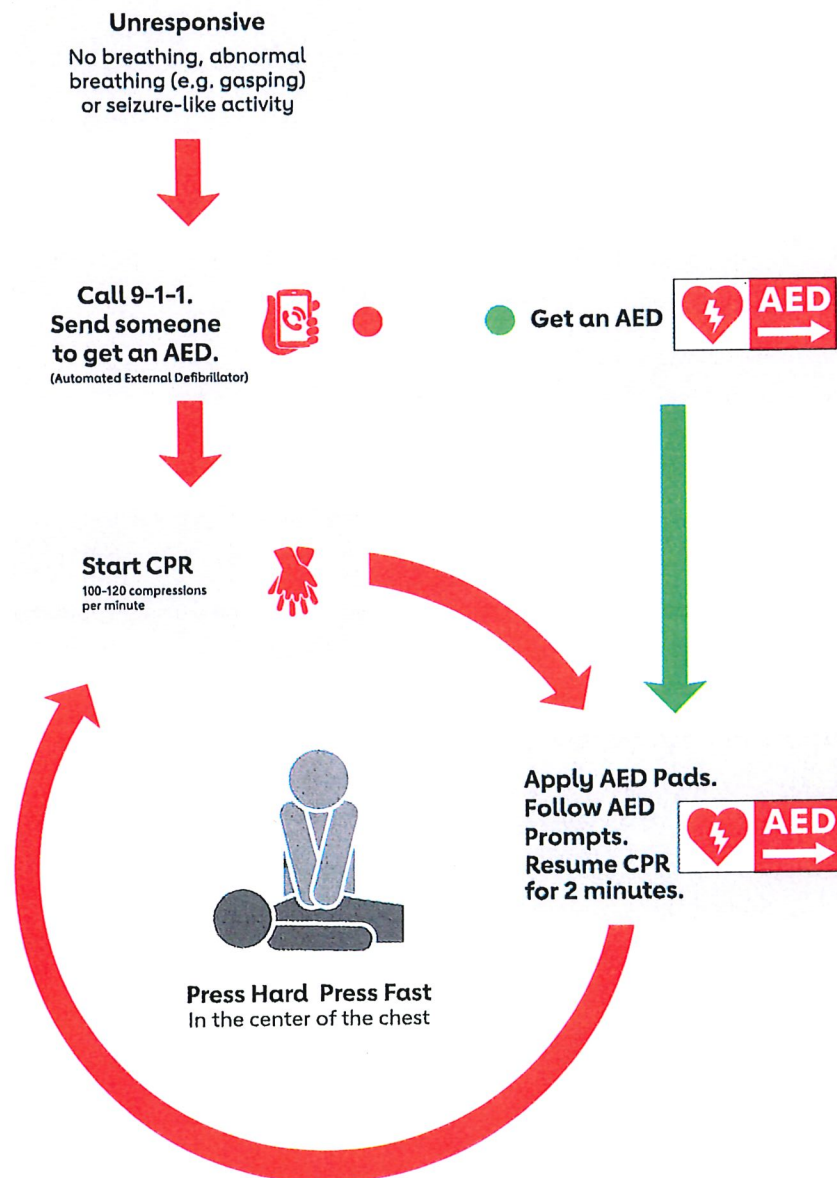
Using two hands, press down in the middle of the chest at least 2 inches.

or

Follow instructions of the 9-1-1 dispatcher or refer to your most recent CPR training.

Simplified Adult BLS Algorithm by American Heart Association

Act Now. Save a Life.
Follow these steps to take action.



© 2024 American Heart Association

B. Practice of Plan:

1. Ohio Revised Code (ORC) [3701.851](#) requires the Emergency Action Plan (EAP) to be practiced at least quarterly.
2. Follow recommendations or requirements, as appropriate, specific to your school, location, or organization for training on CPR and AED use.
3. Develop a schedule for practicing your plan.

C. Maintenance of Automated External Defibrillators (AEDs):

Follow manufacturer's instructions with regards to maintenance, operation, and replacement of the AED and any of its parts.

D. Location of Automated External Defibrillators (AEDs):

1. Ensure AEDs are easily accessible and ensure they are not locked away.
2. Include maps of where AEDs are located in and around the school, venue, and sports and recreation location so staff, students, guests, volunteers, and community members can locate them quickly in an emergency.

E. Additional Considerations:

1. Designate a person(s) at your school, location, or organization who can coordinate and supervise CPR/AED program activities, trainings, AED maintenance, and practice of response plans.
2. Share your emergency action plan for AEDs with your local emergency management services (EMS) in advance of a medical emergency.

REFERENCES

[Adult & Child CPR Anytime® Skills Reminder — CPR AED \(heart.org\).](#)

[Algorithms | American Heart Association CPR & First Aid.](#)

[American Heart Association 2023-Cardiac-Emergency-Response-Plan-and-Protocol-Schools-Final.pdf \(heart.org\).](#)

[American Heart Association 2023 Cardiac Emergency Response Plan and Protocol Sports Facilities.pdf \(heart.org\).](#)

[American Heart Association 2023 Cardiac Emergency Response Plan and Protocol Community.pdf \(heart.org\).](#)

[2020 American Heart Association Guidelines for CPR and ECC.](#)

Ohio Emergency Medical Services [CPR Myths Debunked | Emergency Medical Services \(ohio.gov\)](#)



MEMO TO: Mayor and City Councilmembers

FROM: Patrick H. Burtch, City Administrator

DATE: November 4, 2024

SUBJECT: Authorize the purchase of a new tandem axle dump truck to serve the Sewer Department.

Recommendation:

Authorize the purchase of a Kenworth T480 tandem axle dump truck and appurtenances in the amount of \$181,256.22 from Whiteford Kenworth.

Attached is a memo from Matthew Miles, Capital Projects Manager discussing history, background and budgetary considerations for the above referenced project. As posited by the Capital Projects Manager, this purchase is necessary to begin reformation work within the sanitary sewer to eliminate the infiltration of stormwater as directed by the Ohio EPA Director's Final Findings and Orders.

City Administration recommends authorizing this agreement. Your consideration and concurrence is appreciated.

PHB

City of Maumee DEPARTMENTAL REPORT

MEMO TO: Patrick Burtch, City Administrator

FROM: Matthew Miles, Capital Projects Manager

DATE: November 4, 2024

RECOMMENDATION: Authorize the purchase of a Kenworth T480 tandem axle dump truck and appurtenances in the amount of \$181,256.22 from Whiteford Kenworth.

SUMMARY

Authorize the purchase of a new tandem axle dump truck to serve the Sewer Department.

BUDGETARY CONSIDERATIONS

Funding for this purchase will need to be authorized from the Sanitary Enterprise Fund.

HISTORY, BACKGROUND and DISCUSSION of the ISSUE

This purchase recommendation is in response to the Ohio EPA Director's Final Findings and Orders directing the City to eliminate the infiltration of stormwater into the sanitary sewer system. In October, 2024, Council approved the expansion of the Sewer Department to begin the work necessary to eliminate overflows of the sanitary system during wet weather events. To aid in these efforts, some expansion of equipment inventory will also be necessary to allow the new crew to keep ahead of the lining and repair work previously authorized and/or endorsed by council. The purchase of a tandem axle dump truck dedicated to the Sewer Department, and not outfitted with snow removal equipment, will allow excavation work related to system deficiencies to continue uninterrupted by the winter season or by other excavation work regularly required to maintain the City infrastructure.

Bidding requirements for this purchase will be covered under Sourcewell Contract #032824-KTC.

POSITIONS

Requested action is for Maumee City Council to authorize the purchase from Whiteford Kenworth of South Bend, Indiana.



T380

T480

THE MEDIUM-DUTY TRUCK REDEFINED

When "medium duty" just doesn't seem heavy duty enough for the job you have in mind, turn to the versatile new Kenworth T380 or T480. Serious workhorse solutions, these custom-engineered vehicles combine a robust, highly maneuverable chassis design with a smart, streamlined exterior that substantially improves visibility. Add an efficient, fully-optimized powertrain of proven reliability. Intuitive cutting-edge driver-centric systems that enhance productivity and safety. And a cab environment complete with the World's Best comfort, space and storage options. These are premium-quality, rock-solid trucks designed with bottom-line business savvy.



Learn More!



Scan the QR code with
your mobile device.



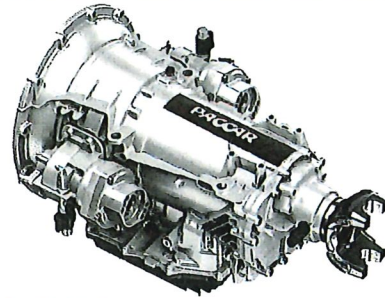
T380

T480



Efficient, Convenient and Comfortable.

Tough, efficient and reliable, the new Kenworth T380, Class 7 and T480, Class 8 models can maximize the versatility and money-making potential of your business – while offering the comfort and driveability of a fine automobile.



PACCAR TX-8

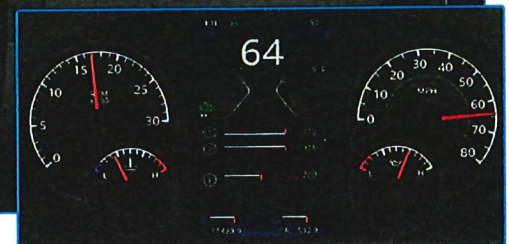
For more intuitive vehicle control and superior performance from drivers of all experience levels, spec PACCAR's TX-8 automatic 8-speed transmission. With a best-in-class power-to-weight ratio, it also upshifts your payload and profit potential.



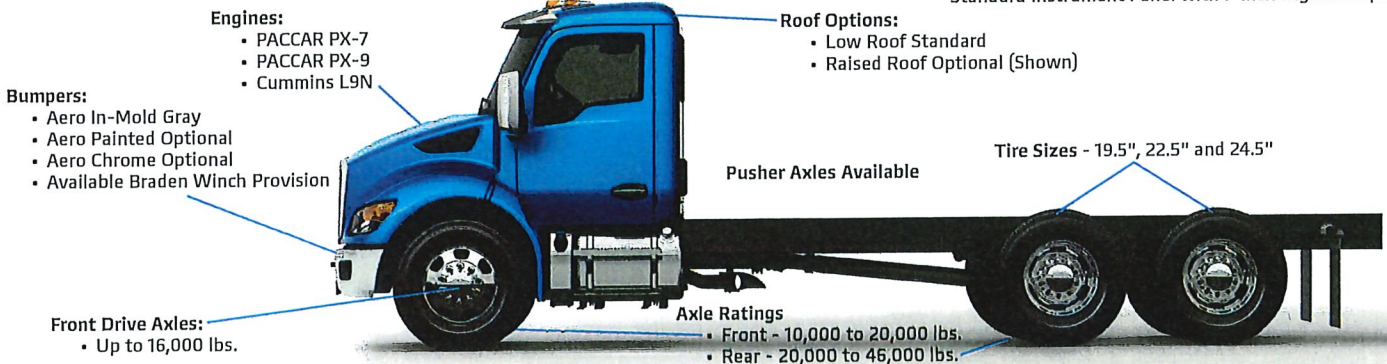
Digital Display & SmartWheel

A new, class-leading 7-inch high-definition digital display employs cutting-edge technology to deliver critical operating information to the driver intuitively, efficiently, with minimum distraction. Spec the Kenworth SmartWheel® for finger-tip access to all your controls.

Standard Automatic Temperature Controls



Standard Instrument Panel with 7-Inch Digital Display



Engines:

- PACCAR PX-7
- PACCAR PX-9
- Cummins L9N

Bumpers:

- Aero In-Mold Gray
- Aero Painted Optional
- Aero Chrome Optional
- Available Braden Winch Provision

Roof Options:

- Low Roof Standard
- Raised Roof Optional (Shown)

Pusher Axles Available

Tire Sizes - 19.5", 22.5" and 24.5"

Front Drive Axles:

- Up to 16,000 lbs.

Axle Ratings

- Front - 10,000 to 20,000 lbs.
- Rear - 20,000 to 46,000 lbs.



A PACCAR COMPANY

KENWORTH TRUCK COMPANY
P.O. Box 1000
Kirkland, Washington 98083-1000
(425) 828-5000

CANADIAN KENWORTH COMPANY
6711 Mississauga Road N.
Mississauga, Ontario L5N 4J8



Note: Equipment and specifications shown in this brochure are subject to change without notice. Consult with your Kenworth dealer at time of ordering for standard and optional equipment.

T380T480 SP/21 © 2021 Kenworth Truck Co.

12650 Eckel Junction Road
419-874-3511
Perrysburg, OH 43551



**WHITEFORD
KENWORTH**
Division of **Lower Great Lakes Kenworth, Inc.**



4625 Western Avenue
574-234-9007
South Bend, IN 46619

PURCHASER City of Maumee PHONE (419) 481-0088 DATE 10/15/24
ADDRESS _____ CITY Maumee
STATE OH ZIP _____ COUNTY Lucas EMAIL isaacson-jacob@maumee.org
ENTER MY ORDER FOR: 1 MAKE Kenworth MODEL T480 ENGINE Cummins
VIN # TBD ☐ COE ☐ SLEEPER ☐ ORDER
☒ CONV. ☒ NON-SLEEPER ☒ STOCK NO. 183323

PRICES ON ORDERED TRUCKS ARE SUBJECT TO INCREASE AS STATED IN TERMS AND CONDITIONS SECTION 6 ON PAGE 2

2025 KENWORTH T480 TANDEM AXLE DUMP TRUCK		BASE PRICE	\$ 148,686.82
BIBEAU BODY INSTALLED BY CUSTOM METAL WORKS			\$ 32,569.40
UNDER SOURCWEEL CONTRACT #032824-KTC			
T480-Cummins 370HP-Allison Auto-16k front-40k rears-Haulmaxx Suspension			
AR450 Steel16' dump body with vibrator-pintle plate-flip tarp-48" sides			
FEDERAL EXCISE TAX (FET) ☐ APPLICABLE ☒ EXEMPT		FET	\$ 0.00
TABLE A		TAX RATE 0.00% SALES TAX	\$ 0.00
GROSS TRADE ALLOWANCE _____		REGISTRATION FEE	
- BALANCE OWED _____		TOTAL PRICE	\$ 181,256.22
= NET TRADE-IN ALLOWANCE \$ 0.00		LESS NET TRADE-IN ALLOWANCE	\$ 0.00
ALL TRADE-INS ARE SUBJECT TO A PHYSICAL APPRAISAL AT TIME OF DELIVERY		(TRANSFERRED FROM TABLE A)	
TRADE:		BALANCE	\$ 181,256.22
YEAR _____ MAKE _____ MODEL _____		RECEIPT NO.	
VIN # _____ ☐ COE ☐ SLEEPER		DEPOSIT	
ENG. _____ ☐ CONV. ☐ NON-SLEEPER		LESS CASH DUE ON DELIVERY	
LIENHOLDER _____		BALANCE DUE	\$ 181,256.22
EMAIL <u>isaacson-jacob@maumee.org</u>		This contract is not assignable and is not cancellable except pursuant to the terms stated in Sections 2 and 6 on page 2. The terms and conditions of this sale are stated on both pages of this form, and those on the second page are as much a part of the agreement as if written on this page. No verbal understandings or promises whatsoever are a part of this agreement.	
PHONE <u>(419) 481-0088</u>		The Purchaser certifies that he is 18 years of age or over and warrants that he is the true and lawful owner of the truck traded in and that it is free of all encumbrances whatsoever except as noted above.	
TITLE _____ VERIFIED BY _____ APPRAISER _____		The Purchaser acknowledges that he has read and understands the terms and conditions of this contract as it appears on this and the second page and has received a copy of this order.	
THIS TRUCK SOLD:		ADDITIONAL TERMS AND CONDITIONS ON PAGE 2	
☐ WITH MANUFACTURER'S STANDARD NEW TRUCK WARRANTY		SIGNATURE _____ DATE _____	
☒ AS IS. I HEREBY MAKE THIS PURCHASE KNOWINGLY WITHOUT ANY GUARANTEE, EXPRESSED OR IMPLIED, BY DEALER OR HIS AGENT.		NAME OF PURCHASER _____	
THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE UNLESS OTHERWISE STATED IN THIS DOCUMENT. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THE ITEM/ITEMS.		NAME OF SALESPERSON Kyle Williams	
SIGNATURE _____		ACCEPTED BY _____ DATE _____	
		THIS ORDER NOT BINDING UNTIL ACCEPTED BY DEALER	

ADDITIONAL TERMS AND CONDITIONS

1. **Definitions.** As used in this Order the terms: (a) "Dealer" shall mean the authorized Dealer to whom this Order is addressed and who shall become a party hereto by its acceptance hereof; (b) "Purchaser" shall mean the party executing this Order as such on page 1 hereof; and (c) "Manufacturer" shall mean the Corporation that manufactured the vehicle, it being understood by Purchaser and Dealer that Dealer is in no respect the agent of Manufacturer, that Dealer and Purchaser are the sole parties to this Order and that reference to Manufacturer herein is for the purpose of explaining generally certain contractual relationships existing between Dealer and Manufacturer with respect to new vehicles.
2. **Trade-In Vehicle.** Purchaser represents that Purchaser has good title to any trade-in vehicle ("Trade-In") free and clear of all liens and encumbrances except as disclosed by Purchaser and identified on page 1 of this Order under "Balance Owed." Purchaser shall deliver to Dealer satisfactory evidence of title to the Trade-In at the time of delivery of the Trade-In to Dealer. If the Trade-In has not been delivered to Dealer at the time of executing this Order, the Trade-In shall be reappraised at the time of delivery, and the amount of the reappraised value shall be substituted for the original value indicated on page 1 of this Order under "Gross Trade Allowance." If the reappraised value is less than the original value, then Purchaser may, prior to delivery of the Vehicle, cancel this Order. Purchaser shall be responsible for and shall pay the amount, if any, by which the Balance Owed on the Trade-In exceeds the final Gross Trade Allowance. Purchaser authorizes Dealer to sell the Trade-In in its usual course of business after delivery to Dealer, whether or not the purchase of the Vehicle is ever completed.
3. **Binding Effect.** This Order shall not be binding on either party until receipt by Purchaser from Dealer of any consumer credit disclosure statement which Dealer is required under applicable federal and state law to furnish to Purchaser in connection with this purchase.
4. **Rights Concerning Vehicle Before Purchase Completed.** Purchaser shall not have any rights in the Vehicle to be purchased until Dealer receives final payment. Dealer shall not be liable for any failure to deliver or any delay in delivering the Vehicle to be purchased if such failure or delay is caused, in whole or in part, by the acts or omissions of the Manufacturer, accidents, strikes, fires or any other events or casualties reasonably beyond Dealer's control.
5. **Changes in Design.** Manufacturer has reserved the right to make changes in the design of any vehicle, its constituent parts or any accessories without notice and without any obligation to make the same or similar changes to vehicles or accessories previously manufactured or under manufacture. If the Manufacturer determines to exercise such right, Dealer shall not be required to make the same or similar changes in design to the Vehicle or any accessories whether before or after delivery to Purchaser.
6. **Changes in Price.** Manufacturer has reserved the right to increase the price to Dealer of new vehicles without notice, including after Dealer accepts this Order. In the event Manufacturer increases the price to Dealer of new vehicles of the series and body type ordered hereunder, or Manufacturer imposes surcharges, prior to delivery of the new vehicle to Purchaser, Dealer reserves the right to increase the cash delivered price of such vehicle to the Purchaser in the same amount, and by signing this Order, Purchaser agrees to pay such increased price; *except that*, if the price increase is more than 6% of the Total Price shown on this Order, Purchaser may elect to cancel the Order by providing written notice of the cancellation to Dealer within three (3) calendar days from receiving notice of such price increase from Dealer.
7. **Rights on Cancellation and Termination.** (a) If this Order is cancelled by Purchaser pursuant to Section 6 because of a price increase, or pursuant to Section 2 because of a decrease in the Trade-In Allowance, or by either Party before this Order becomes binding, then Dealer shall: return the cash deposit to Purchaser, without interest or deduction; and return any Trade-In delivered to Dealer upon payment of a reasonable charge for storage and repairs (if any). (b) If, for any reason, Purchaser fails to accept delivery and purchase the Vehicle as required in this Order, then Dealer may, at its option and in addition to all other rights or remedies, terminate this Order and retain the cash deposit made by Purchaser as liquidated damages, and, on receipt of payment by Purchaser of Dealer's expenses incurred in connection with the Trade-In, including costs of repair, reconditioning, storage and advertising the Trade-In for sale, return the Trade-In to Purchaser. (c) Under either Section 7(a) or 7(b), if the Trade-In has already been sold by Dealer, then in lieu of returning the Trade-In, Dealer shall pay to Purchaser the amount it received for the Trade-In less a selling commission of 15% and any expense incurred in storing, insuring, conditioning, or advertising the Trade-In for sale.
8. There are no warranties, expressed or implied, made by the Dealer or the Manufacturer, on the Vehicle described in this Order, except in the case of a new Vehicle. The printed new vehicle warranty delivered to Purchaser with such Vehicle and hereby made a part hereof as though fully set forth herein is the only warranty applicable to such new Vehicle and is expressly in lieu of all other warranties, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose. In the case of a used vehicle, the applicability of an existing manufacturer's warranty thereon, if any, shall be determined solely by the terms of such warranty.
9. Any used Vehicle sold to Purchaser by Dealer under this Order is sold at the time of delivery by Dealer without any guarantee or warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, or as to its condition or the condition of any part thereof except as may be otherwise specified in writing on page 1 of this Order or in a separate writing furnished to Purchaser by Dealer.
10. The Purchaser, before or at the time of delivery of the Vehicle covered by this Order, will execute such forms of agreement or documents as may be required by the terms and conditions of payment indicated on page 1 of this Order.



MEMO TO: Mayor and City Councilmembers

FROM: Patrick H. Burtch, City Administrator

DATE: November 4, 2024

SUBJECT: Authorize the purchase of a new John Deere 135 P Excavator to serve the Sewer Department.

Recommendation:

Authorize the purchase of a John Deere 135 P-Tier Excavator and appurtenances in the amount of \$252,941.28 from Murphy Tractor & Equipment.

Attached is a memo from Matthew Miles, Capital Projects Manager discussing history, background and budgetary considerations for the above referenced project. As posited by the Capital Projects Manager, this purchase is necessary to begin reformation work within the sanitary sewer to eliminate the infiltration of stormwater as directed by the Ohio EPA Director's Final Findings and Orders.

City Administration recommends authorizing this agreement. Your consideration and concurrence is appreciated.

PHB

City of Maumee DEPARTMENTAL REPORT

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BUDGETARY CONSIDERATIONS

Funding for this purchase will need to be authorized from the Sanitary Enterprise Fund.

HISTORY, BACKGROUND and DISCUSSION of the ISSUE

This purchase recommendation is in response to the Ohio EPA Director's Final Findings and Orders directing the City to eliminate the infiltration of stormwater into the sanitary sewer system. In October, 2024, Council approved the expansion of the Sewer Department to begin the work necessary to eliminate overflows of the sanitary system during wet weather events. To aid in these efforts, some expansion of equipment inventory will also be necessary to allow the new crew to keep ahead of the lining and repair work previously authorized and/or endorsed by council. The purchase of an excavator dedicated to the Sewer Department will allow excavation work related to system deficiencies to continue uninterrupted by other excavation work regularly required to maintain the City infrastructure.

Bidding requirements for this purchase will be covered under Sourcewell Contract #24-006012.

POSITIONS

Requested action is for Maumee City Council to authorize the purchase from Murphy Tractor & Equipment of Rossford, Ohio.

Quote Id: 31757805

Prepared For:
CITY OF MAUMEE SEWER DIVISION



Prepared By: **RYAN HECKEL**

Murphy Tractor & Equipment
9400 Bass Pro Blvd.
Rossford, OH 43460

Tel: 833-910-4475
Mobile Phone: 419-280-3549
Email: rheckel@murphytractor.com

Date: 01 October 2024

Offer Expires: 28 November 2024

Confidential



Quote Summary

Prepared For:

CITY OF MAUMEE SEWER DIVISION
400 CONANT ST
MAUMEE, OH 43537
Business: 419-897-7110

Prepared By:

RYAN HECKEL
Murphy Tractor & Equipment
9400 Bass Pro Blvd.
Rossford, OH 43460
Phone: 833-910-4475
Mobile: 419-280-3549
rheckel@murphytractor.com

Member # 147975
Discount Sourcewell #24-006012

Quote Id: 31757805
Created On: 01 October 2024
Last Modified On: 31 October 2024
Expiration Date: 28 November 2024

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE 135 P-Tier Excavator	\$ 243,041.28 X	1 =	\$ 243,041.28
John Deere Extended Warranty-5 year 5000 hour PTH warranty	\$ 3,069.00 X	1 =	\$ 3,069.00
Sub Total			\$ 246,110.28
WERKBRAU 4-TINED HYD PIN MOUNT THUMB JD 135P, W/ COUPLER & E12HD &	\$ 6,831.00 X	1 =	\$ 6,831.00
Equipment Total			\$ 252,941.28

Quote Summary

Equipment Total	\$ 252,941.28
SubTotal	\$ 252,941.28
Total	\$ 252,941.28
Balance Due	\$ 252,941.28

Salesperson : X _____

Accepted By : X _____

Confidential

Selling Equipment

Quote Id: 31757805

Customer: CITY OF MAUMEE SEWER DIVISION

JOHN DEERE 135 P-Tier Excavator				
Hours:				
Stock Number:				
				Selling Price
				\$ 243,041.28
Code	Description	Qty	Unit	Extended
8200FF	135 P EXCAVATOR BASE MACHINE	1	\$ 277,957.00	\$ 277,957.00
Standard Options - Per Unit				
170K	JDLink™	1	\$ 0.00	\$ 0.00
0202	Destination Code - United States	1	\$ 0.00	\$ 0.00
0259	English Customer Delivery Packet	1	\$ 0.00	\$ 0.00
0401	Configuration 1	1	\$ 28,623.00	\$ 28,623.00
Standard Options Total				\$ 28,623.00
Dealer Attachments				
BYT11977	Deluxe LED Worklight Upgrade Kit	1	\$ 1,700.00	\$ 1,700.00
AT421728	Mechanical Control Pattern Selector Kit	1	\$ 1,017.00	\$ 1,017.00
BYT13112	Right, Rear, and Left Camera System	1	\$ 2,843.00	\$ 2,843.00
HD140-65-60-1 005	Dlock coupler and toggle swith	1	\$ 6,851.76	\$ 6,851.76
EC20HD24	24" HD bucket	1	\$ 4,591.76	\$ 4,591.76
E12HDC36	36" HD bucket	1	\$ 5,534.12	\$ 5,534.12
1DCG601005A YS	60" Ditching bucket	1	\$ 4,912.94	\$ 4,912.94
Dealer Attachments Total				\$ 27,450.58
Service Agreements				
	John Deere Extended Warranty - 5 year 5000 hour PTH warranty	1	\$ 3,069.00	\$ 3,069.00
Service Agreements Total				\$ 3,069.00
Other Charges				
	install thumb	1	\$ 1,000.00	\$ 1,000.00
Other Charges Total				\$ 8,290.00
Suggested Price				\$ 345,389.58
Customer Discounts				
Customer Discounts Total			\$ -99,279.30	\$ -99,279.30
Total Selling Price				\$ 246,110.28

**WERKBRAU 4-TINED HYD PIN MOUNT THUMB JD 135P, W/ COUPLER &
E12HD &**



Selling Equipment

MURPHY
TRACTOR & EQUIPMENT CO.

Quote Id: 31757805

Customer: CITY OF MAUMEE SEWER DIVISION

Hours:		0		
Stock Number:				
				Selling Price
				\$ 6,831.00
Code	Description	Qty	Unit	Extended
EZGEX12-65	4-TINED HYD PIN MOUNT THUMB	1	\$ 6,831.00	\$ 6,831.00
Suggested Price				\$ 6,831.00
Customer Discounts				
Customer Discounts Total			\$ 0.00	\$ 0.00
Total Selling Price				\$ 6,831.00

135 / P

Excavator



JOHN DEERE





135 P-TIER EXCAVATOR

SIZABLE SOLUTION FOR REAL-WORLD ACTION

Whether your work is in urban renewal, underground utilities, or street repair, the John Deere 135 P-Tier Excavator is purpose-built to deliver legendary performance. Reduced-tail-swing design, ease of operation, and proven components are just a few of the customer-inspired details that have earned this mid-size muscle a well-deserved reputation in the industry and on jobsites just like yours. Plus a versatile range of production-boosting optional advantages like a durable backfill blade will help you realize all the tasks you can complete in your corner of the work world.

FEATURES



Dial it up

Multi-language LCD monitor and rotary dial provide intuitive access to a wealth of information and functions. Just turn and tap to select work mode, access operating info, check maintenance intervals, source diagnostic codes, adjust cab temperature, and tune the radio. Plus much more.

Close-quarter specialist

Maneuverable reduced-tail-swing model fits in tight or crowded spaces, minimizing the risk of damage to the machine or your surroundings. Optional rubber crawler pad helps cushion impact to concrete or asphalt when working on street repairs or in residential areas.

Put technology to work

John Deere Powerwise Plus™ technology delivers on-demand power. Precise pump flow when pilot controls are metered provides reliable, fuel-efficient machine performance.

Take control

Ergonomically correct short-throw pilot levers enable smooth, predictable fingertip control with less movement or effort. Sliding switch allows proportional speed control, for easy fingertip command of standard auxiliary hydraulics, maximizing machine versatility.

See it like never before

Integrated into the main monitor, optional right rear left camera system with additional LED surround lighting work together to supplement 270-degree visibility of the area around the machine, even in low-light conditions.



**REDUCED-
TAIL-SWING**
MODEL EASILY FITS IN

Comfort in the cab

Spacious and well-appointed cab features standard rearview camera for enhanced awareness. Sculpted mechanical-suspension high-back seat slides together or independent of the joystick console to help keep operators comfortably supported.

Do more with one

Optional backfill blade enhances machine stability and eliminates the need for extra equipment.

Added leverage

When the going gets tough, simply press the standard power-boost button on the right-hand control and muscle through.

DPF no more

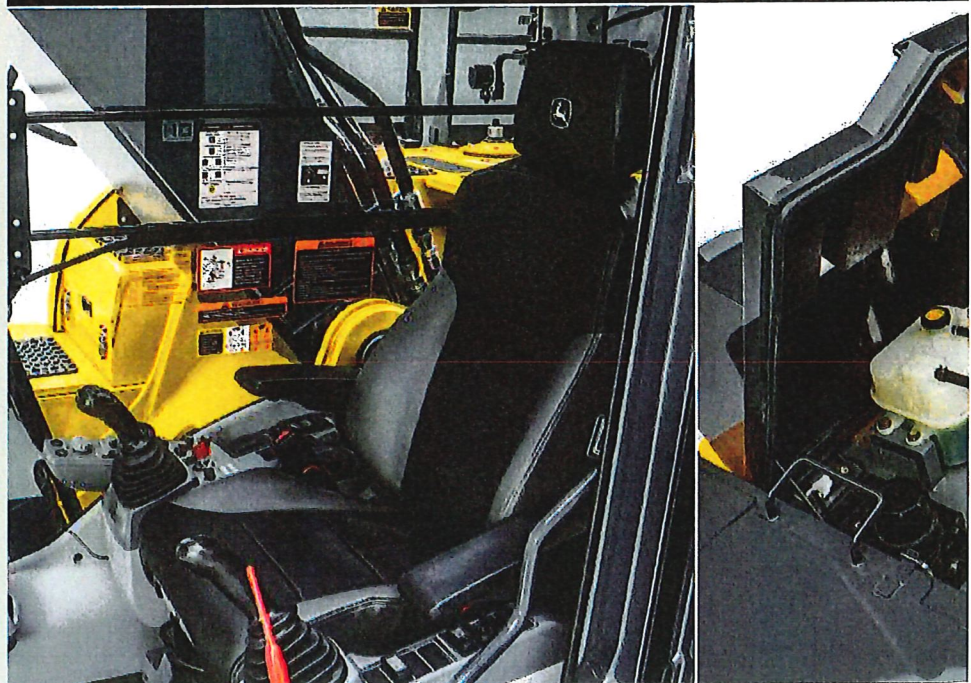
Efficient Isuzu engine burns particulate matter in the cylinder during combustion, eliminating ash-service intervals and regenerations, for EPA Final Tier 4/EU Stage IV aftertreatment without the need for a diesel particulate filter (DPF).

You'll be a fan

Highly efficient heavy-duty cooling system keeps things cool, even in tough environments or high altitudes. Cool-on-demand suction-type fan helps reduce material buildup and maintenance.

Uptime optimizers

Vertical spin-on fuel and engine oil filters are positioned for streamlined maintenance. Grouped service points and fluid-level sight gauges ease routine checks. Battery-disconnect switch in the rear door behind the cab helps extend battery life.



135 P-TIER EXCAVATOR



OPTIONAL BACKFILL BLADE BOOSTS VERSATILITY

Precision Construction

This suite of construction technology delivers **Productivity Solutions** to help you get more done, more efficiently. In-base JDLink™ connectivity provides machine location, utilization data, and alerts to help you maximize productivity and efficiency. To maximize uptime and lower costs, JDLink also enables **John Deere Connected Support™**. Dealers use Expert Alerts based on data from thousands of connected machines to proactively address conditions that may otherwise likely lead to downtime. Your dealer can also monitor machine health and leverage remote diagnostics and programming capability to further diagnose problems and even update machine software without a time-consuming trip to the jobsite.*

*Availability varies by region. Options not available in every country.



135

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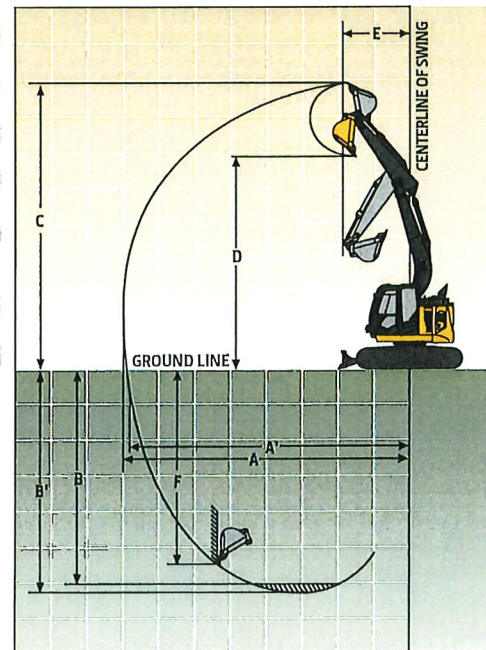
135 P-TIER EXCAVATOR SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine	135 P-TIER		
Base engine for use in the U.S., U.S. Territories, and Canada			
Manufacturer and Model	Isuzu 4JJ1		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	75 kW (101 hp) at 2,000 rpm		
Cylinders	4		
Displacement	3.0 L (182 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Direct-drive suction-type fan			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.4 km/h (2.1 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	11 217 kg (24,729 lb.)		
Hydraulics			
Open center, pilot operated			
Main Pumps	2 variable-displacement axial-piston pumps		
Maximum Rated Flow	105 L/m (28 gpm) x 2		
Pilot Pump	1 gear		
Maximum Rated Flow	32.9 L/m (8.7 gpm)		
Pressure Setting	3930 kPa (570 psi)		
System Operating Pressure			
Circuits			
Implement	34 300 kPa (4,975 psi)		
Travel	34 800 kPa (5,047 psi)		
Swing	32 300 kPa (4,685 psi)		
Power Boost	36 300 kPa (5,265 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
	Bore	Rod Diameter	Stroke
Boom (2)	105 mm (4.13 in.)	70 mm (2.76 in.)	941 mm (37.05 in.)
Arm (1)	115 mm (4.53 in.)	80 mm (3.15 in.)	1135 mm (44.69 in.)
Bucket (1)	100 mm (3.94 in.)	70 mm (2.76 in.)	875 mm (34.45 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	300 CCA		
Alternator Rating	50 amp		
Work Lights	2 LED (1 mounted on boom, 1 on frame)		
Undercarriage			
Rollers (per side)			
Carrier	1		
Track	7		
Shoes (per side)	44		
Track			
Adjustment	Hydraulic		
Guides	Front idler		
Chain	Sealed and lubricated		

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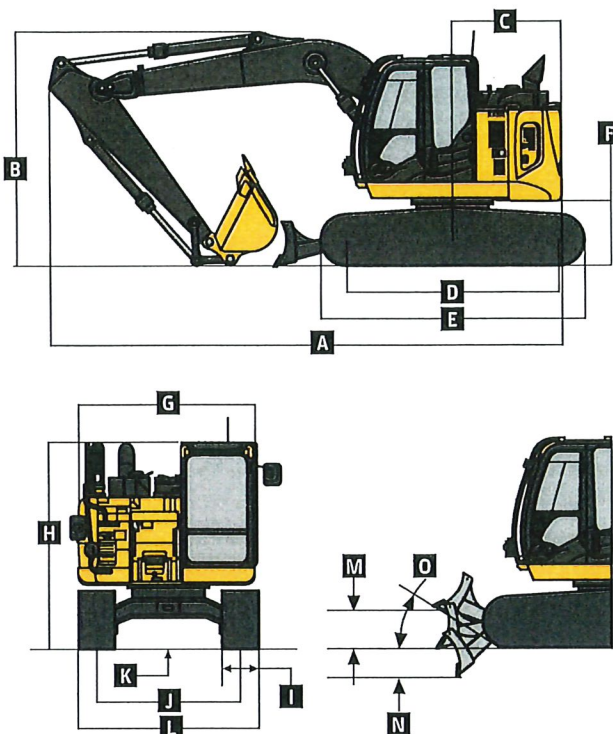
Ground Pressure			135 P-TIER	
			Without Blade	With Blade
Rubber Crawler Pad, 500 mm (20 in.)			43 kPa (6.24 psi)	46 kPa (6.67 psi)
Triple Semi-Grouser Shoes				
600 mm (24 in.)			37 kPa (5.37 psi)	39 kPa (5.66 psi)
700 mm (28 in.)			32 kPa (4.64 psi)	34 kPa (4.93 psi)
Swing Mechanism				
Speed			13.3 rpm	
Torque			34 000 Nm (25,000 lb.-ft.)	
Serviceability				
Refill Capacities			Refill Capacities (continued)	
Fuel Tank		220 L (58 gal.)	Gearbox	
Cooling System		21 L (22.2 qt.)	Swing	3 L (3.2 qt.)
Engine Oil With Filter		17 L (18 qt.)	Propel (each)	4 L (4.2 qt.)
Hydraulic Tank		60 L (15.9 gal.)	Diesel Exhaust Fluid (DEF) Tank	12 L (12.7 qt.)
Hydraulic System		125 L (33 gal.)		
Operating Weights				
With full fuel tank; 79-kg (175 lb.) operator; 914-mm (36 in.), 0.5-m ³ (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; and 3650-kg (8,047 lb.) counterweight				
Operating Weights			Without Blade	With Blade
Rubber Crawler Pad, 500 mm (20 in.)			13 900 kg (30,644 lb.)	14 900 kg (32,849 lb.)
Triple Semi-Grouser Shoes				
600 mm (24 in.)			14 100 kg (31,085 lb.)	15 100 kg (33,290 lb.)
700 mm (28 in.)			14 300 kg (31,526 lb.)	15 400 kg (33,951 lb.)
Optional Components				
Undercarriage				
Rubber Crawler Pad, 500 mm (20 in.)			4210 kg (9,281 lb.)	5247 kg (11,568 lb.)
Triple Semi-Grouser Shoes				
600 mm (24 in.)			4436 kg (9,780 lb.)	5473 kg (12,066 lb.)
700 mm (28 in.)			4628 kg (10,203 lb.)	5701 kg (12,569 lb.)
1-Piece Boom (with arm cylinder)			995 kg (2,194 lb.)	995 kg (2,194 lb.)
3.01-m (9 ft. 11 in.) Arm With Bucket			663 kg (1,462 lb.)	663 kg (1,462 lb.)
Cylinder and Linkage				
Boom-Lift Cylinders (2), Total Weight			232 kg (511 lb.)	232 kg (511 lb.)
Operating Dimensions				
Arm Length			3.01 m (9 ft. 11 in.)	
Arm Digging Force				
SAE			60 kN (13,490 lb.)	
ISO			61 kN (13,710 lb.)	
Bucket Digging Force				
SAE			91 kN (20,460 lb.)	
ISO			104 kN (23,380 lb.)	
A Maximum Reach			8.86 m (29 ft. 2 in.)	
A' Maximum Reach at Ground Level			8.72 m (28 ft. 4 in.)	
B Maximum Digging Depth			5.98 m (20 ft. 0 in.)	
B' Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom			5.79 m (19 ft. 2 in.)	
C Maximum Cutting Height			9.69 m (31 ft. 8 in.)	
D Maximum Dumping Height			7.22 m (23 ft. 4 in.)	
E Minimum Swing Radius			2.45 m (8 ft. 4 in.)	
F Maximum Vertical Wall			5.19 m (16 ft. 8 in.)	



135 P-TIER

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Machine Dimensions		135 P-TIER
Arm Length		3.01 m (9 ft. 11 in.)
A Overall Length		7.39 m (24 ft. 3 in.)
B Overall Height		2.78 m (9 ft. 1 in.)
C Rear-End Length/Swing Radius		1.49 m (4 ft. 11 in.)
D Distance Between Idler/Sprocket Centerline		2.88 m (9 ft. 5 in.)
E Undercarriage Length		3.58 m (11 ft. 9 in.)
F Counterweight Clearance		840 mm (33 in.)
G Upperstructure Width		2.48 m (8 ft. 2 in.)
H Cab Height		2.87 m (9 ft. 5 in.)
I Track Width		
With Rubber Crawler Pad		500 mm (20 in.)
With Triple-Semi Grouser Shoes		600 mm (24 in.) / 700 mm (28 in.)
J Gauge Width		1.99 m (6 ft. 6 in.)
K Ground Clearance		410 mm (16 in.)
L Overall Width		
Rubber Crawler Pad, 500 mm (20 in.)		2.49 m (8 ft. 2 in.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)		2.59 m (8 ft. 6 in.)
700 mm (28 in.)		2.69 m (8 ft. 10 in.)
M Blade Lift Height		460 mm (18 in.)
N Blade Cut Below Grade		540 mm (21 in.)
O Blade Lift Angle		28.5 deg.
Blade		
Length		2.51 m (8 ft. 3 in.)
Height		460 mm (18 in.)
Width		
Rubber Crawler Pad, 500 mm (20 in.)		2490 mm (8 ft. 2 in.)
Triple Semi-Grouser Shoes		
600 mm (24 in.)		2490 mm (8 ft. 2 in.)
700 mm (28 in.)		2690 mm (8 ft. 10 in.)



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Lift Capacities

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Boldface type indicates hydraulically limited capacity; **lightface type** indicates stability-limited capacities, in kg (lb.). All lift capacities are based on ISO 10567 (with power boost). Machine equipped with standard counterweight and situated on firm, level, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine.

LOAD POINT HEIGHT	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION									
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)	
	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
<i>With 3.01-m (9 ft. 11 in.) arm and 500-mm (20 in.) rubber crawler pad, blade on ground, less bucket</i>										
6.0 m (20 ft.)					3120 (6,920)	3120 (6,920)				
4.5 m (15 ft.)					3410 (7,450)	3410 (7,450)	3320 (7,160)	2450 (5,280)		
3.0 m (10 ft.)			5240 (10,980)	5240 (10,980)	4240 (9,210)	3700 (7,980)	3650 (7,970)	2360 (5,090)		
1.5 m (5 ft.)			8340 (17,960)	6240 (13,450)	5280 (11,430)	3420 (7,380)	4090 (8,900)	2240 (4,840)	2510 (4,460)	1590 (3,420)
Ground Line			6610 (15,330)	5780 (12,450)	6000 (12,990)	3200 (6,910)	4420 (9,590)	2140 (4,610)		
-1.5 m (-5 ft.)	4120 (9,250)	4120 (9,250)	8600 (19,730)	5680 (12,210)	6090 (13,200)	3100 (6,690)	4400 (9,520)	2080 (4,500)		
-3.0 m (-10 ft.)	7170 (16,190)	7170 (16,190)	8030 (17,340)	5740 (12,350)	5430 (11,680)	3110 (6,710)				
-4.5 m (-15 ft.)			5290 (11,100)	5290 (11,100)						
<i>With 3.01-m (9 ft. 11 in.) arm and 600-mm (24 in.) triple semi-grouser shoes, blade on ground, less bucket</i>										
6.0 m (20 ft.)					3120 (6,920)	3120 (6,920)				
4.5 m (15 ft.)					3410 (7,450)	3410 (7,450)	3320 (7,160)	2420 (5,200)		
3.0 m (10 ft.)			5240 (10,980)	5240 (10,980)	4240 (9,210)	3650 (7,870)	3650 (7,970)	2330 (5,020)		
1.5 m (5 ft.)			8340 (17,960)	6150 (13,260)	5280 (11,430)	3370 (7,270)	4090 (8,900)	2210 (4,770)	2510 (4,460)	1560 (3,360)
Ground Line			6610 (15,330)	5690 (12,260)	6000 (12,990)	3150 (6,800)	4420 (9,590)	2100 (4,540)		
-1.5 m (-5 ft.)	4120 (9,250)	4120 (9,250)	8600 (19,730)	5590 (12,020)	6090 (13,200)	3050 (6,580)	4400 (9,520)	2050 (4,430)		
-3.0 m (-10 ft.)	7170 (16,190)	7170 (16,190)	8030 (17,340)	5650 (12,160)	5430 (11,680)	3060 (6,610)				
-4.5 m (-15 ft.)			5290 (11,100)	5290 (11,100)						
<i>With 3.01-m (9 ft. 11 in.) arm and 700-mm (28 in.) triple semi-grouser shoes, blade on ground, less bucket</i>										
6.0 m (20 ft.)					3120 (6,920)	3120 (6,920)				
4.5 m (15 ft.)					3410 (7,450)	3410 (7,450)	3320 (7,160)	2450 (5,270)		
3.0 m (10 ft.)			5240 (10,980)	5240 (10,980)	4240 (9,210)	3690 (7,970)	3650 (7,970)	2360 (5,090)		
1.5 m (5 ft.)			8340 (17,960)	6230 (13,440)	5280 (11,430)	3420 (7,380)	4090 (8,900)	2240 (4,840)	2510 (4,460)	1590 (3,420)
Ground Line			6610 (15,330)	5780 (12,440)	6000 (12,990)	3200 (6,900)	4420 (9,590)	2140 (4,610)		
-1.5 m (-5 ft.)	4120 (9,250)	4120 (9,250)	8600 (19,730)	5670 (12,200)	6090 (13,200)	3100 (6,680)	4400 (9,520)	2080 (4,500)		
-3.0 m (-10 ft.)	7170 (16,190)	7170 (16,190)	8030 (17,340)	5740 (12,340)	5430 (11,680)	3110 (6,710)				
-4.5 m (-15 ft.)			5290 (11,100)	5290 (11,100)						

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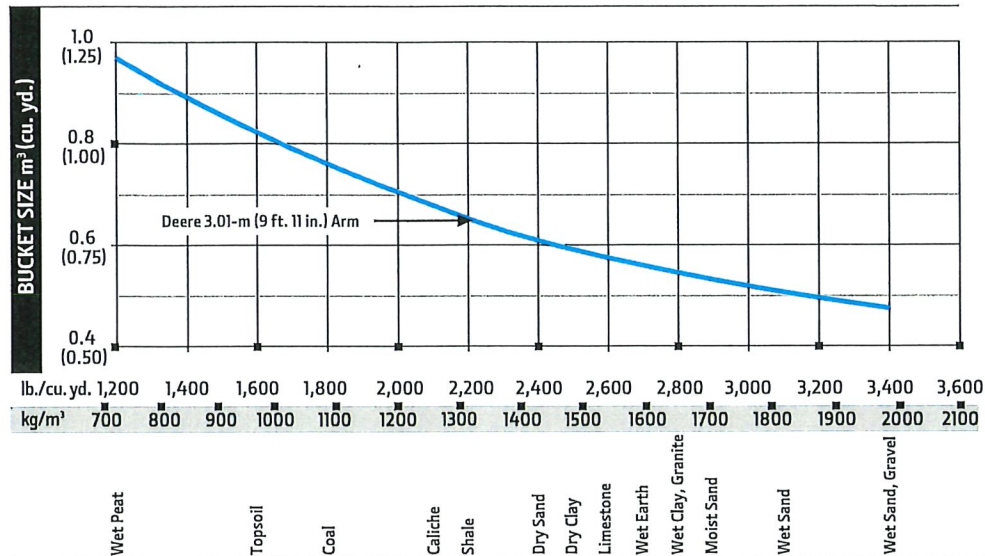
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Buckets 135 P-TIER

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series Bucket Teeth standard. Replaceable cutting edges and a variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Bucket Type	Bucket Width		Bucket Capacity		Bucket Weight	
	mm	in.	m ³	cu. yd.	kg	lb.
Heavy Duty	610	24	0.36	0.47	359	791
	762	30	0.49	0.64	397	875
	914	36	0.62	0.81	448	987
	1067	42	0.76	0.99	484	1,065

Bucket Selection Guide*



* Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

Additional equipment

Key: ● Standard ▲ Optional or special
See your John Deere dealer for further information.

135 P Engine

- Auto-idle system
- Automatic belt-tension device
- Batteries (2 – 12 volt)
- Coolant recovery tank
- Dual-element dry-type air filter
- Electronic engine control
- Enclosed fan guard (conforms to SAE J1308)
- Engine coolant to –37 deg. C (–34 deg. F)
- Fuel filter with water separator
- Full-flow oil filter
- Turbocharger with charge-air cooler
- 500-hour engine-oil-change interval
- 70% (35 deg.) off-level capability
- Programmable auto shutdown
- ▲ Severe-duty fuel filter

Hydraulic System

- Reduced-drift valve for boom down, arm in
- Auxiliary hydraulic valve section
- Spring-applied, hydraulically released automatic swing brake
- Auxiliary hydraulic-flow adjustments through monitor
- Auto power lift
- 5,000-hour hydraulic-oil-change interval
- Auxiliary hydraulic lines with hand-controlled proportional control
- ▲ Load-lowering control device
- ▲ Single-pedal propel control
- ▲ Control pattern-change valve

Undercarriage

- Planetary drive with axial piston motors
- Propel motor shields
- Spring-applied, hydraulically released automatic propel brake
- Track guides, front idler
- 2-speed propel with automatic shift
- Upper carrier roller (1)
- Sealed and lubricated track chain
- ▲ Rubber crawler pads, 500 mm (20 in.)
- ▲ Triple semi-grouser shoes, 600 mm (24 in.)
- ▲ Triple semi-grouser shoes, 700 mm (28 in.)
- ▲ Undercarriage with blade

135 P Upperstructure

- Right-hand, left-hand, and counterweight mirrors
- Vandal locks with ignition key: Cab door / Service doors / Toolbox
- Debris screening
- Remote-mounted engine oil and fuel filters

Front Attachments

- Centralized lubrication system
- Dirt seals on all bucket pins
- Oil-impregnated bushings
- Reinforced resin thrust plates
- Tungsten carbide thermal coating on arm-to-bucket joint
- Arm, 3.01 m (9 ft. 11 in.)
- ▲ Attachment quick-couplers
- ▲ Buckets: Ditching / Heavy duty / Heavy-duty high capacity / Side cutters and teeth
- ▲ Material clamps/Hydraulic thumb

Operator's Station

- Meets ISO 12117-2 for ROPS
- Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
- AM/FM radio
- Auto climate control/air conditioner/heater/pressurizer
- Built-in Operator's Manual storage compartment and manual
- Cell-phone power outlet, 12 volt, 60 watt, 5 amp
- Coat hook
- Deluxe mechanical-suspension cloth seat with 100-mm (4 in.) adjustable armrests
- Floor mat
- Front windshield wiper with intermittent speeds
- Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
- Horn, electric
- Hour meter, electric
- Hydraulic shutoff lever, all controls
- Hydraulic warm-up control
- Interior light
- Large cup holder
- Machine Information Center (MIC)

135 P Operator's Station (continued)

- Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1)
- Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator
- Motion alarm with cancel switch (conforms to SAE J994)
- Power-boost switch on right console lever
- SAE 2-lever control pattern
- Seat belt, 76 mm (3 in.), non-retractable
- Tinted glass
- Transparent tinted overhead hatch
- Hot/cold beverage compartment
- ▲ Hydraulic oil filter restriction indicator light
- ▲ Protection screens for cab front, rear, and side
- ▲ Window vandal-protection covers

Electrical

- 50-amp alternator
- Blade-type multi-fused circuits
- Positive-terminal battery covers
- JDLink™ wireless communication system (available in specific countries; see your dealer for details)
- ▲ Right rear left 270-deg. camera system with additional LED surround lighting
- Rearview camera

Lights

- Work lights: LED / 1 mounted on boom / 1 mounted on frame
- ▲ 2 lights mounted on cab / 1 mounted on right side of boom

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Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with 914-mm (36 in.), 0.5-m³ (0.65 cu. yd.), 414-kg (913 lb.) general-purpose bucket; 3.01-m (9 ft. 11 in.) arm; 3650-kg (8,047 lb.) counterweight; 700-mm (28 in.) triple-semi grouser shoes; full fuel tank; and 79-kg (175 lb.) operator.



SAFETY
1-800-4-A-DEERE
METSPAT (22-11)



JOHN DEERE