

WHITEWATER TOWNSHIP BOARD
AGENDA FOR SPECIAL MEETING – MARCH 21, 2024
9:00 a.m. at the Whitewater Township Hall
5777 Vinton Road, Williamsburg, MI 49690
Phone 231-267-5141/Fax 231-267-9020

At this time, the Board invites everyone to silence their electronic devices.

Whitewater Zoom is inviting you to a scheduled Zoom meeting.

Topic: Whitewater Township Special Board Meeting ZA – Interim Fire Chief Interviews - Budget Work Session

Time: Mar 21, 2024 09:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us06web.zoom.us/j/86267835570?pwd=U4hUKFjm9lbqaqiPrH96fBcnqx8u7T.1>

Dial by your location: 1 309 205 3325 US, 1 312 626 6799 US (Chicago), 1 646 558 8656 US (New York) 1 720 707 2699 US (Denver), 1 253 215 8782 US (Tacoma), 1 346 248 7799 US (Houston)

Find your local number: <https://us06web.zoom.us/u/k4BAJSVC>

Whitewater Township will provide necessary reasonable auxiliary aids and services to individuals with disabilities upon reasonable advance notice. Contact the Township Clerk at 231.267.5141 Ext. 24 at least 5 days in advance of the meeting.

- A. Call to Order
- B. Roll Call of Board Members
- C. Set/Adjust Meeting Agenda -
- D. Declaration of Conflict of Interest
- E. Public Comment. Any person shall be permitted to address a meeting of the township board. Public comment shall be carried out in accordance with the following board rules and procedures:
 - 1. Comments shall be directed to the board, with questions directed to the chair.
 - 2. Any person wishing to address the board shall speak from the lectern and state his or her name and address.
 - 3. Persons may address the board on matters that are relevant to township government issues.
 - 4. No person shall be allowed to speak more than once on the same matter, excluding the time needed to answer board member's questions. The chair shall control the amount of time each person shall be allowed to speak, which shall not exceed five (5) minutes.

F. Agenda Items as Listed in the Special Meeting Notice

1. Interim Fire Chief Interview – 9:00 AM
2. Za Interviews
 - a. Bob Hall – As his schedule allows
 - b. Alycia Reiten 4:00 Pm
3. Budget Work Session all funds

G. Board Comments/Discussion

H. Public Comment

I. Adjournment

Whitewater Township will provide necessary reasonable auxiliary aids and services to individuals with disabilities who are planning to attend. Contact the township clerk at 231-267-5141.

Memo

To: Whitewater Township Board of Trustees
CC: None
Date: 3.20.2024
Re: Interim Fire Chief Interview Agenda Place Holder 3.21.2024

Board Members –

This memo is presented to hold an agenda spot for Interim Fire Chief post for the Whitewater Township Fire Department. Resume and application documents have been provided under separate cover previously.

Respectfully submitted,



Recording Secretary
Whitewater Township FOIA Coordinator
Supervisor, Whitewater Township

Memo

To: Whitewater Township Board of Trustees
CC: None
Date: 3.20.2024
Re: Zoning Administrator Interview Agenda Place Holder 3.21.2024

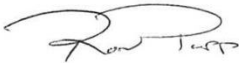
Board Members –

This memo is presented to hold an agenda spot for Zoning Administrator interviews. Resumes documents have been provided under separate cover previously.

Bob Hall – As his schedule allows after the Interim Fire Chief interviews.

Alycia Reiten – 4:00 Pm

Respectfully submitted,



Recording Secretary
Whitewater Township FOIA Coordinator
Supervisor, Whitewater Township

Memo

To: Whitewater Township Board of Trustees
CC: None
Date: 3.20.2024
Re: Budget Work Session - 3.21.2024

Board Members –

This is an agenda place holder for the budget work session.

Respectfully submitted,



Recording Secretary
Whitewater Township FOIA Coordinator
Supervisor, Whitewater Township

Memo

To: Whitewater Township Board of Trustees
CC: None
Date: 3.20.2024
Re: Campground & Park Improvement Project Needs 3.21.2024

Board Members –

This business item is presented to allow Trustee Don Glenn and/or Ron Popp a forum to the Board to discuss any relevant matters regarding the camping park or the Park Improvement Project.

- 1) Portable Restroom Trailers has a used 2019 ADA portable restroom trailer for sale <https://www.portablerestroomtrailers.com/used-ada-restroom-trailer-2-station-mariner-series-4-season-package.html> which is the information you last reviewed at our 3.19.2024 budget meeting. The cost is \$89,500.00. I have attached their “bill of sale” which needs to be completed and notarized. Full payment must be sent before delivery arrangements are made. The purchase process as noted above is not very user friendly for a governmental entity and during the process of figuring out how to navigate it, internet AI helper made several recommendations. Please see the next line item.
- 2) AI suggested National Restroom Trailers (NRT) another manufacture with the type of used equipment we are looking for. Contact was made with Jim Herberger, he has one used unit that was a promotional item for Charmin Toilet Paper. The trailer has never been placed into service simply towed to various advertisement venues as a discussion piece. Images and pricing of that offering are attached.

In case the gold trim is not our style, Jim created a proposal for a new unit. That proposal is also attached. The price Jim quoted is actually about 21K cheaper than the original used unit we were looking at. There will be incidental materials, cords, wheel covers and the like that we must/should consider purchasing along with this investment. As those ancillary costs present themselves purchase orders will be requested. The 2023/2024 budget contemplated 100K expenditure for this item and if the following motion is passed a 50% down payment of \$33,993.00 will be required to begin the build process. The last half of the payment will hit in the 2024/2025 budget in the same amount \$33,993.00.

Motion One: authorizing the supervisor to sign the National Restroom Trailer purchase agreement 2024.3.19.2 dated 3.19.2024 in the amount of \$67,986.00.

- 3) Any park business that needs board attention.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ron Tapp". The signature is stylized with a large, looping initial "R" and a long horizontal stroke.

Recording Secretary
Whitewater Township FOIA Coordinator
Supervisor, Whitewater Township



Account Owner: Scott Comerford

Whatever Your Event, We Have the Right Solution!

Phone: 1-877-600-8645 Email: info@portablerestroomtrailers.com www.portablerestroomtrailers.com

BILL OF SALE: 2019 USED ADA +2 RESTROOM TRAILER – MARINER SERIES – 4 SEASON PACKAGE **DATE: 3-20-2024**

Buyer: Whitewater Township
Contact: Ron Popp
Email/Phone: supervisorwhitewater@gmail.com
– 231-409-5059

PRICE: \$89,480
FREIGHT QUOTE: FREE with 1000 mile credit

VIN: 4S97E19S0K2345200
Unit # STA897159-1
Mailing Address: 5777 Vinton Road
Williamsburg, MI 49690

Fed Tax ID# [REDACTED]
Delivery Address:
SAME
Delivery Contact: SAME

The 2019 USED ADA +2 Restroom Trailer – Mariner Series – 4 Season Package, VIN: 4S97E19S0K2345200 is being transferred upon payment in full from Portable Restroom Trailers LLC to Whitewater Township.

The verified signed Bill of Sale is a letter of intent and requires funding in full to complete a sale.

Please indicate form of payment:

- **Wire/ACH** [REDACTED]
- **Check** [REDACTED] (Copy of check must be provided within 48 hours. Complimentary shipping label will be provided)
- **Credit Card** [REDACTED] (Front & back copies of Driver's License & credit card required) *A 3% processing fee will be applied
- **Financing** [REDACTED] (Name of Approved Lender/Address): _____

Date payment will be made by: [REDACTED]*

***This Bill of Sale expires (without deposit or purchase order) after 48 hours.**

Initial Here: [REDACTED]

- Portable Restroom Trailers LLC has not inspected the systems on the trailer
- Purchaser relies upon their own performed inspection of the trailer to determine its condition
- and acceptability for the purpose purchased. Purchaser accepts the trailer in as-is condition
- Buyer is responsible for all local and state sales tax and fees.

The sale is subject to the following conditions and representations:

- Full payment from the Buyer to take place prior to removal from Seller's property
- Seller reserves the right to showcase the Buyer's solutions in their marketing materials (including, but not limited to, the Company website)
- Seller warrants to Buyer that Seller has good and marketable title to said property, full authority to sell and transfer said property, and that said property is sold free of all liens, encumbrances, liabilities, and adverse claims of every nature and description whatsoever
- Seller has no knowledge of any hidden defects in and to the Vehicle, and believes to the best of the seller's knowledge that the vehicle being sold is in good operating condition
- Said Vehicle is otherwise sold in "as is" condition and where currently located
- The Federal Tax ID is correct, and the Buyer Name listed will be used on the Title to register the unit.
- The Parties hereto specifically consent to the jurisdiction of the courts of the state of South Carolina in connection with any formal litigation or other claims brought to by either Party hereto against the other arising under this Agreement.
- **Drivers do not set up the trailer. If this is requested/required, this option can be added for an additional fee. Additional time for delivery scheduling will be needed.** **Initial:** [REDACTED]
- **Title/MSO to be provided by mail 2-6 weeks from delivery and cannot be replaced.** **Initial:** [REDACTED]

Purchaser Signature: _____ Printed: _____ Date: _____

Notary signature and seal: _____

Seller: Teri Pahon, Portable Restroom Trailers LLC Printed: Teri Pahon Date: 3-20-2024



Account Owner: Scott Comerford

Whatever Your Event, We Have the Right Solution!

Phone: 1-877-600-8645 Email: info@portablerestroomtrailers.com www.portablerestroomtrailers.com

Please confirm the following for your title:

Your Full Business Name (or name to be listed): _____

If Financing, name of lender: _____

Address to Mail your Title (we do not send to PO Boxes) as signature will be required:

Street City ST ZIP

Name of person who will sign for the Title:

Name Phone Number Email

Wiring Information to Truist (Previously BB&T)

Bank Address: 601 Hawley Ave, Belmont, NC 28012
Bank Phone: (704) 825-6440 open until 5 pm EST
Bank Routing: 053101121
Bank Account: 0005105566338
Bank Swift Code: BRBTUS33 (for International)
Account Name: Portable Restroom Trailers, LLC
Account Address: 6414 W. Wilkinson Blvd. Suite 141 Belmont, NC 28012

For Check Payments, Please Remit to:

6414 W. Wilkinson Blvd. Suite#141 Belmont, NC 28012

Page 2 of 2



NRT Sales LLC
 NY, IL, TN, CA
 Office: 1-877-727-3621 ext.104
 Fax: 716-276-0640
 Email: Jim@nrtsales.com
 Phone 716-863-1236

PURCHASE AGREEMENT
 2024.3.19.3

Date: 3/19/2024

WHITEWATER TOWNSHIP

Name: Ron Popp
Address: 5777 Winton Rd
City, State: Williamsburg MI
Zip: 49690

Phone: 231-409-5059
Fax:
Email: supervisorwhitewater@gmail.com

SHIP TO:
Business: Same
Address:
City, State:
Contact:
Phone:

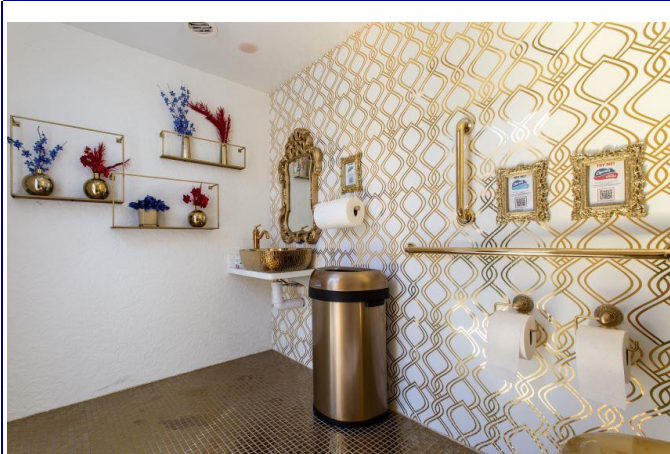


2020 Satellite 6X19' ADA + 2 Lowering Restroom Trailer with Ramp VIN 45133



Quantity 1
Each \$49,000.00

BASE PRICE
\$49,000.00



STANDARD ITEMS:

- Heavy Duty Fold-up Alum. Steps & Handle
- Oversized Structural Steel Beams
- Steel Construction (No Wood Framing)
- HD Tube Framed Doors & Hydraulic Closures
- Battery Powered Trailer Runaway Protection
- Poly Insulation
- Smooth Exterior Siding
- One Piece Seamless Roof
- 10,000 Lb Torsion Axle
- Scissor Jack Levelers
- Large Steps and Handrails
- LED Interior-Exterior Trailer Lighting Package
- Commercial PEX Water Lines
- Electric Brakes
- 2- 5/16" Trailer Receiver
- Chip Resistant Undercoating
- Air Conditioning

[See the next page for Optional Items](#)

[Pictures taken recently](#)

Options listed on page 2	\$0.00	\$ -
	Sub Total:	\$49,000.00
Delivery Charge FOB Patterson NJ		\$ 2,407.00

PURCHASE PRICE
\$51,407.00

LEAD TIME: - In stock, ready for delivery

Notes: All pre-owned trailers are sold "as-is." There may be some cosmetic wear as with any used vehicle. Trailer is completely functional, any known issues listed specifically here: No issues. This restroom trailer was used at promotional events "for show purposes only" and has never been used, it is in like new condition. All branding has been removed.



PURCHASE AGREEMENT
2024.3.19.3



Included Equipment

- 105 Gallon Fresh Water Tank with Pump
- 300 Gallon Poly Waste Tank
- Custom Gold Jetted Toilets
- Gold Doors, Fenders, Trim, Sinks, Toilets, Ramp, Rails, Floor, Professionally Painted with Automotive Paint
- Entertainment Package Blue Tooth Radio, Speakers in all rooms
- Gold Toilet Paper Dispensers, Mirrors
- A/C and Heat
- ADA Ramp is Powder Coated
- Air Circulators have been installed to refresh the air in each station within 20 seconds

ITEMS NOT INCLUDED IN PURCHASE PRICE (some items may increase lead time)

Initial	Customized Additions	\$/ea	Total \$
			\$0
			\$0
			\$0
			\$0

Optional items included in final cost are highlighted in yellow.

OPTIONS PRICE

Pre owned trailers: Full payment due prior shipping or pick up

Terms and Conditions all trailers:

*By Signing Below, Buyer Agrees to NRT Sales LLC Terms and Conditions on this sheet.
National Restroom Trailers is not responsible for State, Local or any "other" financial requirements related to Building Codes, Compliance or Registration of product.
 Your signature represents a binding contract between you, your company or organization and NRT Sales. Buyer understands that orders cancelled within seven (7) days of receiving deposit or full payment (if more than thirty (30) days before scheduled delivery) will be subject to a 5% cancellation fee and any credit card or processing fees will not be refunded.
Orders cannot be cancelled or refunded if more than seven (7) days of receiving deposit or orders are less than thirty (30) days from scheduled delivery.
 *Items are the sole property of NRT Sales LLC until full payment is made and must be turned over if payment isn't made within 90 days of delivery.
 *Quoted lead times are estimated. Production times may vary due to circumstances beyond our control.
 *Any specific requests must be noted on this quote form, or we will build to our standards. This includes but is not limited to materials, fixture locations, and overall design.
 *Items discussed, but not listed on this quotation, will not be added to your final trailer build. This is a custom trailer being built for you.
 *Your signature below will serve as acceptance and approval of all trailer pricing, specifications, accessories, and designs listed on this quote.

INITIAL HERE _____

INITIAL HERE _____

Signature: _____

Date: _____

Print Name: _____



NRT Sales LLC
 NY, IL, TN, CA
 Office: 1-877-727-3621 ext.104
 Cell: 716-863-1236
 Email: Jim@nrtsales.com

PURCHASE AGREEMENT
 2024.3.19.2

Date: 3/19/2024
 Quote is good for 20 days

WHITEWATER TOWNSHIP

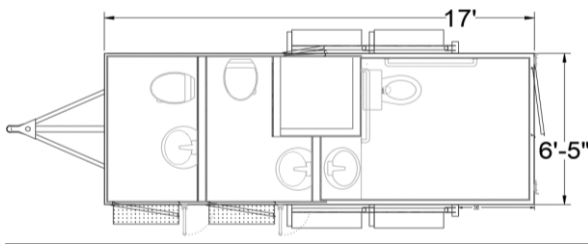
Name: Ron Popp
 Address: 5777 Winton Rd
 City, State: Williamsburg MI
 Zip: 49690

Phone: 231-409-5059
 Fax:
 Email: supervisorwhitewater@gmail.com

SHIP TO:
 Business: Same
 Address:
 City, State:
 Contact:
 Phone:



2024 ADA + 2, 17' Length + Tongue, Restroom Trailer with 300 Gallon Waste Tank



Quantity 1
 Each \$66,966.00

BASE PRICE
\$66,966.00



STANDARD ITEMS:

- Heavy Duty Fold-up Alum. Steps & Handle
- Oversized Structural Steel Beams
- Steel Construction (No Wood Framing)
- HD Tube Framed Doors & Hydraulic Closures
- Battery Powered Trailer Runaway Protection
- Poly Insulation
- Smooth Aluminum Exterior Siding
- One Piece Aluminum Seamless Roof
- Dexter (ITS) Independent Torsion Axles
- Scissor Jack Levelers
- Keyed alike Locks
- LED Interior-Exterior Trailer Lighting Package
- Commercial PEX Water Lines
- Electric Brakes
- 2- 5/16" Trailer Receiver
- Chip Resistant Undercoating
- 3" Waste Connection

[See the next page for Optional Items](#)

[Pictures are for reference only and will not reflect the final product](#)

1	Options listed on page 2	\$0.00	\$ -
		Sub Total:	\$66,966.00
Applied discount to Sub Total		None	0.00%
Delivery Charge per Mile 352 miles			\$ 1,020.00

FINAL PRICE
\$67,986.00

Financing Available -

EST LEAD TIME: Late June of 2024 if ordered this week.	50% DEPOSIT	\$ 33,993.00
	50% Due Upon Completion	\$ 33,993.00

Notes: Options highlighted in yellow, page 2. NOTE LEAD TIME, TRAILER WILL BE OUT OF PRODUCTION IN LATE JUNE IF ORDERED BY MARCH 22.



OPTIONAL ITEMS

Qty	Option	\$/ea	Total \$
	Interior upgrade to Smooth White or Grey FRP Panels (per Trailer foot)	\$80	\$0
	Custom Wall Cover TBD per Trailer	\$0	\$0
	Upgrade to 6 Panel Doors from Standard Partitions (per Door)	\$300	\$0
	Wash Down Package (Aluminum Interior Trim caulked along bottom so walls can be scrubbed) per Trailer foot (FRP Basic Interior Only)	\$40	\$0
	Generator Mount on Tongue of Trailer	\$1,000	\$0
	Generator to Power Trailer per Trailer Design TBD	\$0	\$0
	Custom Vinyl Wrap of Exterior of Trailer (Customer to supply graphics for wrapping) (per sq. ft.)	\$50	\$0
	Remote Monitoring Application (Includes Deep Cycle Battery)	\$1,200	\$0
	Solar Panel Charging (per Solar Panel) - Includes Deep Cycle Battery	\$950	\$0
	Lowering Trailer with Fold Up Ramp and Railing (Wheelchair access, Grinder Pump Toilet required)	INCL	INCL
	Lowering ADA Module with Fold Up Ramp and Railing - Hydraulic Lowering (Wheelchair access, Grinder Pump Toilet required)	\$10,500	\$0
	Outreach Lift System - Handicap lift ramp with additional step (Attendant is required)	\$6,800	\$0
	Full Size Aluminum Ramp System (Installed on site) TBD per Trailer Design	\$0	\$0
			\$0

Qty	Option	\$/EA	Total \$	Qty	Option	\$/ea	Total \$
	Coin Rubber Floor (per Trailer foot)				Standard Residential Toilet (upgrade)	\$250	\$0
	Aluminum Wheels (each)				Additional Urinal	\$450	\$0
3	Powered Vent/ Skylight with Vent Cover (each)	INCL	INCL		Upgrade to Single Sink Vanity Cabinet	\$475	\$0
	Diamond Plate Rock Guard		\$0		Upgrade to Double Sink Vanity Cabinet	\$350	\$0
1	Spare Tire - mounted	INCL	INCL	3	Pedestal or Wall Mounted Sink	INCL	INCL
	Utility Room w/ Door	INCL	INCL	3	Single Framed Mirror	INCL	INCL
	Vacant/ Occupied LED Indicators		\$0		Double Framed Mirror	\$280	\$0
	Water tank/ pump, 105 gallons		\$0		Tamper Proof SS Mirror	\$125	\$0
1	Water tank/ pump, 140 gallons	INCL	INCL	1	Baby Changing Station	INCL	INCL
	Water tank/ pump, 225 gallons		\$0		12" x 4" Stainless Steel Shelf	\$60	\$0
	Water tank/ pump, 300 gallons		\$0		Complete 32 x 32 Shower Stall	\$0	\$0
	Water tank/pump, 400 gallons		\$0	2	Pedal Flush Toilet	INCL	INCL
1	Hot Water Heater (Cabinet/ Utility)	INCL	INCL		ADA Macerator Toilet	INCL	INCL
4	Wall heaters	INCL	INCL		ADA Sink	INCL	INCL
	Cold Weather Package	INCL	INCL	ACCESSORIES - Not Installed at factory unless requested			
	Fiberglass Subfloor (per Trailer foot)		\$0		Electric Hand Dryer (no heat)	\$850	\$0
	Outlets - GFI protected		\$0	3	Double Roll Toilet Paper Dispenser	INCL	INCL
	Floor Drain		\$0	3	Stainless Steel C-Fold Towel Dispenser	INCL	INCL
	Dual 40# Propane Tanks mounted on Tongue		\$0		Enmotion Hands Free Towel Dispenser	\$205	\$0
	Dual 100# Propane Tanks mounted on Tongue		\$0		Stainless Steel Garbage Can	\$135	\$0
	Dometic 13,500 BTU AC	INCL	INCL	3	Foaming or Liquid Soap Dispenser	INCL	INCL
	Navien 199,000 BTU LP On Demand Water Heater		\$0	2	Sanitary Napking Disposal SS	INCL	INCL
			\$0				
			\$0				

CUSTOMIZED ITEMS (some items may increase lead time)

Qty	Customized Additions	\$/ea	Total \$
			\$0
			\$0
			\$0
			\$0
			\$0

Optional items included in final cost are highlighted in yellow.

OPTIONS PRICE
\$0.00

New builds: Deposit or PO must be received within 72 hours to secure production space.

Pre owned trailers: Full payment due prior shipping or pick up

Terms and Conditions all trailers:

*By Signing Below, Buyer Agrees to NRT Sales LLC Terms and Conditions on this sheet.
National Restroom Trailers is not responsible for State, Local or any "other" financial requirements related to Building Codes, Compliance or Registration of product.
 Your signature represents a binding contract between you, your company or organization and NRT Sales. Buyer understands that orders cancelled within seven (7) days of receiving deposit or full payment (if more than thirty (30) days before scheduled delivery) will be subject to a 5% cancellation fee and any credit card or processing fees will not be refunded.
Orders cannot be cancelled or refunded if more than seven (7) days of receiving deposit or orders are less than thirty (30) days from scheduled delivery.
 *Items are the sole property of NRT Sales LLC until full payment is made and must be turned over if payment isn't made within 90 days of delivery.
 *Quoted lead times are estimated. Production times may vary due to circumstances beyond our control.
 *Any specific requests must be noted on this quote form, or we will build to our standards. This includes but is not limited to materials, fixture locations, and overall design.
 *Items discussed, but not listed on this quotation, will not be added to your final trailer build. This is a custom trailer being built for you.
 *Your signature below will serve as acceptance and approval of all trailer pricing, specifications, accessories, and designs listed on this quote.

INITIAL HERE _____

INITIAL HERE _____

Signature: _____

Date: _____

Print Name: _____


Memo

To: Whitewater Township Board of Trustees
CC: None
Date: 3.20.2024
Re: Park /Lawn Maintenance Equipment for Budgeting 3.21.2024

Board Members –

As promised, here is an example of what each dealership Kubota and John Deere have recommended for a base model tractor and zero turn mower platform. Each dealership provided expectation cost numbers for prospective packages. John Deere participates MiDeal and Kubota has the Sourcewell program. Both purchasing programs allow municipalities to forgo the sealed bid process if they so choose. A menu pricing list from each dealership will be provided under separate cover for your review.

Respectfully submitted,



Recording Secretary
Whitewater Township FOIA Coordinator
Supervisor, Whitewater Township

COMPACT TRACTORS



LX20 Series

LX3520DTN | LX3520HSD | LX4020HSD

	LX2620HSD	LX2620SUHSD	LX3520DTN	LX3520HSD	LX4020HSD
Engine Type	Indirect injection, vertical, water-cooled, 4 - cycle diesel		Direct injection, vertical, water-cooled, 4 - cycle diesel with turbo charger		
Horsepower (gross)*	24.8		34.9		39.8
Horsepower (PTO)**	19.5		29.6	28.7	32.6
Displacement (cu. in.)	77.0		91.4		
Transmission	HST (3 ranges)		Gear	HST (3 ranges)	
Speed (mph) (front/reverse) with standard tires	0-11.2 / 0-8.4		0-14.7 / 0-14.6		0-17.0 / 0-13.0
Rear 3-point hitch	Category I				
Lift capacity 24" behind lift point (lbs)	1,676		1,819	1,962	
Length	101.8"		2,494	101.6"	
Width	53.7"		39.4"	53.7"	
Wheelbase	65.6"		61.0"	66.7"	
Min. Ground Clearance	14.6"		12.8"	8.9"	
Tractor Weight (lbs.)	1,775		2,154	2,191	2,624

* SAE J1995; ** Internal Kubota Test



Comfort. Modern Styling. Operability.

- > Clutch-less for easy operation, Kubota's proven 3-range hydrostatic (HST) transmission provides optimal speeds to match your job. Choose from low range when you need extra power at a low speed, mid range for normal operations, or high range for transporting from place to place. In addition, the brake pedal is positioned on the left side for comfort and functionality
- > The LX20 Series offers a wide variety of tires and sizes to fit your needs. The Goodyear R14T tires are a hybrid of the R4 (Industrial) and R1 (Ag) tires for maximum versatility
- > The LX20 Series can be equipped with a Kubota-built, performance-matched front loader. Features include a standard 2-lever quick coupler for universal attachments, an optional Swift-Tach® kit with a one-lever quick coupler for faster loader removal, and an optional mechanical self-leveling kit for easier material handling including pallet fork applications
- > The LX20 tractors can be equipped with mid mount mower decks in 60" or 72" making them among the largest mid mount mower decks available. Additionally, the 60 and 72 inch options for the LX3520 and LX4020 come standard with an ingratiated wash port to quickly and effectively clean all 3 mower blades, making cleanup a breeze.
- > The LX3520 Narrow is ideal for spraying, mowing and towing between tight rows. With a total width of just 39.4 inches, the LX3520 Narrow can easily maneuver through orchards, vineyards, and nurseries

FRONT LOADER SPECIFICATIONS				
	LX2620HSD / LX2620SUHSD	LX3520SUHSDC / LX3520HSD / LX3520HSDC	LX3520DT NARROW	LX4020HSD / LX4020HSDC
Maximum Lift Height at Pivot Pin	LA535 84.0"	LA545 87.6"	N/A N/A	LA545 87.6"
Maximum Lift Capacity at Pivot Pin (1500 mm height) (lbs.)	1,324	1,325	N/A	1,325

BACKHOE SPECIFICATIONS	
Digging Depth (2 ft. flat bottom)	BH77* 86.8"
Loading Height	70.2"
Reach from Swing Pivot	123.7"
Bucket Sizes	10", 12", 16", 24"
Thumb	Optional – Mechanical

MID-MOUNT MOWER SPECIFICATIONS	
Cutting Width	60" & 72"
Discharge	Side
Mounting Method	Floating
Adjustment of Cutting Height	Gauge wheel

*Specifications shown when attached to an LX3520HSD. BH77 specifications may vary depending on the tractor.

COMPACT TRACTORS



LX20 Series

LX3520SUHSDC | LX3520HSDC | LX4020HSDC

	LX2620HSDC	LX3520SUHSDC	LX3520HSDC	LX4020HSDC
Engine Type	Indirect injection, vertical, water-cooled, 4 - cycle diesel	Direct injection, vertical, water-cooled, 4 -cycle diesel with turbo charger		
Horsepower (gross)*	24.8	34.9		39.8
Horsepower (PTO)**	19.5	28.7		31.2
Displacement (cu. in.)	77.0	91.4		
Transmission	HST (3 ranges)			
Speed (mph) (front/reverse) with standard tires	0-11.2 / 0-8.4	0-17.0 / 0-13.0		
Rear 3-point hitch	Category I			
Lift capacity 24" behind lift point (lbs)	1,676		1,962	
Length	103.9	101.6"		
Width	53.7			
Wheelbase	65.6	66.7"		
Min. Ground Clearance	14.6	8.9"		
Tractor Weight (lbs.)	2,249	2,590		2,624

* SAE J1995: ** Internal Kubota Test



Comfort. Modern Styling. Operability.

- > The LX20 Series boasts three different horsepower options to meet a variety of needs. With increased travel speed, improved comfort, noise reduction, and updated loader operability, the LX20 models are the answer to comfort, ease of operation, and workability.
- > Clutch-less for easy operation, Kubota's proven 3-range hydrostatic (HST) transmission provides optimal speeds to match your job. Choose from low range when you need extra power at a low speed, mid range for normal operations, or high range for transporting from place to place. In addition, the brake pedal is positioned on the left side for comfort and functionality
- > The LX20 Series factory-installed cabs optimize operator comfort year-round with deluxe features such as A/C and heater, front LED Headlights and work lights, a wide, spacious flat deck, reclining high-back suspension seat with standard armrests, tilt-steering, cruise control, telescopic stabilizers, mid* and rear PTO, integrated loader joystick and easy-to-use premium color-coded controls
- > The LX20 Series can be equipped with the Kubota-built, performance-matched front loader. Features include a standard 2-lever quick coupler for universal attachments, an optional Swift-Tach® kit with a one-lever quick coupler for faster loader removal, and an optional industry-exclusive mechanical self-leveling kit for easier material handling including pallet fork applications
- > In addition to the premium cab, the Special Utility (SU model) cab adds an economy cab tractor to the LX20 series lineup. The high power engine delivers performance while maintaining the comfort, quality and versatility of the LX20 Series
- > The LX20 tractors can be equipped with mid mount mower decks in 60" or 72" making them among the largest mid mount mower decks available. Additionally, the 60 and 72 inch options for the LX3520 and LX4020 come standard with an ingratiated wash port to quickly and effectively clean all 3 mower blades, making cleanup a breeze.

*Mid PTO standard on LX2620HSDC, LX3520HSDC, and LX4020HSDC

FRONT LOADER SPECIFICATIONS				
	LX2620HSDC	LX3520SUHSDC	LX3520HSDC	LX4020HSDC
	LA535		LA545	
Maximum Lift Height at Pivot Pin	84.0"		87.6"	
Maximum Lift Capacity at Pivot Pin (1500 mm height) (lbs.)	1,324		1,325	

BACKHOE SPECIFICATIONS	
	BH77*
Digging Depth (2 ft. flat bottom)	86.8"
Loading Height	70.2"
Reach from Swing Pivot	123.7"
Bucket Sizes	10", 12", 16", 24"
Thumb	Optional – Mechanical

MID-MOUNT MOWER SPECIFICATIONS	
Cutting Width	60" & 72"
Discharge	Side
Mounting Method	Floating
Adjustment of Cutting Height	Gauge wheel

*Specifications shown when attached to an LX3520HSD. BH77 specifications may vary depending on the tractor.



ZG200 Series ZG222 | ZG227

The professional-quality performance, exceptional comfort, and outstanding reliability of the ZG200 Series make it the ultimate mowing machine for both professionals and homeowners.

- › Powered by durable 21.1- and 26-horsepower air-cooled Kubota gasoline engines
- › Zero-turn steering for superior navigation
- › Reliable, ultra-smooth, hydrostatic transmission offers superior durability and performance
- › Heavy-duty Pro Commercial Mower Deck features a unique baffle system that discharges grass clippings for professional looking results
- › Optional mulching system provides a beautiful finish, even in thick grass
- › Foot-operated hydraulic deck-lift system for easy adjustment
- › Spacious platform, comfortable and supportive seating, and an easy-to-reach cup holder for operator comfort
- › Operator-friendly instrument panel puts everything within close reach
- › Convenient mower, HST, and engine access for hassle-free maintenance
- › Foldable ROPS standard



ZG200 Series

	ZG222-48	ZG227-54/60
Engine Type	Kubota air-cooled, gasoline, 2-cylinder	
Engine Model	Kubota KGZ770-M3	Kubota KGZ770-M2
Horsepower (gross)*	21.1	26
Displacement (cu. cm.)	768	
Transmission	2-HST w/gear reduction	
Fuel Capacity (gal.)	7.1	
Speed (mph) (forward/reverse)	0-9 / 0-5	
Overall Length	82.5"	82.5" / 83.7"
Overall Width (w/ mower chute)	61"	67.3" / 75.2"
Overall Height (w/ROPS upright)	69.9"	
Overall Height (w/ROPS folded)	52.8"	
Weight (lbs.) (w/ mower)	1,168	1,190 / 1,235

MOWER SPECIFICATIONS

	ZG222-48	ZG227-54/60
Mower Deck Type	Welded, side discharge	Welded, side discharge
Mower Deck Width / Lift System	48" / Hydraulic	54 or 60" / Hydraulic
Cutting Height	1-5"	
Height Adj. Increments	1/4"	
Mower Deck Depth	6" (48)	6"

ADDITIONAL IMPLEMENTS AND ACCESSORIES

ZG200 Series

Canopy Sunshade	Optional
Grass Catcher	Optional
Mulching Kit	Optional
Working Light Kit	Optional

* SAE J 1940

MOWERS



ZG300 Series ZG327P | ZG327RP

Built for power, durability, and performance, the ZG300 Series features deep mower decks for exceptional cutting performance.

- › ZG300 mowers are available with durable Kubota air-cooled gasoline engines with 26 gross horsepower
- › Durable HST transmission optimizes performance to achieve maximum results
- › Pro Commercial Deck is a superior deep mower deck that helps to ensure excellent cutting performance
- › Anti-scalp swivel rollers can rotate a full 360 degrees helping to prevent unsightly turf damage
- › Large-capacity dual fuel tanks on ZG300 Series models
- › Foot-controlled hydraulic deck lift and PTO wet disc clutch
- › Unique maintenance lift system allows easy mower access (optional on ZG300 models)
- › Tie-down for securing onto flatbed truck or trailer for convenient transportation
- › “Flat-free” front caster tires are standard with ZG300 and enable mowing operation without worrisome flat-tire downtime



ZG300 Series

ZG327P-60 ZG327RP-60R

Engine Type	Kubota air-cooled, gasoline, 2-cylinder
Engine Model	Kubota KGZ770
Horsepower (gross)*	26
Displacement (cu. cm.)	768
Transmission	2-HST w/gear reduction
Fuel Capacity (gal.)	12.7
Speeds (mph) (forward/reverse)	0–10.6 / 0–5.3
Overall Length	87.8"
Overall Width (w/ mower)	75.2"
Overall Height	75.4"
Weight (lbs.)	1,565

MOWER SPECIFICATIONS

Mower Deck Type	Welded, side, or rear discharge
Mower Deck Width / Lift System	60" / Hydraulic
Mower Height / Increment	1–5" / 1/4"
Mower Deck Depth	6.5"

ADDITIONAL IMPLEMENTS AND ACCESSORIES

ZG300 Series

Canopy Sunshade	Optional
Front Utility Blade	Optional
Grass Catcher**	Optional
Mulching Kit	Optional
Spark Arrester	Optional
Striping Kit	Optional
Working Light Kit	Optional
Karu Mulching Blade	Optional

* SAE J 1940



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> [3033R Compact Utility Tractor](#)



3033R

Compact Utility Tractor

★★★★★ 4.1 (23) [Write a review](#)

- AutoConnect™ deck compatible for deck attach/detach in seconds
- Cab or Open Station configuration available
- PowrReverser™ or E-hydro transmission with Twin Touch™ pedals

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Features

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- + Attractive styling provides improved visibility and serviceability
- + Powerful Yanmar® diesel engine delivers plenty of power under heavy loads
- + Maximize productivity with an eHydro™ transmission
- + PowrReverser™ transmission allows for clutchless direction changes
- + Operator station is comfortable and convenient

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Specs & Compare

Key Specs

Engine power (gross)

SAE J1995 rated power: 23.7 kW
31.8 hp
32.2 PS at 2600 rpm

Power take-off (PTO) power

PowrReverser™ transmission: 19.5 kW
26.1 hp
eHydro™ transmission: 17.2 kW
23 hp
Per SAE J1995

Steering hydraulics	23.5 L/min 6.2 gpm
Implement hydraulics	34.3 L/min 9.1 gpm
Hitch type	Category 1
Lift capacity, 24-in. behind link arms	995 kg 2194 lb
Standard transmission;	PowrReverser transmission
Cruise control	PowrReverser transmission: Not applicable eHydro transmission: Standard
Approximate shipping weight (open-station; cab)	Open operator station (OOS): 1353 kg 2983 lb Cab: 1633 kg 3600 lb
Wheelbase	1727 mm 68 in.

Engine

Manufacturer	Yanmar®
Engine model	3TNV88C-MJTV
Engine power (gross)	SAE J1995 rated power: 23.7 kW 31.8 hp 32.2 PS at 2600 rpm
Power take-off (PTO) power	PowrReverser transmission: 19.5 kW 26.1 hp eHydro transmission: 17.2 kW 23 hp
Rated engine speed	2600 rpm

Type	Diesel
Injection pump type	High pressure common rail direct injection
Aspiration	Natural
Emissions compliance	Final Tier 4
Cylinders/displacement	Three cylinders: 1.64 L 100 cu in.
Number of cylinders	Three
Cylinder liners	Cast-in-block
Bore and stroke	88x90 mm 3.46x3.54 in.
Compression ratio	19.1:1
Lubrication	Pressurized
Cooling system	Liquid
Air cleaner	Dual element
Engine torque at rated speed	87 Nm 64.2 lb-ft
Fuel tank capacity	OOS: 37.4 L 10 U.S. gal. Cab eHydro transmission only: 47.6 L 12.6 U.S. gal.

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Landscape Equipment



Rear Blades

Put your gardening, landscaping, driveway, and ditch-maintenance chores behind you with a sturdy Rear Blade.

Duty / Working Width	Engine HP ¹	Hitch
Economy – Heavy Plus 48 - 120 in. (121.9 - 304.8 cm)	19 - 160 hp (14.1 - 119.3 kW)	Ltd. Cat. 1, Cat. 1, 2 or 3

¹Reduce the hp requirement by 10 hp if the tractor has MFWD.



Box Blades

Frontier Box Blades level uneven ground and simplify grading tasks.

Working Width	Engine HP ¹	Hitch
48 - 97.5 in. (121.9 - 247.7 cm)	17 - 80 hp (12.8 - 59.6 kW) maximum	Cat. 0, Ltd. Cat. 1, or Cat. 1

¹Reduce the hp requirement by 10 hp if the tractor has MFWD.



Land Planes

Level driveways, fill potholes, or recondition gravel areas with the all-purpose Land Planes. Durable frame allows you to smooth over challenging terrain. Heavy-duty options available.

Working Width	Engine HP	Hitch
48 - 120 in. (121.9 - 304.8 cm)	18 - 105 hp (13.4 - 78.3 kW)	Ltd. Cat. 1, Cat. 1 or 2

NEW LP21L & LP21 Series



Landscape Rakes

Cleaning up and grooming landscape is simple with a Landscape Rake. From debris and brush removal to surface leveling and final seed preparation, this attachment is up to the challenge of tough landscaping jobs.

Duty / Working Width	PTO HP	Hitch
Economy – Medium 48 - 96 in. (121.9 - 243.8 cm)	12 - 55 hp (8.9 - 41.0 kW)	Ltd. Cat. 1 or Cat. 1



Wood Chippers

Wood Chippers make big cleanup jobs fast and easy. They quickly chew up tree branches, turning them into wood chips or wood chip mulch.

Feed Opening	Limb	PTO HP	Hitch
3 x 5.5 - 5.5 x 8 in. (7.6 x 14.0 - 14.0 x 20.3 cm)	3 - 5 in. (7.6 - 12.7 cm)	18 - 95 hp (13.4 - 70.8 kW)	Cat. 1 or Cat. 2



Soil Pulverizers

Sod growers, landowners, landscapers, and contractors can prepare soil for seeding or sodding with a Soil Pulverizer.

Duty / Working Width	PTO HP	Scarifier Teeth	Hitch
Standard - Heavy 48 - 84 in. (121.9 - 213.4 cm)	30 - 70 hp (22.3 - 52.2 kW)	Bar Type	Cat. 1



Post Hole Diggers

Drill down quickly and deeply, on the farm or on the jobsite, with a Post Hole Digger.

Auger Length	PTO HP	Hitch
36 - 48 in. (91.4 - 121.9 cm)	15 - 90 hp (10.8 - 67.1 kW)	Cat. 1 or 2

NEW PDH05 Series



3-Point Trencher

Dig uniform trenches for any small drainage or utility project with the 3-Point Trencher. Just hitch up to a compact tractor and go.

Auger Length	PTO HP	Hitch
14 in. (35.6 cm)	15 - 30 hp (11.2 - 22.4 kW) Hydrostatic Transmission Only	Cat. 1

TipsNotebook.com

A compilation of tips, ideas & collective wisdom about how to get all kinds of jobs done around your place.



Core Aerators

Keep your lawn, park, or golf course healthy with a Core Aerator. These tools help reduce soil compaction, and promote air, water, and nutrient circulation.

Duty / Working Width	PTO HP	Hitch
Economy – Standard 48 - 72 in. (121.9 - 182.9 cm)	20 - 70 hp (14.9 - 52.2 kW)	Cat. 1 or 2

3-Point Debris Blower

Put the final touches on landscape projects with a 3-Point Debris Blower. It is ideal for quick cleanup of sidewalks, driveways, and golf courses.

PTO HP	Hitch
25 hp (18.6 kW) minimum	Cat. 1 and 2

Material Collection System

Attach the Frontier™ Material Collection System to your compatible John Deere drive over mower deck and make cleaning up grass clippings and leaves from your lawn easier than it's ever been.

Width	PTO Input	Hitch
60 in. (152.4 cm)	540 RPM	3-Pt. hitch, Cat. 1

NEW MC20 & MC21 Series

Power Rakes

Versatile Power Rakes make it fast and convenient to cultivate, level, grade, or restore soil surfaces.

Working Width	PTO HP	Hitch
Hydraulic 48 in. - 84 in. (121.9 cm - 213.4 cm)	15 hp - 80 hp (11.2 - 59.6 kW)	Cat. 1 or Cat. 2

You, John Deere and Frontier. Let's work together.

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Z930M

ZTrak™ Zero-Turn Mower

- 7-Iron™ PRO deck
- Mulch On Demand™ Available
- Gasoline Engine
- Propane Option Available
- Rear Discharge Deck

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Features

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- + Powerful 25.5-hp (19.0-kW) commercial-grade engine delivers class-leading performance and efficiency
- + Extra durability and mowing performance from 7-Iron™ PRO Side-Discharge decks pressed from a single piece of steel
- + Available Mulch On Demand™ deck
- + Enhanced productivity, safety, and trim ability with a FastBack™ PRO rear-discharge mower deck
- + Three seat choices with ComfortGlide™ fore/aft suspension offer exceptional operator comfort

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Specs & Compare

Key Specs

Engine Manufacturer/model

FX801V

Engine power

Gross at 3,600 rpm

25.5 hp

19 kW

Fuel tank capacity

11.5 U.S. gal.

43.5 L

Mower deck size	54-in. (137-cm) 7Iron™ PRO side-discharge 60-in. (152-cm) 7Iron™ PRO side-discharge 60-in. (152-cm) 7Iron™ PRO Mulch On Demand™ 60-in. (152-cm) FastBack™ PRO rear-discharge
Blade tip speed	7Iron PRO: Approximately 18,500 fpm 60-in. (152-cm) FastBack: Approximately 16,500 fpm
Transmission	Hydrostatic
Speed range	0-10 mph 0-16.1 km/h
Drive wheels	24x12-12
Caster wheels	13x6.5-6
Warranty	36 months or 1200 hours, whichever comes first First 24 months, no hour limitation

Engine

Manufacturer/Model	FX801V
Power	Gross at 3,600 rpm 25.5 hp 19 kW
Displacement	52 cu in. 852 cc
Cylinders	Two
Crankcase capacity	With filter, 2.4 U.S. qt 2.3 L
Oil filter	Full flow, replaceable
Lubrication	Full pressure

Cooling

Air

Air cleaner

Pre-cleaner

Yes

Heavy-duty canister type with safety element

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only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's website for additional information.