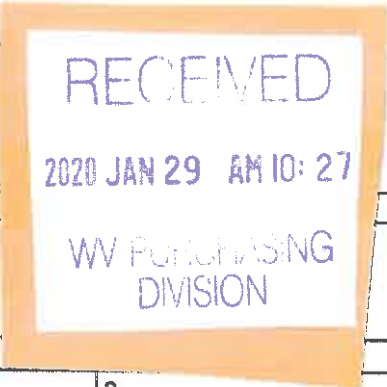




Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Request for Quotation
 13 - Equipment



Proc Folder: 677055

Doc Description: Addendum No.01; Compact Track Excavator with Attachments

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	
2020-01-27	2020-01-31 13:30:00	CRFQ 0313 DEP200000019	2

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR
 Vendor Name, Address and Telephone Number:
 STATE EQUIPMENT, INC.
 560 NEW GOFF MOUNTAIN RD.
 CROSS LANES, WV 25313
 304-776-4405

FOR INFORMATION CONTACT THE BUYER
 Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

(Handwritten Signature)

FEIN # 550658298 DATE 1/30/2020

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Addendum

Addendum No.01 issued to publish and distribute the attached information to the vendor community.

**Request for Quotation
(Hydraulic compact Tract Excavator w/Attachments)**

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection (WVDEP), Rehabilitation Environmental Action Plan (REAP), to establish a contract for the one-time purchase of one (1) Hydraulic Compact Track Excavator and the associated listed attachments for the same, per the bid requirements, specifications, terms and conditions as attached hereto.

ENVIRONMENTAL PROTECTION REAP OFFICE 601 57TH ST SE CHARLESTON WV25304 US	ENVIRONMENTAL PROTECTION REAP OFFICE 601 57TH ST SE CHARLESTON WV 25304 US
---	--

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Hydraulic Compact Track Excavator with Attachments	1.00000	EA	\$42,375.00	\$42,375.00

Comm Code	Manufacturer	Specification	Model #
30190000	KUBOTA	EXCAVATOR	KX033-4R3

Extended Description :


Hydraulic Compact Track Excavator with Attachments, as listed in attached specifications.

Exhibit A - Pricing Page
West Virginia Department of Environmental Protection (WVDEP), REAP Section
Compact Track Excavator w/Attachments

Item No.	Description	Year, Make, and Model	Quantity	Unit Price	Extended Price
3.1.1	Hydraulic Compact Excavator w/ matching Attachments	2020 KUBOTA KX033-4R3	1	\$42,375.00	\$42,375.00
TOTAL BID AMOUNT:					\$42,375.00

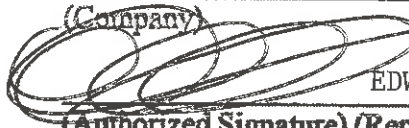
Vendor must identify Make and Model at time of submitting Bid Response and should provide Product Brochures.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.


 _____ GENERAL MANAGER
 (Name, Title)
 EDWARD ROWAN, JR. GENERAL MANAGER
 (Printed Name and Title)
 560 NEW GOFF MOUNTAIN RD. CROSS LANES, WV 25313
 (Address)
 (304)776-4405 / (304)776-4409
 (Phone Number) / (Fax Number)
 EDDIE@STATEEQUIPMENT.COM
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

STATE EQUIPMENT, INC.

 (Company)

 EDWARD ROWAN, JR. GENERAL MANAGER
 (Authorized Signature) (Representative Name, Title)

EDWARD ROWAN, JR. GENERAL MANAGER

 (Printed Name and Title of Authorized Representative)

1/30/2020

 (Date)

(304)776-4405 / (304)776-4409

 (Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

STATE EQUIPMENT, INC.

Company


Authorized Signature

1/30/2020

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: STATE EQUIPMENT, INC. Address: 560 NEW GOFF MOUNTAIN RD.
CROSS LANES, WV 25313

Name of Authorized Agent: EDDIE ROWAN, JR. Address: 560 NEW GOFF MOUNTAIN RD.
CROSS LANES, WV 25313

Contract Number: DEP2000000019 Contract Description: COMPACT TRACK EXCAVATOR

Governmental agency awarding contract: ENVIRONMENTAL PROTECTION REAP OFFICE

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

TERRY LAMM 100%

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: [Handwritten Signature] Date Signed: 1/30/2020

Notary Verification

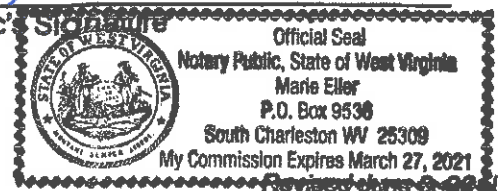
State of WEST VIRGINIA, County of KANAWHA

I, EDDIE ROWAN, JR., the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 30th day of January 2020

Marie Eller
Notary Public's Signature

To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: STATE EQUIPMENT, INC.

Authorized Signatory: [Signature] Date: 1/30/2020

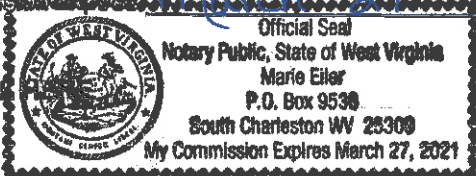
State of WEST VIRGINIA

County of KANAWHA, to-wit:

Taken, subscribed, and sworn to before me this 30th day of January, 2020

My Commission expires March 27, 2021.

AFFIX SEAL



NOTARY PUBLIC

[Signature: Marie Eiler]



CNH Industrial America LLC
and CNH Industrial Canada, Ltd.

**WARRANTY AND LIMITATION OF LIABILITY AGREEMENT
CASE CONSTRUCTION EQUIPMENT**

The Case Warranty

The Case Warranty is a limited warranty that is provided to the initial retail purchaser in return for consideration paid as part of the purchase price of the product. The selling dealer must review the warranty coverage with the initial retail purchaser and obtain signature on this document.

New Limited Warranty

The warranty described here is from CNH Industrial America LLC and in Canada, CNH Industrial Canada Ltd., both of which are referred to in this agreement as "Case". This warranty is for Case products sold and registered in the United States or Canada and normally operated in the United States or Canada. This warranty does NOT apply to any product normally operated outside of the United States and/or Canada, or to any unit purchased outside of the United States or Canada and imported in for any reason other than a customer relocation/personal move.

Warranty Period

For the products listed below, the Warranty Period for all coverage begins at the time that any person, dealer or agent first places the unit into service. At the latest, a unit is considered to be placed into service when purchased or delivered to an initial retail purchaser. Certain demonstration, rental, lease, and other used units may be eligible for a portion of a new unit warranty. The availability of the remaining portion of a new unit warranty does not mean that a unit is new or unused. The Warranty Period ends when either the month or machine hour limit is reached, whichever limit occurs first.

PRODUCT	WARRANTY COVERAGE
SKID STEER / COMPACT TRACK LOADERS ^{5, 6}	12 Months / Unlimited Hours 24 Months / 2000 Hours
LOADER BACKHOES – N SERIES ^{2, 5}	12 Months / Unlimited Hours
TRACTOR LOADERS / FORKLIFTS ⁵	12 Months / Unlimited Hours
COMPACT EXCAVATORS CX-B SERIES ⁵	12 Months / 1000 Hours
COMPACT EXCAVATOR CX-C SERIES ⁵	24 Months / 3000 Hours
COMPACT WHEEL LOADERS ¹	12 Months / Unlimited Hours
COMPACTION EQUIPMENT - SINGLE OR DOUBLE DRUM ¹	12 Months / Unlimited Hours
WHEEL LOADERS ^{4, 5}	12 Months / Unlimited Hours
MOTOR GRADERS ^{4, 5}	12 Months / Unlimited Hours
EXCAVATORS ^{3, 4, 5}	12 Months / 1800 Hours
CRAWLER DOZERS ^{4, 5}	12 Months / Unlimited Hours

- 1) Engine coverage is provided directly by the engine manufacturer.
- 2) Torque converter, transmission, drive shafts, & drive axles are covered for 24 months / 2000 hours.
- 3) Warranty does not cover any configuration excavator equipped with feller buncher/accumulator attachments
- 4) Units equipped with factory standard telematics are authorized for Case ProCare extended coverage for an additional 24 months / 3000 total machine hours, whichever comes first
- 5) Engine warranty coverage is provided through CNH Industrial.
- 6) Second year machine warranty coverage after base warranty expires

Operator's Manual / Warranty Receipt Verification

The selling dealer has reviewed the correct operator's manual with me and will provide upon delivery of the product. YES / NO
 The selling dealer explained safety precautions to me. YES / NO
 The selling dealer explained the warranty terms and coverage to me. YES / NO
 The selling dealer explained Purchased Protection Plan options for additional coverage on select components. YES / NO
 I wish to be part of future Case communications, offers or events. YES / NO

Model:	Serial Number:
Retail DATE / HOURS:	Operator Manual Number:
Purchaser Name (please print):	Dealer Name:
Address:	Address:
City / State:	City / State:
Zip code:	Zip code:
Phone Number:	Phone Number:

The answers checked above are correct. I acknowledge that I have read and I accept this warranty policy statement.

Purchaser Signature _____ Date _____

Dealer Signature _____ Date _____

USA mail original to CNH Industrial Capital America LLC, Attn: WLL Agreement, PO Box 3700, Lancaster, PA 17604-3700 USA
 Overnight courier mail original to CNH Industrial Capital America LLC, Attn: WLL Agreement, 500 Diller Ave., New Holland, PA 17657
 Canada mail original to CNH Industrial Capital America LLC, Attn: WLL Agreement, 4475 North Service Rd, Suite 301, Burlington, ON L7L4X7 Canada



For Earth, For Life
Kubota

KX

**KUBOTA COMPACT EXCAVATOR
KX033-4**

Designed for efficiency, built for stability, and created for comfort,
the new KX033-4 redefines the compact excavator.



State Equipment, Inc.
560 New Goff Mountain Road
Cross Lanes, WV 25313
304-776-4405



Aux1 Diverter Valve

The diverter valve allows auxiliary oil to be diverted to the operation of auxiliary attachments without removal of the thumb attachment pipeline for increased efficiency on the go.

**A roomy and comfortable cabin.
Impressive stability and incredible power.
The KX033-4 is a compact excavator with
class-busting performance.**

WORKABILITY

Extraordinary Stability and Lifting Capacity

With the stability and lifting capacity of a much bigger machine, the 3-ton class KX033-4 offers a level of performance to efficiently handle a wide variety of tough excavating jobs. An innovative counter balance ensures superior excavator stability, while the low center of gravity and double-flanged lower track rollers deliver safe and efficient operation when working to the side with hydraulic attachments or lifting heaving objects.

Hydraulic Angle Blade (Optional)

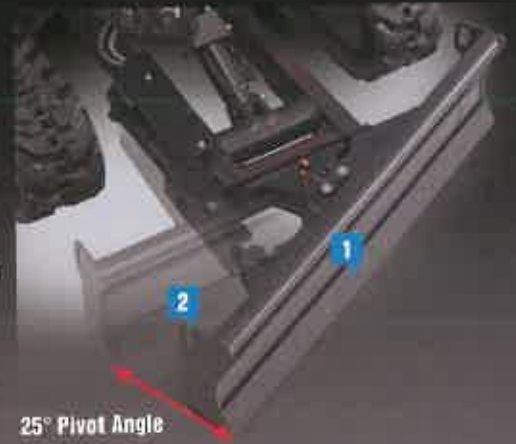
Save time and work more efficiently. With a simple movement of the new thumb operated rocker switch on the dozer lever, the hydraulic angle blade can be angled to the right or left to push soil to the side as the machine moves forward, eliminating the need for repetitive repositioning at right angles when backfilling trenches.

Strong Bucket Breakout Force

When heavily loaded, the KX033-4's outstanding bucket breakout force lets you handle even the toughest excavating jobs with speed and efficiency.

Wide Working Range

The KX033-4's powerful and responsive front working group gives you the confidence to handle a wide range of digging, lifting, and loading jobs.



25° Pivot Angle

1 Bolt-on Cutting Edge*

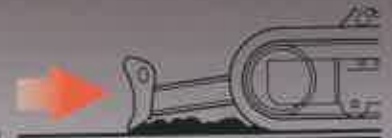
**Standard on Angle Blade models*

2 Durable Fixed Hook

Float Position

The float function is a standard feature on the KX033-4*. Ground finishing work can be completed quickly and simply without the need to adjust the dozer height. After backfilling, simply travel backwards along the covered ditch with the dozer in the float position.

**Standard on both angle blade & straight blade models*



Easy Operation

Angle blade operation has been enhanced for easier control. Up, down and float movements are made with a single lever, while left and right angle positioning is made by the rocker switch on top of the lever.



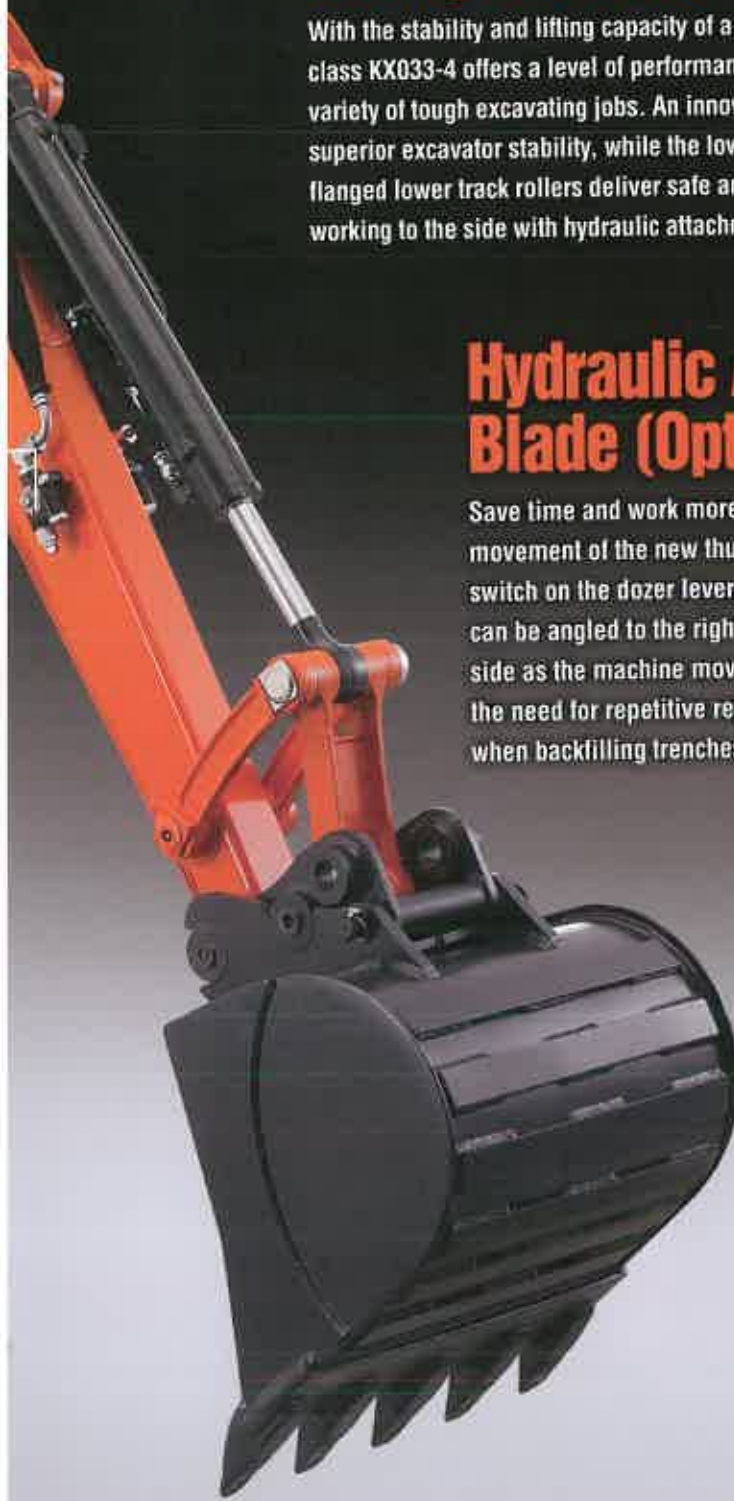
Generous Approach Angle

Navigate ramps and over obstacles with confidence—Kubota's angle blade has a 32 degree approach angle.



Tight Spots

The angle blade lets you work efficiently in confined spaces, alongside walls, and near busy roads. No wider than the tracks, it's also easy to transport between jobs.





DELUXE INTERIOR

With a larger entrance, more legroom, a spacious interior designed for comfort, and enhanced ergonomics that simplify routine operations, the KX033-4's luxurious cabin redefines operator efficiency.

Easy-open Front Slide Window

Unlike many excavator windows, the front glass window of the KX033-4 opens with ease. Just flip the latches on the window sides and slide it up. A gas-assist mechanism makes this action almost effortless.



Wider Entrance

The KX033-4 features a much wider door and more ample foot space, making it a breeze to get on and off the excavator.



E

B

C



A. Deluxe Suspension Seat

Kubota's high back suspension seat has been designed for maximum operator comfort and to minimize fatigue during extended machine operation. The deluxe reclining seat offers weight compensation, firm adjustable wrist support and retractable seat belts.

B. 2-speed Travel Switch

By placing the 2-speed travel switch on the dozer lever, dozing operations can be done faster and easier.



C. Cup Holder

With the convenience of a bigger cup holder, you can quench your thirst and work longer without leaving the cab. Or store your cell phone*. The charging port is located conveniently close by.
**Cell phones should not be used during machine operation.*

D. Wrist Rest

A thoughtfully designed wrist rest enhances operation and reduces operator fatigue.

E. Air Conditioning

Enhanced air circulation in the cab results from a more powerful cooling/heating unit and six vents positioned around the operator to offer optimal all weather comfort.



TPSS

Operators can select the ISO pattern or SAE backhoe pattern by turning a switch positioned within easy reach while seated.

SUPERIOR PERFORMANCE

Superior power and outstanding versatility give you the confidence to handle even the most challenging excavating jobs. The adjustable auxiliary oil flow allows for precise control of hydraulic attachments. A powerful breakout force enhances productivity. And an array of enhanced functions ensures smooth operation.

Kubota Original Direct Injection Engine

The KX033-4 is powered by Kubota's impressive direct injection engine. Engineered with the power to maximize digging and lifting performance, it also delivers minimized noise, vibration and fuel consumption, and is as well a non-DOC/DPF Tier 4 Final certified engine.



Proportional Flow Control of Auxiliary Circuit (AUX1) and Maximum Oil Flow Setting

Now you can conveniently program up to five different oil flow rates for specific attachments on the new digital control panel. No tools or manual adjustment is required. And, with a maximum AUX 1 circuit oil flow now up to 15.8 GPM (60 liters) you can operate a larger variety of auxiliary attachments than ever before.



Third-line Hydraulic Return

A standard third-line hydraulic return system allows oil return directly to the tank without running through the control valves during operation of one-way hydraulic attachments. This decreases the likelihood of oil contamination, and results in less back pressure and greater oil flow efficiency.

Extendable Arm (Optional)

Ideal for those hard to reach areas, the KX033-4's arm can be quickly and easily extended up to 31 inches (800 mm), boosting productivity as well as efficiency.

Auto-shift

The KX033-4 auto-shift automatically shifts travel speed from high to low, depending on traction and terrain, allowing smoother operation when dozing and turning.





Auto Idling System

When KX033-4 control levers are in neutral for more than 4 seconds, engine RPM automatically idles. Move any control lever, and engine RPM immediately returns. This innovative feature not only lowers noise and exhaust emissions, but also reduces operating cost and fuel consumption. It can be turned on and off.

Swivel Negative Brake

The swivel negative brake automatically locks the swivel function in its current position. This prevents unexpected machine movement. It's particularly useful during work on slopes or when towing the excavator between worksites.

Large-capacity Variable Displacement Pump

The KX033-4's performance matched boom, arm and bucket movements are the best in the industry. Kubota's unique hydraulic system and large-capacity variable displacement pumps give you the precise control needed to operate smoothly and efficiently in confined quarters. With the hydraulic power harnessed in the KX033-4's front working group superior digging force is available when you need it.

Front Bush Pins

Bushings on all pivot points on the front attachment and connecting points on the swing bracket is one more feature that adds to the enviable durability of this machine.

Travel Negative brake

The travel negative brake locks the tracks to prevent inadvertent movement of the machine. This keeps the excavator secure during transport or while parked on slopes.

Easy Maintenance

Kubota's attention to user-friendliness can even be found in KX033-4's engine layout. Primary engine components are consolidated onto one side for easier access so inspections and repairs can be made quickly and easily.



A. Dual Element Air Cleaner

B. Water Separator

C. Fuel Filter

D. Starter Motor

E. Alternator

MAINTENANCE

Fully opening rear and right side hoods and easily accessible engine, control valves, and other components simplify maintenance and repair tasks to help keep your KX033-4 in peak operating condition.

Steel Panels

Durable steel side panels open easily for quick inspection and routine maintenance. Positioning inside the counterweight's edge gives panels added protection against inadvertent damage.

Accumulator

The accumulator helps to change hydraulically driven attachments by clearing residual pressure in the hydraulic lines. It also helps to lower front attachments to the ground if the engine is turned off. Both can be done without restarting the engine. Please see the operator's manual for more information.



DIGITAL PANEL



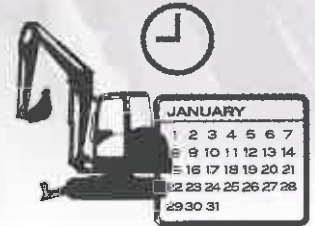
- A. Hour Meter**
- B. Coolant Temperature**
- C. Clock**
- D. Fuel Level**
- E. Engine RPM**



With easy access, simple settings, and easy-to-read indicators and alerts, you'll always be aware of the status of your excavator's critical functions. The wider, more visible display screen with easy push button operation puts convenience at the operator's fingertips. Part of Kubota's Intelligent Control System, the digital panel provides a wealth of user-friendly information to help keep the KX033-4 working safely and efficiently.

Operation History Record

Operation history is automatically recorded on the KX033-4. You can trace back up to 90 days of the machine's usage dates by simply checking the built-in calendar.



Service Mode



Warning Mode



Operation History Record



Max. Oil Flow Setting

Convenient Pre-installed Attachment Icons



AUX (Standard)



Tilt Bucket



Breaker



Clamshell



Auger



Grapple



Rotary Grapple



Brush Cutter

KX033-4 EQUIPMENT

STANDARD EQUIPMENT

Safety system

- Engine start safety system
- Travel motor with disc brake
- Swivel motor with disc brake
- All hydraulic control

Working equipment

- Auxiliary hydraulic circuit 1 with proportional control on right control lever
- 2 working lights on cab and 1 light on the boom
- Dozer blade with float function
- Thumb bracket and relief valve

Operator's Space

- ROPS/OPG (TOP Guard, Level I) canopy
- Weight-adjustable full suspension seat
- Retractable seat belt
- Hydraulic pilot control levers with wrist rests
- Travel levers with foot pedals
- Two pattern selection system
- Digital panel with diagnosis function
- 12V power source
- Cup holder
- Horn

Engine/Fuel system

- Double element air filter
- Auto idling system
- Water separator with drain cock

Undercarriage

- 11.8" (300mm) rubber track
- 1 × upper track roller
- 5 double-flange track rollers on each side
- 2-speed travel switch on dozer lever
- 2-speed travel with auto-shift

Hydraulic system

- Pressure accumulator
- Hydraulic pressure checking ports
- Straight travel circuit
- Third line hydraulic return
- 2 variable pumps and 1 gear pump
- Adjustable maximum oil flow on auxiliary hydraulic circuits 1
- Auxiliary switch (AUX1) on right control lever

Others

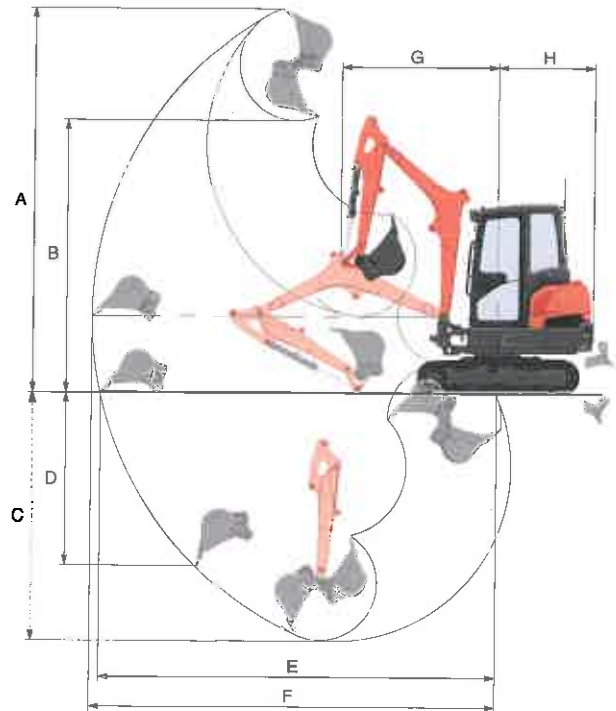
- Tool box
- Grease gun holder

OPTIONAL EQUIPMENT

- Cab with A/C
- Canopy lights
- Rear working lights
- Beacon lights
- Angle blade with float function and BOE
- Travel alarm
- Spark arrest muffler
- Extendable arm

WORKING RANGE

Model	KX033-4					
	Standard	Extended	Retracted			
A	Max. digging height	ft. in. (mm)	16'4"(4980)	15'9"(4808)	14'9"(4494)	
B	Max. dumping height	ft. in. (mm)	11'7"(3530)	11'5"(3479)	10'5"(3166)	
C	Max. digging depth	ft. in. (mm)	10'6"(3210)	12'2"(3709)	9'7"(2927)	
D	Max. vertical digging depth	ft. in. (mm)	7'4"(2235)	8'9"(2664)	6'1"(1863)	
E	Max. digging radius at ground	ft. in. (mm)	16'10"(5120)	17'10"(5452)	15'6"(4730)	
F	Max. digging radius	ft. in. (mm)	17'2"(5230)	18'3"(5555)	16'0"(4867)	
G	Min. turning radius	W/o swing	ft. in. (mm)	6'7"(2020)	7'3"(2206)	6'11"(2099)
		W swing	ft. in. (mm)	4'11"(1510)	6'4"(1927)	6'0"(1823)
H	Min. tail turning radius	ft. in. (mm)	4'1"(1250)	-	-	



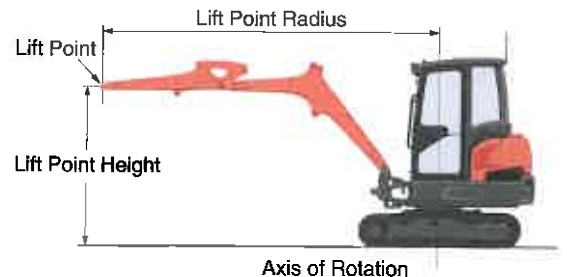
LIFTING CAPACITY

Canopy rubber

Standard / Extended

LIFTING POINT HEIGHT (ft)	LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=1000 lbs			LIFTING CAPACITY OVER-SIDE unit=1000 lbs		
	LIFT POINT RADIUS (ft)			LIFT POINT RADIUS (ft)		
	10	14	MAX	10	14	MAX
6	1.37 / 0.98	1.23 / 0.98	1.23 / 0.99	1.37 / 0.98	0.89 / 0.87	0.84 / 0.71
4	1.66 / 1.32	1.29 / 1.09	1.27 / 1.04	1.42 / 1.32	0.87 / 0.85	0.81 / 0.67
2	1.92 / 1.68	1.36 / 1.20	1.30 / 1.10	1.38 / 1.42	0.86 / 0.82	0.81 / 0.66
GL	2.10 / 1.97	1.38 / 1.30	1.34 / 1.17	1.35 / 1.36	0.86 / 0.79	0.83 / 0.67

Machine with ROPS canopy and rubber crawler, without bucket

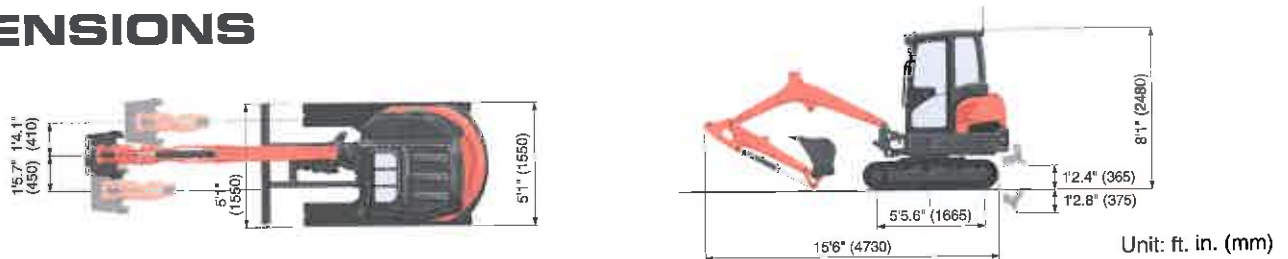


SPECIFICATIONS

Model		KX033-4		KX033-4 Angle Blade	
Arm		Standard			
Type of ROPS/ OPG (TOP Guard, Level I)		Canopy / Cab			
Type of tracks		Rubber / Steel			
Engine	Model	Kubota D1703M-DI-E4			
	Output (SAE J1995 gross)	HP (kW) / rpm	24.8 (18.5) / 2200		
	Output (SAE J1349 net)	HP (kW) / rpm	23.2 (17.3) / 2200		
	Displacement	cu. in. (cc)	100.5 (1647)		
Dimensions	Overall length	ft. in. (mm)	15'6" (4730)		
	Overall height	ft. in. (mm)	8'1" (2480) / 8'1" (2470)		
	Overall width	ft. in. (mm)	5'1" (1550)		
	Min. ground clearance	in. (mm)	11.4 (290)		
	Boom offset	Right / Left	ft. in. (mm)	1'4.1" (410) / 1'5.7" (450)	
	Blade lift	Upper / Low	ft. in. (mm)	1'2.4" (365) / 1'2.8" (375)	
Hydraulic system	Pump capacity	GPM (ℓ/min)	10.5 (39.6) x 2 / 5.5 (20.9) x 1		
	Auxiliary hydraulic flow	GPM (ℓ/min)	15.8 (60)		
	Max. breakout force	Bucket / Arm	lbs. (kgf)	8138 (3694) / 3867 (1756)	
Drive system	Travel speed	Low / High	mph (km/h)	1.9 (3.0) / 2.9 (4.6)	
	Max. traction force	Low speed	lbs. (kgf)	6091 (2763)	
	Tumbler distance		ft. in. (mm)	5'5.6" (1665)	
	Crawler length		ft. in. (mm)	6'10.6" (2100)	
	Shoe width	Rubber / Steel	in. (mm)	11.8 (300)	
	Ground contact pressure*2	Canopy Rubber / Steel	psi (kgf/cm ²)	4.365 (0.307) / 4.482 (0.315)	4.583 (0.322) / 4.700 (0.331)
	Cab Rubber / Steel	psi (kgf/cm ²)	4.559 (0.321) / 4.676 (0.329)	4.776 (0.336) / 4.894 (0.344)	
Swing system	Unit swing speed		rpm	8.9	
	Boom swing angle	Left / Right	degree	70 / 48	
Blade	Dimensions	Width	ft. in. (mm)	5'1" (1550)	
		Height	ft. in. (mm)	1'1.5" (345)	1'3.2" (385)
	Max. lift above ground		in. (mm)	14.4 (365)	
	Max. drop below ground		in. (mm)	14.8 (375)	
	Angle	Left / Right	degree	25 / 25	
Hydraulic oil (Reservoir / System)		gal (ℓ)	11.8 (44.6) / 16.1 (61)		
Fuel reservoir		gal (ℓ)	12.4 (46.9)		
Operating weight*1 (Including operator's weight @ 165 lbs.)	Canopy Rubber / Steel	lbs. (kgf)	7420 (3365) / 7616 (3454)		7781 (3529) / 7978 (3618)
	Cab Rubber / Steel	lbs. (kgf)	7742 (3511) / 7938 (3600)		8104 (3675) / 8300 (3764)

*1 Operating weight will increase 440lbs. (200kg) when extendable arm is equipped.
 *2 Ground contact pressure will increase 0.265 psi when extendable arm is equipped.

DIMENSIONS



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