Hancock County Board of Supervisors

Public Hearing Minutes

December 19, 2022 at 1:00 PM

Board Meeting Room

I. Call to Order

The reflects Mr. Camardelle joined the meeting via telephone.

Attendee Name	Title	Status	Arrived
Theresa Ryan	District 1	Present	
Greg Shaw	District 2	Present	
Kodie Koenenn	District 3	Present	
Scotty Adam	District 4	Present	
Darrin Bo Ladner	District 5	Present	

II. County Attorney

1. Motion to spread on the Minutes, property information regarding 5014 Cardinal Street, Bay St. Louis, Mississippi 39520.

   RESULT: **APPROVED [UNANIMOUS]**
   MOVER: Theresa Ryan, District 1
   SECONDER: Greg Shaw, District 2
   AYES: Ryan, Shaw, Koenenn, Adam, Ladner

2. Motion to spread on the Minutes, letters to Mr. Allen J. Camardelle at the ad valorem tax address and the physical address of 5014 Cardinal Street, Bay St. Louis, MS 39520.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Greg Shaw, District 2
SECONDER:	Theresa Ryan, District 1
AYES:	Ryan, Shaw, Koenenn, Adam, Ladner

3. Motion to spread on the Minutes, undeliverable certified letter to Mr. Allen J. Camardelle at the physical address of the property, 5014 Cardinal Street, Bay St. Louis, MS.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Greg Shaw, District 2
SECONDER:	Scotty Adam, District 4
AYES:	Ryan, Shaw, Koenenn, Adam, Ladner

III. Motions

The record reflects Mr. Anthony Cuevas, Hancock County Building Official, addressed the Board with his findings that the house is in a state of uncleanliness and is a menace to the public health, safety and welfare of the community.

Additionally, Mr. Camardelle, Owner agrees the house needs to be torn down and he gave permission for a contractor to start tearing the property down, which includes hauling off the debris.

The record further reflects that Mr. Camardelle was advised that pursuant to Mississippi Statute 19-5-105; an adjudication that the property or parcel of land is in need of cleaning will authorize the board of supervisors to reenter the property or parcel of land for a period of one (1) year after the hearing without any further hearing.

Further, the Board requested that county building officials periodically monitors the cleanup of the property and keep the Board informed of their findings.

The hearing concluded with the determination and Motion pursuant to Mississippi Statute 19-5-105, and consistent with the statements of Mr. Cuevas, Building Official, and Mr. Camardelle, Owner, the property located at 5014 Cardinal Street, Bay St. Louis, Mississippi is a menace to the public health, safety and welfare of the community and authorized the removal of the building, within the Board of Supervisors discretion, the Supervisors will allow up to 90 days for Mr. Camardelle to remove the building on his own and reserves the right to reenter the property to remove the building themselves with a status of the property to be brought back to the Board no later than January 17, 2023.

1. Motion pursuant to Mississippi Code 19-5-105, and consistent with the statements of Mr. Cuevas, Building Official, and Mr. Camardelle, Owner, the property located at 5014 Cardinal Street, Bay St. Louis, Mississippi is a menace to the public health, safety and welfare of the community and authorized the removal of the building, within the Board of Supervisors discretion, the Supervisors will allow up to 90 days for Mr. Camardelle to remove the building on his own and reserve the right to reenter the property to remove the building themselves with a status of the property to be brought back to the Board no later than January 17, 2023.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Scotty Adam, District 4
SECONDER:	Kodie Koenenn, District 3
AYES:	Ryan, Shaw, Koenenn, Adam, Ladner

IV. Award of Bids for Dozer and Excavator

1. Motion to include and spread on the Minutes, the bids received for the Dozer with a finding that Equipment Inc., being the apparent low bidder with the trade in amount of $125,035.00; the second apparent low bidder is Lyle Machinery with a bid of $154,569.00, and trade-in allowance bringing the total to 141,319.00; that the Equipment Inc., proposal provides an item that exceeds the weight specification requirements advertised, and the county has no prior history with Equipment Inc.; therefore, Motion to award the bid to the second lowest bidder being Lyle Machinery in the amount of $154,569, rejecting the trade allowance.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Theresa Ryan, District 1
SECONDER:	Greg Shaw, District 2
AYES:	Ryan, Shaw, Koenenn, Adam, Ladner

2. Motion to include and spread on the Minutes, the bids received for the Excavator with Puckett Rents being the apparent lowest proposer (accepting the trade in) in the amount of $65,502.72, and authorize and approve Puckett Rents' proposal as the lowest and best proposal under 31-7-13(d).

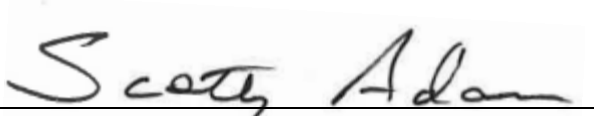
RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Scotty Adam, District 4
SECONDER:	Kodie Koenenn, District 3
AYES:	Ryan, Shaw, Koenenn, Adam, Ladner

V. Public Comments

VI. Adjourn / Recess

The record reflects the 1:00 PM meeting concluded at 1:23:06 PM.

The Minutes of the December 19, 2022 have been read and approved.



Supervisor Scotty Adam, President

139K-0-32-098.000

Parcel Number: 139K-0-32-098.000
Owner Name: CAMARDELLE ALLEN J
Owner Address: P O BOX 23506
Owner City, State ZIP: NEW ORLEANS, LA 70183-3506
Physical Address: 5014 CARDINAL ST
Improvement Type: RES
Year Built: 2006
Base Area: 1222
Adjusted Area: 1593
Actual Total Value: 0
Taxable Total Value: 102403
Estimated Tax: 1462.89000000
Homestead Exemption: No
Deed Book: 2013
Deed Page: 14278
Legal Description 1: 41 & 42 BLK 738 SHORELINE PA
Legal Description 2: RK UNIT # 11, ADD. # 1 Z-3-
Legal Description 3:
Legal Description 4:
Legal Description 5:
Legal Description 6:
Longitude: -89.41891656
Latitude: 30.30554719
Square Footage: 17042.86

Attachment: 5014 Cardinal St Property Info (11848 : Spread property information re 5014 Cardinal Street, Bay St. Louis MS)

GCT
Copyright © 2014 GCT, LLC

Attachment: 5014 Cardinal St Property Info (11848 : Spread property information re 5014 Cardinal Street, Bay St. Louis MS)

Attachment: 5014 Cardinal St pic2 (11848 : Spread property information re 5014 Cardinal Street, Bay St. Louis MS)

BOARD OF SUPERVISORS

Hancock County
854 Highway 90, Suite A
Bay St. Louis, MS 39520

Telephone (228) 467-0172
Fax (228) 467-2691

November 28, 2022

VIA US MAIL
Mr. Allen J. Camardelle
5014 Cardinal Street
Bay Saint Louis, MS 39520

Re: Notice of Hearing
19th day, December, 2022, at 1:00 p.m.
Property located at 5014 Cardinal Street, Bay St. Louis, MS 39520

Dear Mr. Camardelle:

Please see the enclosed NOTICE OF HEARING and be advised that a Hearing is scheduled for the 19th day, of December, 2022, at 1:00 p.m., at the Hancock County Board of Supervisors' Meeting Room, 854 Highway 90, Suite A, Bay St. Louis, Mississippi, 39520, regarding the property referenced above. The hearing noticed is to determine whether the described property constitutes a menace to the public health and safety of the community.

Your immediate action to protect your rights is imperative, if you cannot attend the Hearing, you may mail or email your comments to the Hancock County Board of Supervisors office at 854 Highway 90, Suite A, Bay St. Louis, Mississippi, 39520 or to Valerie.Fitts@co.hancock.ms.us.

If you have any questions, please feel free to call our office (228) 467-0172.

Best regards,
Valerie Fitts
Deputy Clerk/Board Secretary

Enclosure as stated
cc: Jimmie Ladner, Jr., County Administrator (via email)
Gary Yarborough, Jr., County Attorney (via email)
Scotty Adam, Board President (via email)

Attachment: Mr. Camardelle letter to 5014 Cardinal Street (11729 : Spread letters to homeowner regarding 5014 Cardinal Street, BSL)

NOTICE OF HEARING

To: 5014 Cardinal Street, Bay Saint Louis, Mississippi 39520 and General Public

Re: December 19, 2022, 1:00 p.m. Hearing to Determine Whether Described Property Constitutes a Public Nuisance

Hearing Location: 854 Highway 90, Bay St. Louis, MS 39520
(Hancock Co. Board of Supervisors/Board Room)

THE HEARING NOTICED IS IMPORTANT AND YOU MUST TAKE IMMEDIATE ACTION TO PROTECT YOUR RIGHTS.

The Hancock Board of Supervisors ("the Board") has issued a resolution invoking its authority pursuant to Miss. Code Ann. 19-5-105 to hold a hearing to determine whether or not the below described real property constitutes a public nuisance due to the presence of a fire and safety hazard on the premises, and/or other conditions on the premises. The Board will hold a hearing on December 19, 2022, beginning at 1:00 p.m. to determine whether the described property constitutes a menace to the public health and safety of the community.

IF YOU DO NOT AGREE THAT THE DESCRIBED PROPERTY CONSTITUTES A MENACE TO PUBLIC HEALTH AND SAFETY, YOU MUST APPEAR AT THE HEARING TO CONTEST THE ISSUE.

In the event that the Board determines at the hearing that the described property constitutes a menace to the public health and safety of the community, the Board may, if you do not do so, proceed to clean the land by removing the hazardous structures from the described real property. An adjudication at the hearing that the property or parcel of land is in need of cleaning will authorize the board of supervisors to reenter the property or parcel of land for a period of one (1) year after the hearing without any further hearing, if notice is posted on the property or parcel of land and at the county courthouse or another place in the county where such notices are generally posted at least seven (7) days before the property or parcel of land is reentered for cleaning. A copy of the required notice mailed and posted as required by Mississippi Code Section 19-5-105 shall be recorded in the minutes of the board of supervisors in conjunction with the hearing required by said section.

After the property is cleaned, the Board may by resolution adjudicate the actual cost of cleaning the property and the assessment would become a lien against the property to be enrolled and enforced by sale of the land in the same manner as liens to enforce delinquent taxes.

The properties that are subject to the hearing are the following:

5014 Cardinal Street
Bay Saint Louis, MS 39520

Ordered on the 21st day of November, 2022.

Scotty Adam, President, Hancock County Board of Supervisors

Attachment: Mr. Camardelle letter to 5014 Cardinal Street (11729 : Spread letters to homeowner regarding 5014 Cardinal Street, BSL)

BOARD OF SUPERVISORS

Hancock County
854 Highway 90, Suite A
Bay St. Louis, MS 39520

Telephone (228) 467-0172
Fax (228) 467-2691

November 28, 2022

VIA US MAIL
Mr. Allen J. Camardelle
P.O. Box 23506
New Orleans, LA 70183-3506

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If you have any questions, please feel free to call our office (228) 467-0172.

Best regards,

Valerie Fitts
Deputy Clerk/Board Secretary

Enclosure as stated
cc: Jimmie Ladner, Jr., County Administrator (via email)
Gary Yarborough, Jr., County Attorney (via email)
Scotty Adam, Board President (via email)

Attachment: Mr. Camardelle letter to P.O. Box New Orleans (11729 : Spread letters to homeowner regarding 5014 Cardinal Street, BSL)

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BOARD OF SUPERVISORS
Hancock County
854 Highway 90
Bay St. Louis, MS 39520

GULFPORT MS 395
30 NOV 2022 PM 3 T

Mr. Allen J. Camardelle
5014 Cardinal Street
Bay Saint Lo MS 39520

MIXIE 392 FE 1 0012/01/22

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD

UTF BC: 39520273899 *0766-00677-29-39

39520>2738
39520$7100

Attachment: Returned Certified Mail to physical address 5014 Cardinal Street (11790 : Spread

EQUIPMENT INCORPORATED SINCE 1951

12/19/22
Hancock County Board of Supervisors
854 Hwy 90
Bay St. Louis, MS 39520

Attn: County Administrator

Thank you for considering Equipment Incorporated for your material handling needs. We are pleased to offer the following for your approval.

One (1) New Doosan DD100 Dozer

CASH PRICE:----------	$150,035.00
Trade Option: Caterpillar D4C S/N 1FW00441----------	$25,000.00
Cash Price w/ Trade Option: ----------	$125,035.00

Bid Includes: 5 Year/3,000 Hour Full Machine Warranty, All Filters for Service Intervals up to 2,500 Hours, Delivery to 18382 Hwy 43, Kiln MS, 39556 and Delivery 30 Days or Less After Receipt of PO

Bid Date 12/19/22. Bid is good for 30 days only.

Bid Includes Delivery

Parts and service is available from our eight locations: Jackson, Hattiesburg and Tupelo, MS, Mobile, AL, Shreveport and Alexandria LA, Longview and Texarkana, TX. We appreciate your business. Should you have any questions or if we may assist you further, please feel free to contact us.
Sincerely,

EQUIPMENT INCORPORATED

Cameron Kershaw
Territory Manager

ACCEPTED AS CONTRACT OF SALE

By:_____

P.O.#_____

Date:_____

Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

SPEC SHEET

DOZER

2022 OR NEWER

21,000-22,000 LB OPERATING WEIGHT

ENCLOSED CAB HEATING AND AIR CONDITIONING

INTEGRATED REAR VIEW CAMERA

INTEGRATED AM/FM RADIO

WORK LIGHT PACKAGE

AIR SUSPENSION CLOTH SEAT

25" WIDE TRACK

100 HP MINIMUM

MINIMUM 3.0 CUBIC YARD BLADE

5 YR 3,000 HR EXTENDED PREMIER FULL MACHINE WARRANTY

UPON DELIVERY DEALER TO PROVIDE ALL FILTERS FOR SERVICE INTERVALS FOR UP TO 2500 HRS

MUST TAKE DELIVERY IN 30 DAYS OR LESS AFTER ISSUE OF PURCHASE ORDER AT THE FOLLOWING ADDRESS

18382 HIGHWAY 43 KILN MS 39556

Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

OPTION OF TRADE IN

COUNTY OWNED CAT D4C LGP

S/N 1FW00441 APPROX. HRS 4050

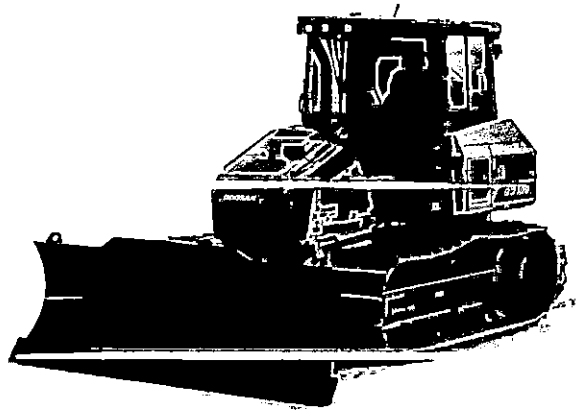
Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

DD100
DOZER

DOOSAN

na.DoosanEquipment.com/dozer

TECHNICAL SPECIFICATIONS



ENGINE

MAKE	Doosan
MODEL	D34
NUMBER OF CYLINDERS	4
RATED POWER GROSS (HP PER SAE J1995)	122.0 HP (91.0 kW) @2200 rpm
RATED POWER NET (HP PER SAE J1349)	–
MAXIMUM TORQUE (GROSS) (SAE J1995)	391 lbf.ft. (54.0 kfgm) @ 1400 rpm
PISTON DISPLACEMENT	208 in³ (3.4 L)
BORE AND STROKE	3.9 in. x 4.4 in. (98 mm x 113 mm)
STARTER	24 V, 6.7 HP (5.0 kW)
BATTERY (QTY 2)	2 - 12 V, 150 AH
ALTERNATOR	24 V, 80 amp
AIR CLEANER	Double Element

HYDRAULICS

MAIN PUMP	1 gpm x 26 gpm (1 x 99 L/min)
RELIEF PRESSURE (NORMAL)	3626 psi (255 kg/cm²)

UNDERCARRIAGE

UPPER ROLLERS (EACH TRACK)	1
LOWER ROLLERS (EACH TRACK)	7
NUMBER OF SHOES (LINKS PER SIDE)	40

DRIVE SYSTEM

TRAVEL SPEED (LOW - HIGH)	0 - 5.6 mph (0 - 9.0 km/h)
TRACTION FORCE, MAX (DRAWBAR PULL)	35,296 lbf. (16,010 kgf)
MAXIMUM GRADE	70% (35°)

ENVIRONMENT

SOUND LEVEL (2000/14/EC)	106 dB(A)
CABIN SOUND LEVEL (ISO 6396)	76 dB(A)

REFILL CAPACITIES

FUEL TANK	51.5 gal. (195 L)
DEF TANK	16.6 gal. (63.0 L)
COOLING SYSTEM (RADIATOR CAPACITY)	6.2 gal. (23.5 L)
ENGINE OIL	11.1 gal. (42.0 L)
FINAL DRIVE (EACH SIDE)	1.8 gal. (7.0 L)
HYDRAULIC SYSTEM	21.1 gal. (80 L)
HYDRAULIC TANK	0. gal. (.0 L)

HYDRAULIC CYLINDERS

BLADE LIFT (2)	3.5 in. x 2. in. x 13.7 in. (90 mm x 50 mm x 347 mm)
BLADE ANGLE (2)	3.1 in. x 1.8 in. x 17.4 in. (80 mm x 45 mm x 443 mm)
BLADE ROTATE (1)	3.5 in. x 2. in. x 5.5 in. (90 mm x 50 mm x 140 mm)
RIPPER LIFT	3.5 in. x 2. in. x 3.6 in. (90 mm x 50 mm x 91 mm)

BORE x ROD DIAMETER x STROKE

The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Doosan® dozers may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Doosan construction equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008. All dimensions are given for Doosan dozers equipped with standard tires.

Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

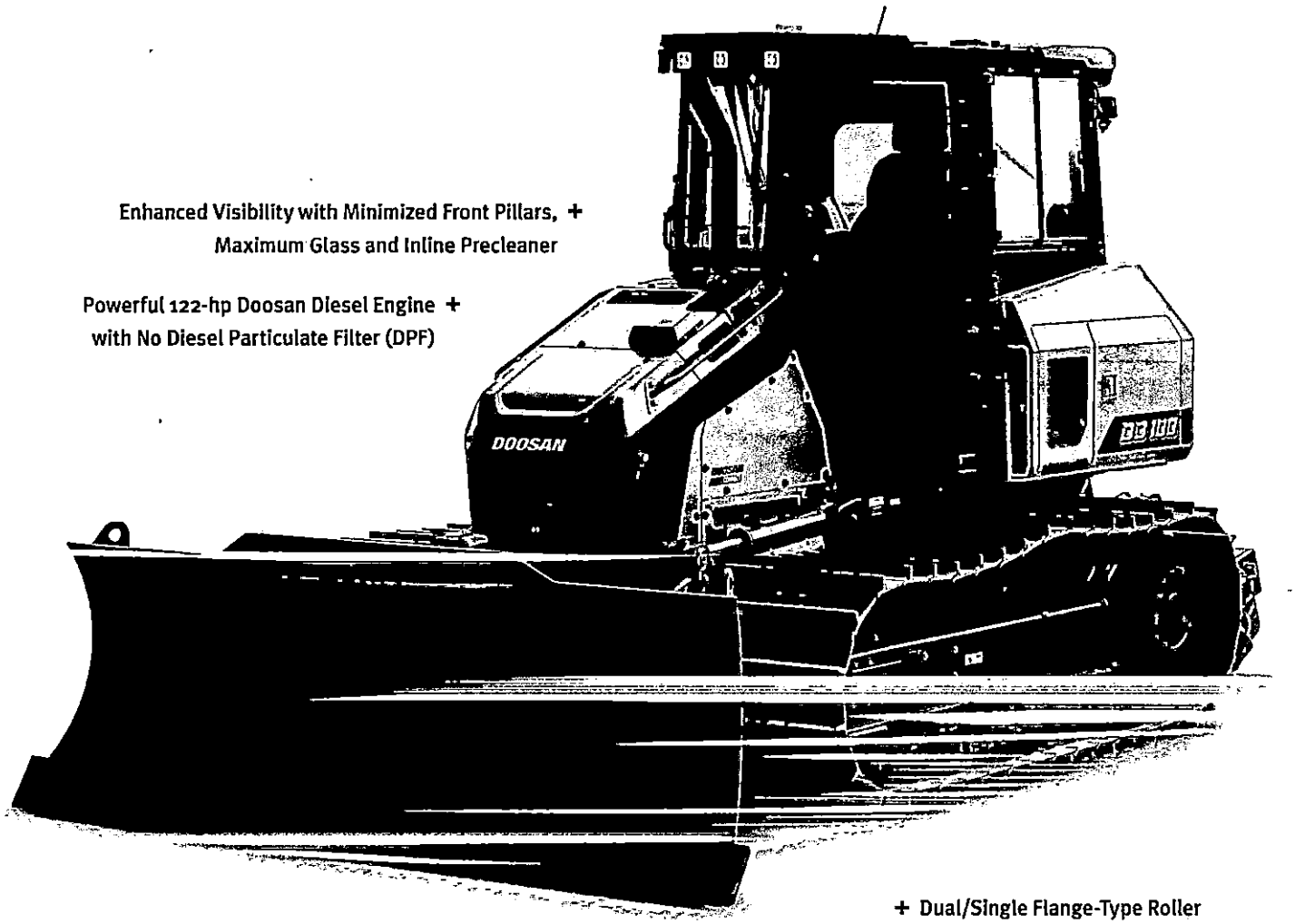
DD100 FEATURES

LED Lights +
Automatic Shut-Off Sensor +
8-inch Doosan® Smart Touch Display +

+ Front, Rear and Side Wiper Blades
+ Standard Rearview Camera

Enhanced Visibility with Minimized Front Pillars, + Maximum Glass and Inline Precleaner

Powerful 122-hp Doosan Diesel Engine + with No Diesel Particulate Filter (DPF)



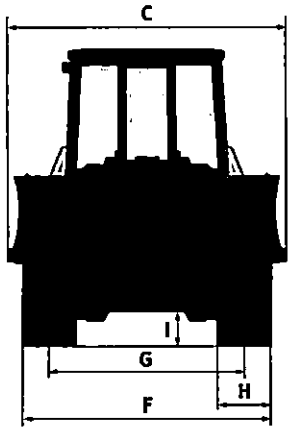
+ Dual/Single Flange-Type Roller with Multiple Track Guard Options

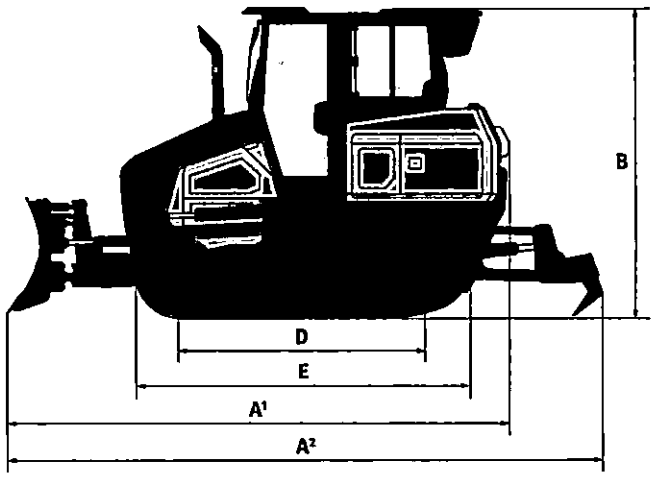
Available 3D Machine Guidance + and 3D Machine Control

Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

DD100
DIMENSIONS

		XL BLADE	LGP BLADE
BLADE TYPE		XL	LGP
OVERALL SHIPPING LENGTH	A¹	15' 7" (4739 mm)	
OVERALL SHIPPING LENGTH (W/ RIPPER)	A²	18' 5" (5618 mm)	
OVERALL SHIPPING HEIGHT	B	9' 6" (2892 mm)	
OVERAL SHIPPING WIDTH (BLADE STRAIGHT)	C	8' 11" (2710 mm)	10' 7" (3220 mm)
TUMBLER LENGTH	D	7' 7" (2310 mm)	
OVERALL TRACK LENGTH	E	11' 8" (3567 mm)	
UNDERCARRIAGE WIDTH	F	7' 10" (2400 mm)	8' 6" (2590 mm)
TRACK GAUGE WIDTH	G	6' 2" (1890 mm)	
TRACK GROUSER WIDTH	H	1' 8" (510 mm)	2' 4" (700 mm)
GROUND CLEARANCE	I	1' 1" (322.5 mm)	





Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

y 49 South
, MS 39218

Rec'd - 12/19/22
@ 9:44 AM
KF

Hancock County Board of Supervisors
ATTN: County Administrator
854 Hwy 90, Bay St. Louis, MS 39520

* Proposal For Dozer *

Attachment: Equipment Inc (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

P. O. BOX 23087 JACKSON, MS 39225-3087
19450 Hwy 49 North Gulfport, MS 39503

LYLE
MACHINERY

Hancock County Board of Supervisors
854 Highway 90
Bay Saint Louis, MS

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

LYLE MACHINERY

Lyle Machinery Co.
Machine Quotation

Hancock County
Governmental Quote

08DEC22

Lyle Machinery is pleased to submit the following quote:

New 2023 Komatsu D39PX-24 Crawler Dozer equipped as follows:

- Cab with Air
- 27.5" Single Grouser Pads
- 128" Power Angle Tilt Blade
- Rear Drawbar
- All standard equipment
- 4 Years or 2500 Hour** PM Services includes Air Filters & Travel
- Komatsu 5 Year or 6,000 Hour** Undercarriage Assurance Program
- Includes 5 Year or 4,000 Hour** Premier Full Warranty

Machine Sale Price **$154,569**

Optional Trade Allowance: 1999 Caterpillar D4CXL 1FW00441 $13,250

** Whichever occurs first

Prices do not include Sales Tax

Thank you,

Craig Cook
Lyle Machinery
19450 HWY 49 North
Gulfport, MS 39503

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

SPEC SHEET

DOZER

2022 OR NEWER

21,000-22,000 LB OPERATING WEIGHT

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INTEGRATED REAR VIEW CAMERA

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OPTION OF TRADE IN

COUNTY OWNED CAT D4C LGP

S/N 1FW00441 APPROX. HRS 4050

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

KOMATSU®

D39EX-24
D39PX-24

Tier 4 Final Engine

D39

CRAWLER DOZER

Photos may include optional equipment.

NET HORSEPOWER
105 HP @ 2200 rpm
78 kW @ 2200 rpm

OPERATING WEIGHT
D39EX-24: 21,891 lb 9930 kg
D39PX-24: 22,817 lb 10350 kg

BLADE CAPACITY
Power Angle Tilt (PAT) Dozer:
D39EX-24: 2.89 yd³ 2.21 m³
D39PX-24: 3.14 yd³ 2.40 m³

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

KOMATSU CARE

OUTSTANDING PRODUCTIVITY & FUEL ECONOMY

Power and Economy modes: Power mode provides full power when needed. Use Economy mode for light dozing and extra fuel economy.

Precise engine and efficient hydros pump control technology improves operational efficiency and lowers fu consumption.

Photos may include optional equip

SAA4D95LE-7 variable flow turbocharged and aftercooled 3.26 liter diesel engine provides excellent fuel economy. This engine is EPA Tier 4 Final emissions certified.

Water Cooled Variable Flow Turbocharger uses a simple valve to provide optimum air flow under all speed and load conditions.

Komatsu Diesel Oxidation Catalyst (KDOC) and Selective Catalytic Reduction (SCR) systems reduce particulate matter and NOx using passive regeneration 100% of the time. No active or manual regeneration is required.

New Komatsu Auto Idle Shutdown helps reduce excessive idle time.

Rear view monitoring system (standard)

Advanced diagnostic system continuously monitors machine operation and vital systems to identify machine issues, assists with troubleshooting, and minimizes down time.

Single pedal can act as either brake or decelerator.

Efficient Cooling System:
- Electronically controlled, hydraulically-driven fan is manually reversible
- Rear hinged radiator guard with gas assisted lift cylinders, opens easily for cleaning
- Side-by-side coolers provide single plane to reduce chances of plugging

The **KOMTRAX®** telematics system is standard on Komatsu equipment with no subscription-fee's throughout the life of the machine. Using the latest wireless technology, **KOMTRAX®** transmits valuable information such as location, utilization, and maintenance records to a PC or smart-phone app. Custom machine reports are provided for identifying machine efficiency and operating trends. **KOMTRAX®** also provides advanced machine troubleshooting capabilities by continuously monitoring machine health.

New Operator Identification System (standard) can be monitored through KOMTRAX

Integrated ROPS cab features:
- Large, quiet, pressurized cab
- Exceptional visibility with super slant nose design and integrated ROPS structure
- Heated air-ride seat with high capacity suspension (standard)
- Standard aux jack and (2) 12V power convertors

Improved durability:
- Heavy-plate steel used for nose and tanks
- Dozer frame with full steel castings
- Komatsu designed and manufactured components

Self-adjusting idler support provides constant and even idler tension, reducing vibration and increasing undercarriage life.

Parallel Link Undercarriage System (PLUS) provides up to double the wear life and lowers repair and maintenance costs compared to a standard undercarriage design.

New Triple Labyrinth Final Drive provides additional protection for the final drive floating seals.

Power Angle Tilt (PAT) dozer with manually adjustable blade pitch increases productivity in a variety of applications.
- Three mounting locations for grade control masts

Complete operator blade control:
- Palm Command Control System (PCCS)
- Electronic Proportional Control (EPC)
- Adjustable Quick shift and Variable shift modes
- Blade angle switch
- New three blade control settings
- Up to 5 individual operator memory settings

Efficient Hydrostatic Transmission with electronic control:
- Customizable quick shift (3 speed) settings for the operator
- Variable speed selection (20 speeds)
- Low speed matching technology (larger displacement pumps/efficient engine speed)
- HST control system reduces fuel consumption

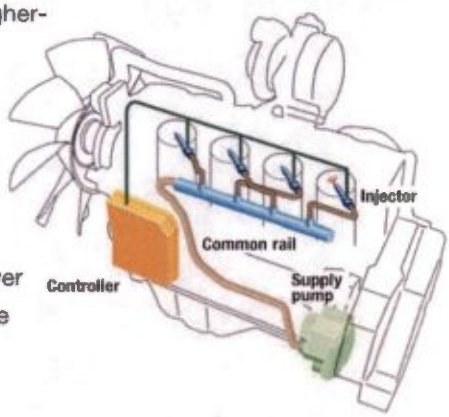
Large color monitor:
- Easy-to-read and use large 7" high-resolution multi-color LCD monitor
- Ecology guidance
- Easy-to-use onboard diagnostics that don't require a laptop
- Real-time DEF monitoring so the operator can see actual DEF levels

Convenient shovel holder (standard)

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

Heavy-duty High Pressure Common Rail (HPCR) fuel injection system

The system is designed to achieve an optimal injection of high-pressure fuel by means of computerized control, thereby bringing close to complete combustion to reduce Particulate Matter (PM) emissions. While this technology is already used in current engines, the new system uses higher-pressure fuel injection, thereby reducing both PM emissions and fuel consumption over the entire engine power range.



Advanced electronic control system

The electronic control system performs high-speed processing of all signals from sensors installed in the vehicle and engine. This ensures total control of the equipment under all conditions. Engine condition information is displayed via an on-board network on the monitor inside the cab. Furthermore, KOMTRAX helps customers use this information to keep up with maintenance needs.

Redesigned combustion chamber at top of piston

The combustion chamber at the top of the piston has a new shape designed to improve combustion and further reduce NOx, PM, fuel consumption and noise.

Auto Idle Shutdown Function

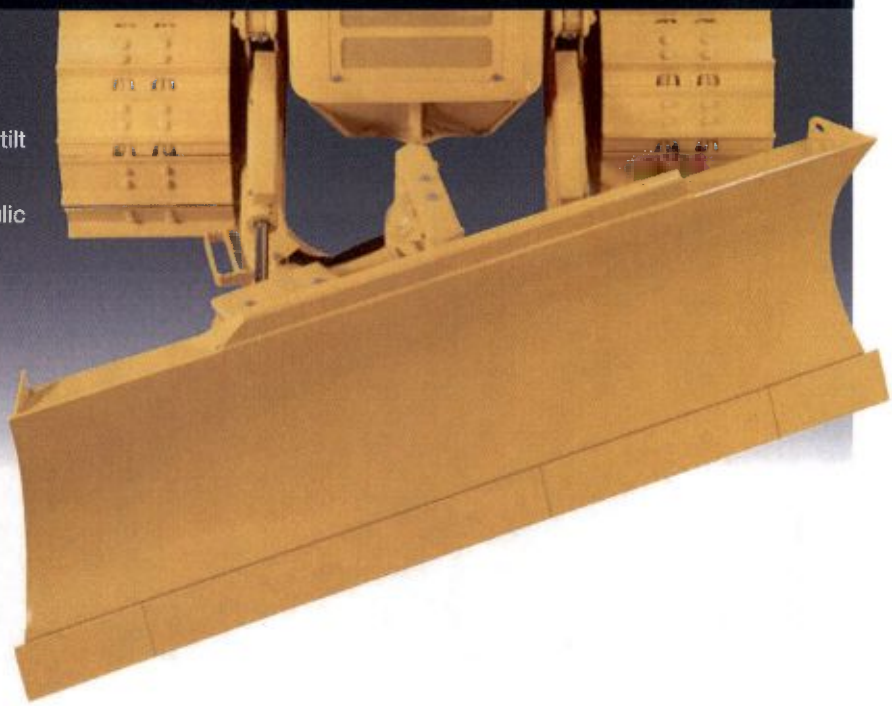
Komatsu auto idle shutdown automatically shuts the engine down after idling for a set period of time to reduce unnecessary fuel consumption and exhaust emissions. The amount of time before the engine is shutdown can be easily programmed from 5 to 60 minutes.

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

PAT DOZER

Moldboard PAT Dozer with Adjustable Pitch

A high wear-resistant power angle, power tilt dozer blade with adjustable blade pitch is available on the D39EX/PX-24. The hydraulic blade tilt and angling function expands versatility and productivity in a variety of applications.



Unrivaled Blade Visibility

The D39EX/PX-24 incorporates Komatsu's super-slant nose design. Komatsu's innovative design provides excellent blade visibility for improved machine control and increased efficiency and productivity.

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

WORKING ENVIRONMENT

Integrated ROPS (ISO 3471) Cab

The D39EX/PX-24 has an integrated ROPS (ISO 3471) cab. High rigidity and superb sealing performance sharply reduce noise and vibration for the operator and discourage dust from entering the cab. In addition, side visibility is increased because external ROPS (ISO 3471) structure and posts are not required.

Comfortable Ride with Cab Damper Mounting

The D39EX/PX-24's cab mount uses a cab damper system that provides excellent shock and vibration absorption which conventional mounting systems are unable to match. The silicon-oil-filled cab damper mount helps to isolate the cab from the machine body, suppressing vibration and providing a quiet, comfortable operating environment.

Auxiliary Input Jack & Two DC12 Volt Electrical Outlets

By connecting an auxiliary device to this plug input, the operator can play audio from a mobile device through the machine's sound system. Two DC12 volt electrical outlets can be used as a power source for radio equipment or others. One DC24 volt cigarette lighter.

Comfortable Ride with Heated Operator Seat

The operator seat has adjustable lumbar support, tilt and an electric heater. It is easy to adjust to the operator's shape and comfortable operation is possible in a variety of conditions. Also, the seat heat makes it possible to work comfortably in the winter.

ADDITIONAL OPERATOR CONVENIENCE EQUIPMENT

Rear view monitor system

On the large LCD color monitor, the operator can view, through one camera, areas directly behind the machine. This camera can be synchronized with reverse operation.

Secondary engine shutdown switch

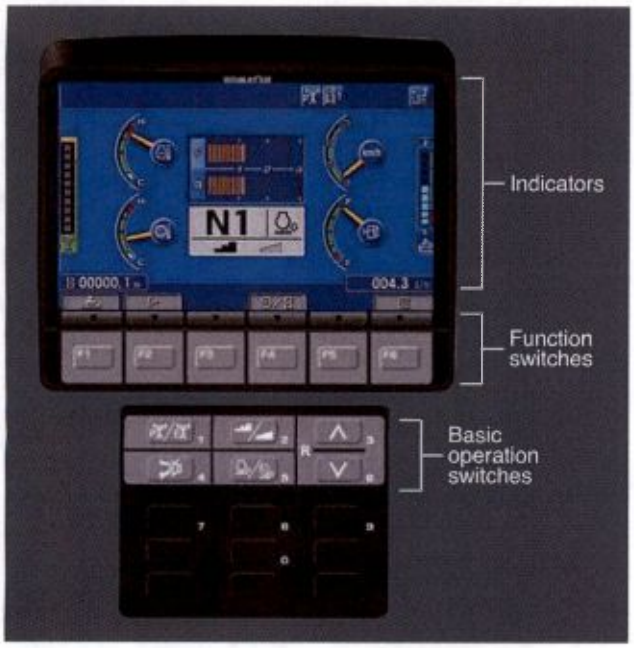
A new secondary switch has been added at the side of the front console to shut down the engine in an emergency.

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

TECHNOLOGY FEATURES

Large Multi-Lingual High Resolution LCD Monitor

A large, user-friendly color monitor provides easy-to-understand information for the operator. Excellent screen visibility is achieved with a high resolution LCD monitor that is easy to read at various angles and lighting conditions. Simple and easy-to-operate switches and function keys facilitate multi-function operations. The monitor displays data in 26 languages.



Multi-monitor with Troubleshooting Function to Minimize Down Time

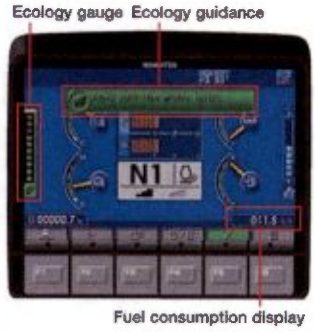
Various meters, gauges and warning functions are centrally arranged on the multi-monitor. The monitor simplifies start-up inspection and promptly warns the operator with a lamp and buzzer if any abnormalities occur. In addition, warning indicators are displayed in 4 levels to alert the operator of potential issues. Replacement times for required PM services are also indicated.

Energy Saving Operation

Ecology guidance

In order to support efficient operation, the following four messages are displayed for fuel saving operation. These can be displayed by the operator, if desired.

1) Avoid Excessive Engine Idling
2) Use Economy Mode to Save Fuel
3) Avoid Hydraulic Relief Pressure
4) Avoid Over Load



Ecology gauge

To help the operator to perform in an environmentally friendly way and minimize energy consumption, an easy-to-read "Ecology gauge" is displayed on the left of the multi-monitor screen.

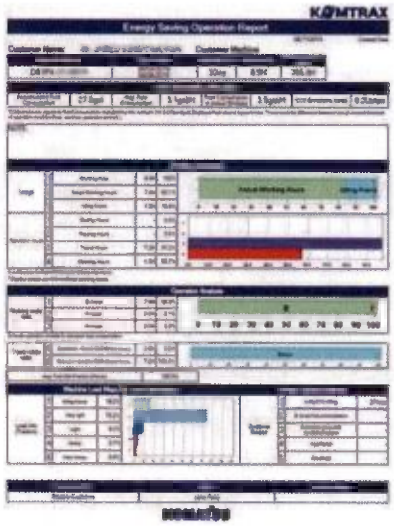
Fuel consumption display

Average fuel consumption during the day is displayed and updated every 10 seconds.

Ecological Operation Report for Assistance

KOMTRAX is Komatsu's remote equipment and fleet monitoring system. Wireless technology and a secure web-based application offer the information needed to make the best possible operation and management decisions. From location, actual hours worked and fuel consumption, to maintenance monitoring, abnormality codes and load frequency, operators receive reports that are simple to read and understand. The new D39EX/PX-24 adds the following new information for fuel consumption reduction.

- Guidance to improve fuel consumption
- Ecological operation report.
- Operating hours by operation mode (E or P mode)
- Service information for U.S. EPA Tier 4 Final (regeneration information)



Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

KOMTRAX EQUIPMENT MONITORING

GET THE WHOLE STORY WITH KOMTRAX®

WHAT

- KOMTRAX is Komatsu's remote equipment monitoring and management system
- KOMTRAX **continuously monitors and records** machine health and operational data
- Information such as fuel consumption, utilization, and a detailed history **lowering owning and operating cost**

WHEN

- Know when your machines are **running or idling** and make decisions that will improve your fleet utilization
- Detailed movement records ensure you know when and where your equipment is moved
- Up to date records allow you to **know when maintenance is due** and help you plan for future maintenance needs

WHERE

- KOMTRAX data **can be accessed virtually anywhere** through your computer, the web or your smart phone
- Automatic alerts keep fleet managers up to date on the latest machine notifications

WHY

- Knowledge is power - **make informed decisions** to manage your fleet better
- Knowing your idle time and fuel consumption will help maximize your machine efficiency
- **Take control of your equipment** - any time, anywhere

WHO

- KOMTRAX is **standard** equipment on all Komatsu construction products

KOMTRAX® For construction and compact equipment.

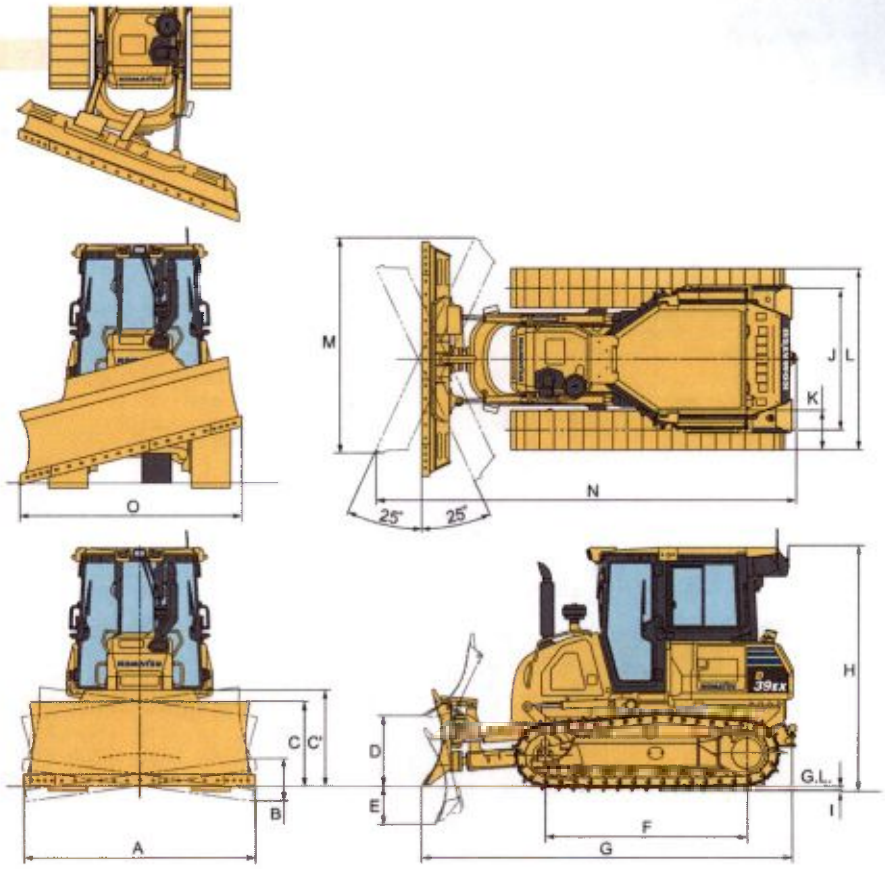
KOMTRAX Plus® For production and mining class machines.

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

DIMENSIONS

	D39EX-24		D39PX-24	
A	2710 mm	8'11"	3250 mm	10'8"
B	365 mm	1'2"	440 mm	1'5"
C	980 mm	3'3"	910 mm	3'
C'	1120 mm	3'8"	1105 mm	3'7"
D	820 mm	2'8"	820 mm	2'8"
E	440 mm	1'5"	440 mm	1'5"
F	2345 mm	7'8"	2345 mm	7'8"
G	4385 mm	14'5"	4385 mm	14'5"
H	2850 mm	9'4"	2850 mm	9'4"
I	47 mm	1.9"	47 mm	1.9"
J	1620 mm	5'4"	1810 mm	5'11"
K	460 mm	1'6"	635 mm	2'1"
L	2080 mm	6'10"	2445 mm	8'2"
M	2495 mm	8'2"	2990 mm	9'10"
N	4910 mm	16'1"	5020 mm	16'6"
O	2475 mm	8'1"	2940 mm	9'8"

Ground clearance ..... 390 mm **15"**



HYDRAULIC SYSTEM

Closed-Center Load Sensing System (CLSS) designed for precise and responsive control, and for efficient simultaneous operation.

Hydraulic control unit:

All spool control valves externally mounted remote to the hydraulic tank. Piston-type hydraulic pump with capacity (discharge flow) of 99 ltr/min **26.2 U.S. gal/min** at rated engine rpm.

Relief valve setting ..... 27.4 MPa 280 kg/cm² **3,974 psi**
Hydraulic cylinders..... Double-acting, piston type

	Number of cylinders	Bore
Blade lift	2	75 mm **3"**
Blade tilt	1	90 mm **3.5"**
Blade angle	2	80 mm **3.2"**

Hydraulic oil capacity (refill):
Power angle tilt dozer ..... 64 ltr **17 U.S. gal**

Control valves:
3-spool control valve for Power Angle Tilt dozer
Positions:
Blade lift ..... Raise, hold, lower, and float
Blade tilt ..... Right, hold, and left
Blade angle ..... Right, hold, and left

Additional control valve required for ripper
Positions:
Ripper lift ..... Raise, hold, and lower

DOZER EQUIPMENT

	Overall Length With Dozer* mm ft.in	Blade Capacity m³ yd³	Blade Width x Height mm ft.in	Max. Lift Above Ground mm ft.in	Max. Drop Below Ground mm ft.in	Max. Tilt Adjustment mm ft.in	Blade Angle
D39EX-24	4385 mm	2.21 m³	2710 mm x 980 mm	820 mm	440 mm	365 mm	25°
Standard Blade	**14'5"**	**2.89 yd³**	**8'11" x 3'3"**	**2'8"**	**1'5"**	**1'3"**	
D39PX-24	4385 mm	2.40 m³	3250 mm x 910 mm	820 mm	440 mm	440 mm	25°
Standard Blade	**14'5"**	**3.14 yd³**	**10'8" x 3'**	**2'8"**	**1'5"**	**1'5"**	
D39PX-24	4385 mm	2.22 m³	2980 mm x 910 mm	820 mm	440 mm	405 mm	25°
Narrow Blade	**14'5"**	**2.90 yd³**	**9'9" x 3'**	**2'8"**	**1'5"**	**1'4"**	

Blade capacities are based on the recommended practice ISO 9246. Use of high-tensile-strength steel in moldboard for strengthened blade construction.

* Including hitch

Attachment: Lyle Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

uckett Machinery Company
O. Box 321033
lowood, MS 39232

4.1.c

HANCOCK COUNTY
COUNTY ADMINISTRATOR
854 HIGHWAY 90
BAY ST. LOUIS, MS 39520

OSAL FOR DOZER

DEC 16 2022

9:08

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

Puckett

December 19, 2022

Hancock County Board of Supervisors
P.O. Box 429
Bay St. Louis, Ms 39521

We are pleased to provide the following quotation for your consideration.

One New 2022 Caterpillar D3 Track-Type Tractor meeting or exceeding your advertised specifications and equipped as follows:
-Enclosed Cab
-Rear View Camera
-6 Work Lights
-AM/FM Radio
-Climate Controlled A/C and Heat
-26" Sealed & Lubricated HD Track
-126" Power Angle & Tilt Blade
-Cloth Suspension Seat
-AM/FM Radio
F.O.B. Hancock Co, MS $177,934

Warranty: 60 Month/3,000 Hour Caterpillar Premier Warranty including air filters per specs

Availability: 30 days from receipt of PO, subject to prior sale

We appreciate the opportunity to offer this quotation and thank you for considering Puckett Machinery for your equipment needs.

Sincerely,

Jim Webb
Puckett Machinery Co.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

D3

TRACK-TYPE TRACTOR

Net Power (2,200 rpm)	
SAE J1349, ISO 9249, 80/1269/EEC	77.6 kW (104 hp)
Operating Weight	
D3	9362 kg (20,640 lb)
D3 LGP	9693 kg (21,369 lb)

Cat® C3.6 Engine meets U.S. EPA Tier 4 Final/Japan 2014 Tier 4 Final/Korea Tier 4 Final/EU Stage V emission standards.

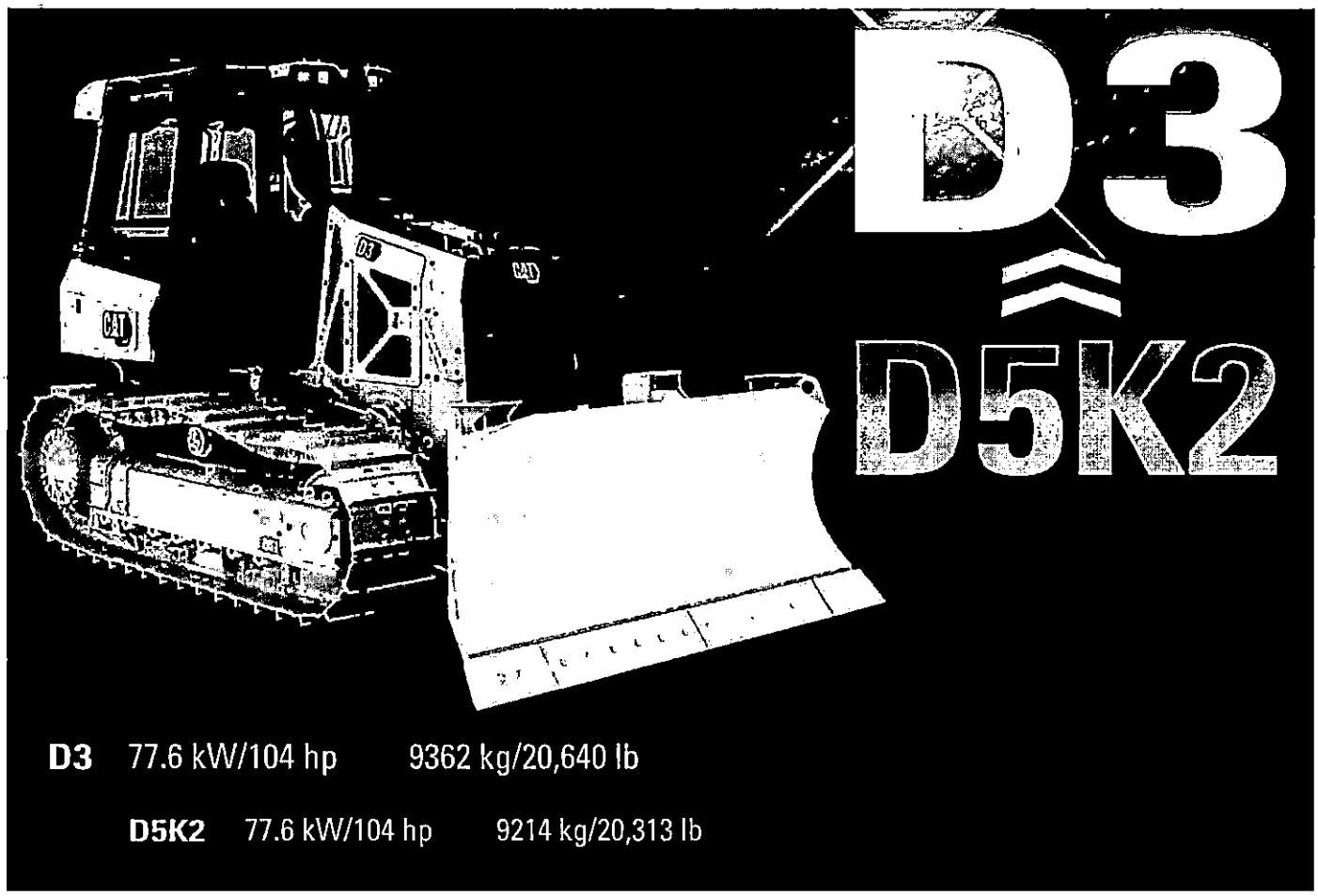
CAT®

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

The new **Cat® D3** succeeds the renowned D5K2 with superior performance and the broadest choice of technology features to help you get the most from your dozer. Nimble and responsive, it has power for dozing and finesse for grading. Fully hydrostatic transmission gives you seamless acceleration, so you can get the job done quickly.

THE NEW CAT® D3

PERFORMANCE AND TECHNOLOGY



D3 77.6 kW/104 hp 9362 kg/20,640 lb

D5K2 77.6 kW/104 hp 9214 kg/20,313 lb

NEW NAMES, SAME WORLD-CLASS PERFORMANCE

The update from D5K2 to D3 is part of an effort to make all Cat dozer model names simpler. Over the next couple of years, the Cat dozer range will be renamed from smallest to largest – D3 to D11 – with one model per size class and no more letter modifiers like "N," "K," "T."

While the number may be different, the D3 gives you all the advantages of the D5K2 and so much more. The D3 delivers more technology, better visibility and more performance, helping you make the most of your equipment investment.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

SETTING THE STANDARD
FROM FIRST PASS TO FINISH GRADE

IMPROVED VISIBILITY

The angle of the hood was increased to enhance the peripheral vision for the operator. This new sloped hood allows for better assessment of the work in front of the blade and job site awareness. Better visibility can equal less operator fatigue and more confidence in your work.

GRADE TECHNOLOGY

GRADE with 3D and Slope Assist™ help achieve the best quality grading results, while new technologies make machine operation easier and more efficient.

UP TO 10% IMPROVED FUEL ECONOMY

+ Lowers operating costs to the customer
+ Lowest fuel consumption in this size class
+ Still same great performance you've come to expect
+ Up to 20% improvement and no performance sacrifice with ECO mode active
+ Engine efficiency enhancements

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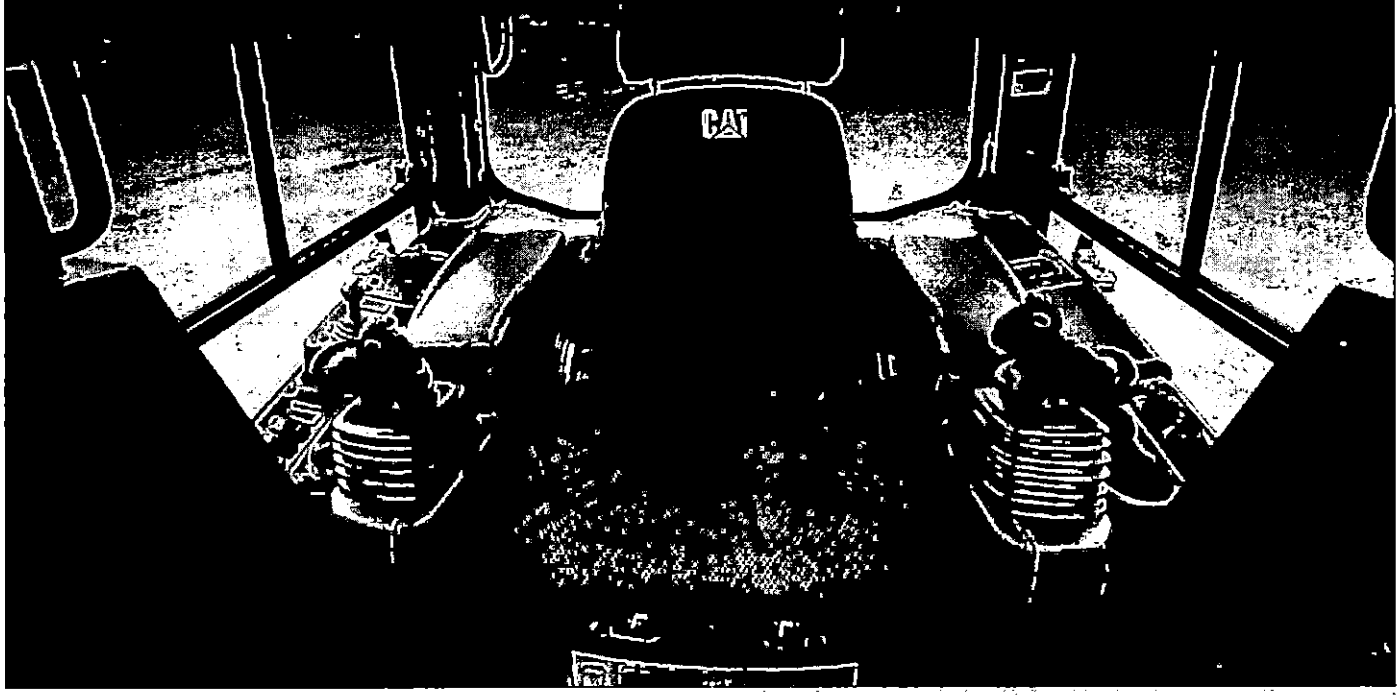
OPERATOR STATION

THE COMFORT AND CONTROL FOR A PRODUCTIVE SHIFT



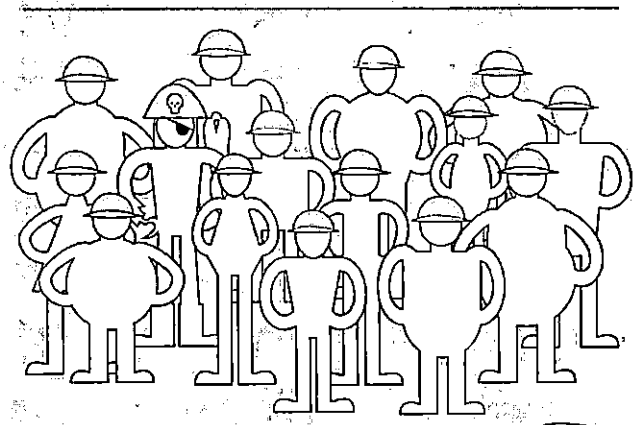
EASY OPERATION

The hydrostatic transmission provides infinite speed control – just choose the speed and go. The load sensing system automatically optimizes ground speed based on load, for the greatest productivity and fuel efficiency.

WORK SPACE

Regardless of operator stature, step into a spacious and comfortable cab that resets the industry standard. An optional heated and ventilated seat, along with heated joystick controls make the operator comfortable no matter what the conditions are outside. The seat height adjustment is now easier to access, and armrests can be quickly adjusted to operator's preference – no tools required!

A CAB EVERY BODY CAN LOVE



6 Seat Adjustments

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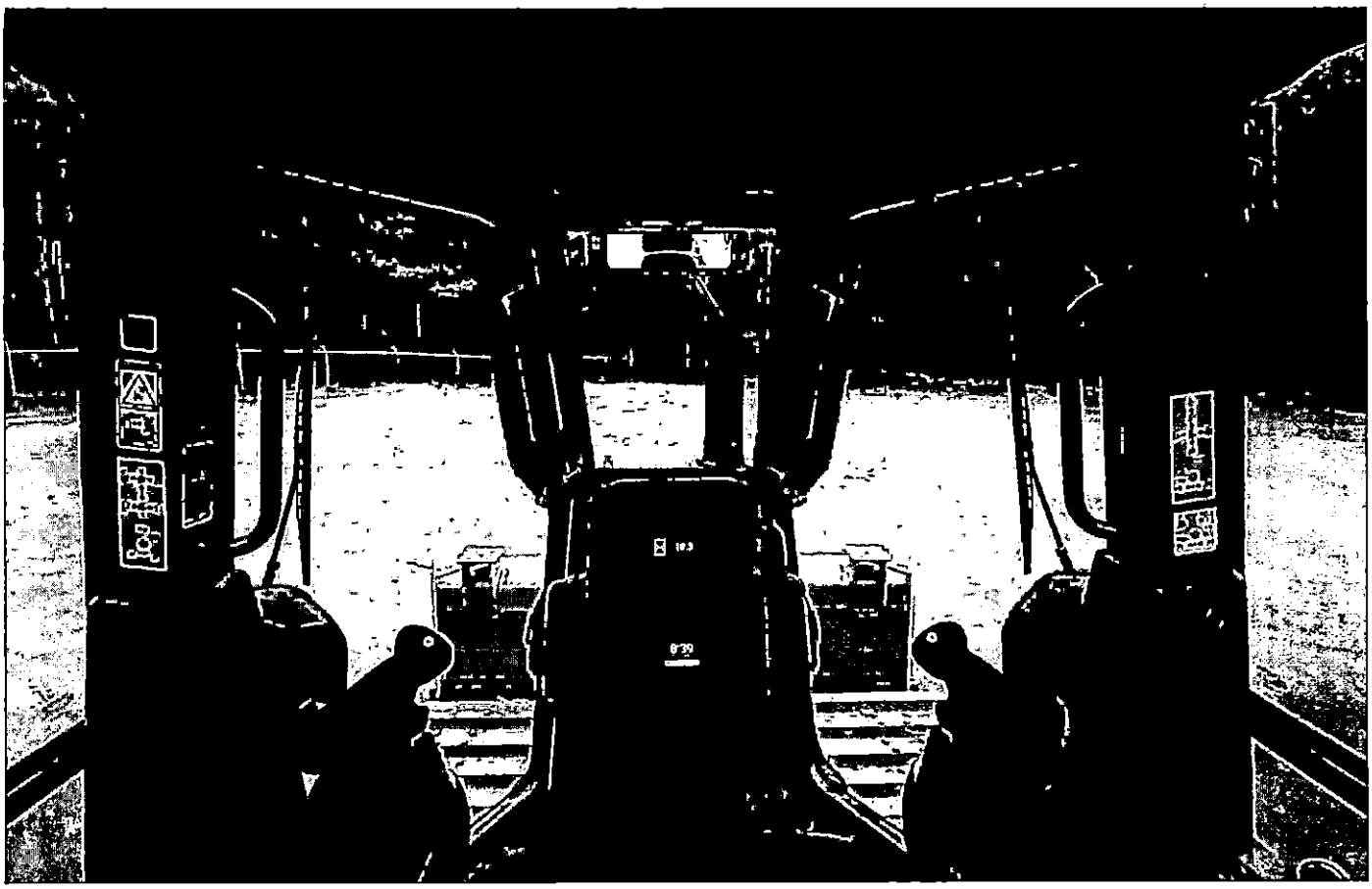
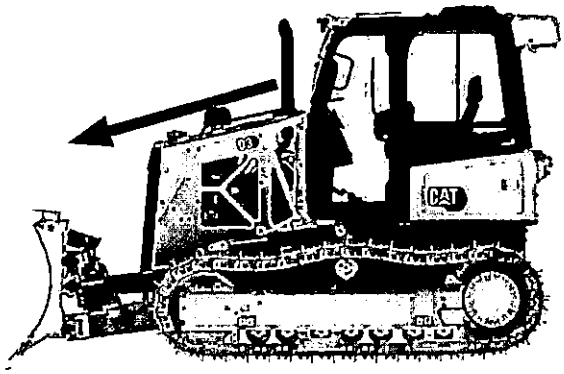
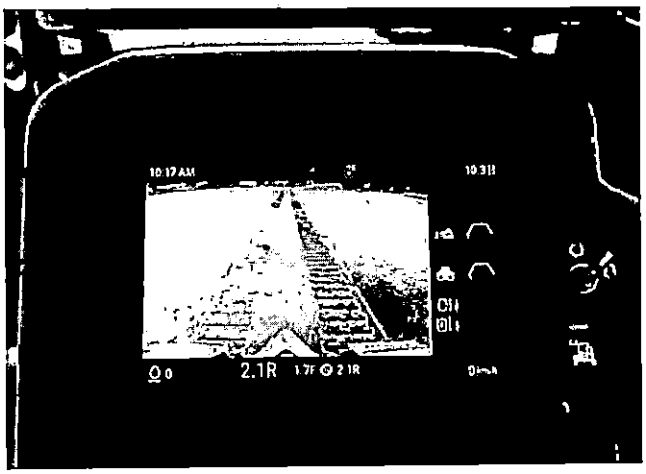


UNBEATABLE VIEW

The best seat in the house just got an upgrade by way of improved visibility. The new, redesigned, sloped hood line allows the operator a wider peripheral view for better job site awareness and ease of operation.





BIGGER, BETTER DISPLAY WITH CAMERA

This new and improved optional 10 inch (254 mm) touchscreen, color display is easy to use, with a great view of machine settings, rearview camera and Slope Indicate/Slope Assist screens. The large reversing camera gives the operator better visibility to the job site as well as less fatigue at the end of the day.

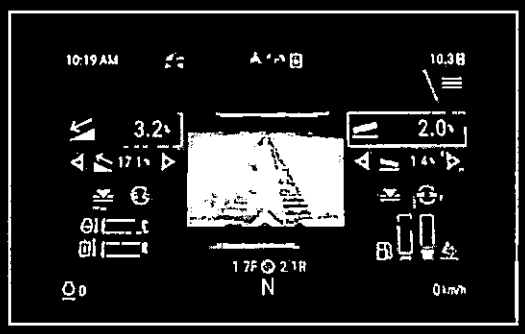
Additionally, the Key Features button gives the operator an overview of machine features, along with some helpful operating tips.

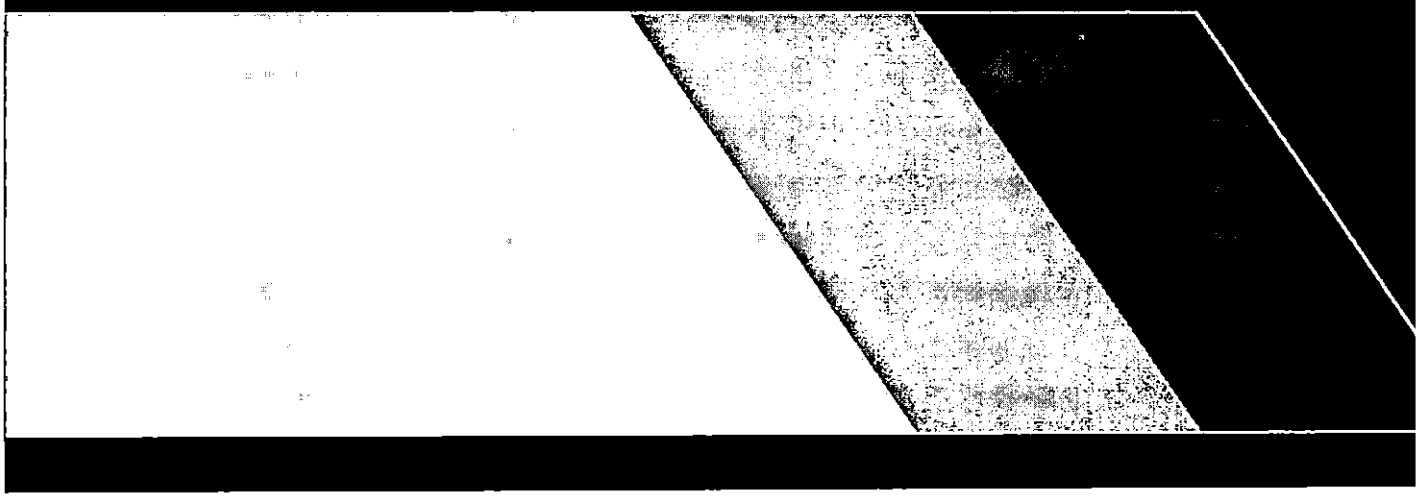
Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

CAT® GRADE

2D

- Cat Grade with Slope Assist
- Cat Grade with Laser





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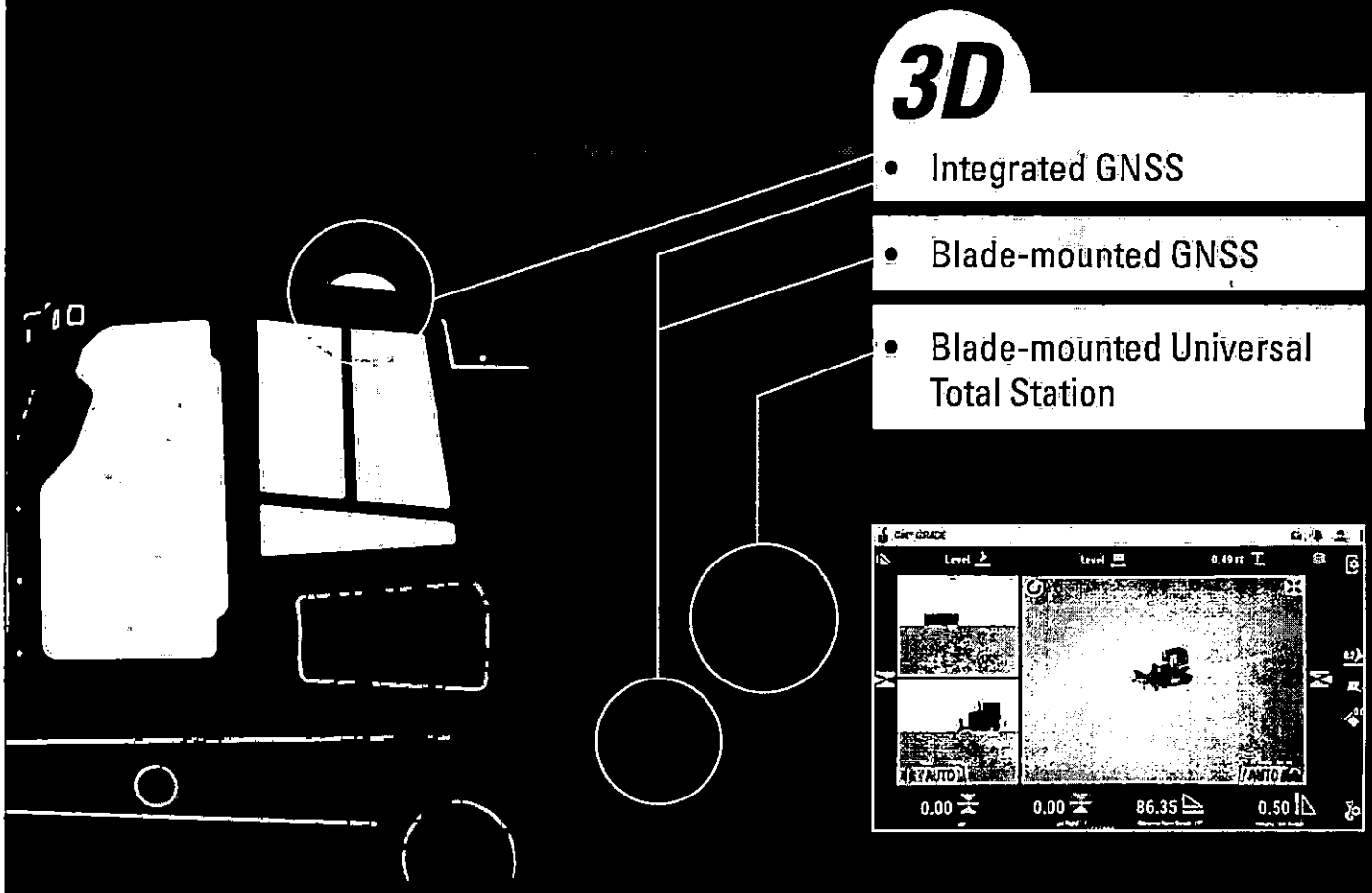
SCALABLE SOLUTIONS



VALUE TO YOU

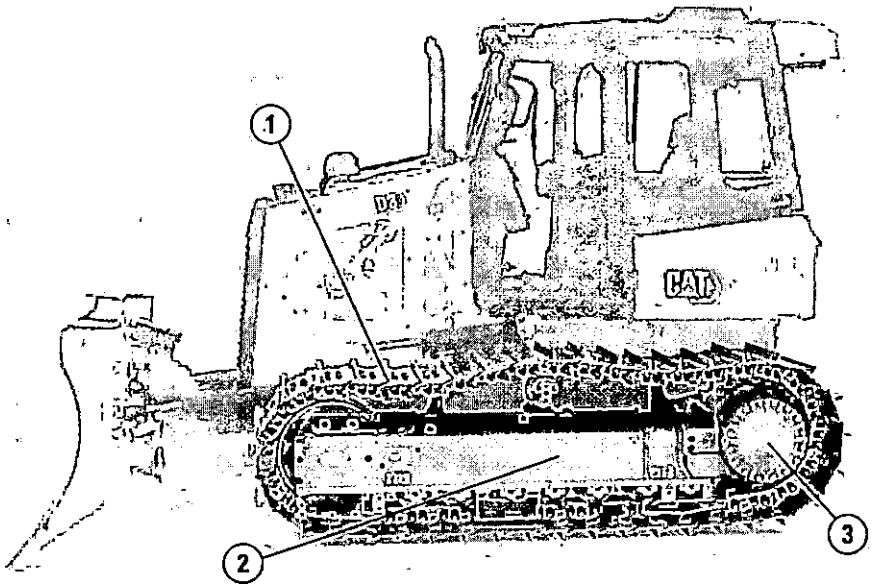
- Optional integrated, 10-inch (254 mm) color touch screen display
- Stable Blade and Slope Indicate are standard
- Capability to scale up technology, and the flexibility to adapt different technology based on job site demands
- Partnership and support from your Cat or SITECH® dealer

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

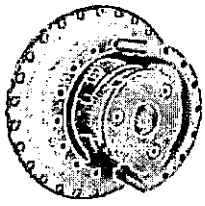
DURABILITY

UNMATCHED POWER WITHOUT COMPRISING MACHINE LONGEVITY

The Small Dozer final drive provides a large, double reduction planetary gear set that allows the machine to push heavy loads. The undercarriage has a longer life, less down time and is standard on all Cat Dozers. A one piece mainframe/track roller frame design gives the machine the strength to carry pushing loads.

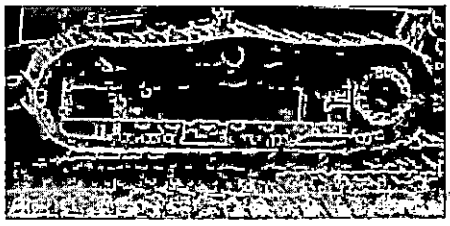


1. Two Track offerings: Sealed and Lubricated Track (SALT)/Abrasion
2. Track Roller Frame
3. Final Drive



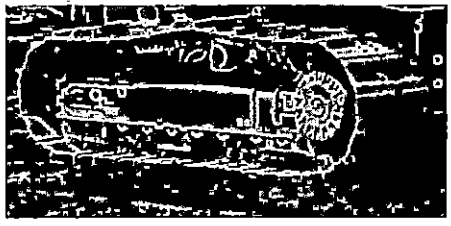
FINAL DRIVE

+ Large planetary gear set
+ Heavy pushing load spread over multiple gears
+ Longer life and less down time
+ Standard on all Cat dozers



SALT

+ Cost effective
+ Eliminates internal pin and bushing wear
+ Long life
+ Universal applications



ABRASION

+ Longer undercarriage wear life
+ No link assembly maintenance
+ No downtime for bushing turns
+ Less cost per hour by using full link life without a bushing turn
+ For high-abrasion applications

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

PUSH MORE. GRADE MORE.
POWER YOU CONTROL.

AUTOMATIC TRACTION CONTROL

Reduces track slippage with no operator interaction resulting in less ground disturbance and less passes.

POWER TURN

Power to each track allows the dozer to carry heavy loads around turns.

COUNTER-ROTATION

Quick and easy spot turns, along with the ability to control dozer direction during heavy side loads.

SMOOTH CONTROLS

Controls with low operator effort provides predictable maneuverability.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

VERSATILITY

SOLUTIONS TO SUIT YOUR UNIQUE APPLICATIONS AND WORK

We offer a full line-up of specialty dozer attachments and purpose built machine configurations for unique applications.

Configure your machine to the application.

FORESTRY

+ Sweeps
+ Screens
+ Hinged radiator grill
+ External Precleaner

PLUS

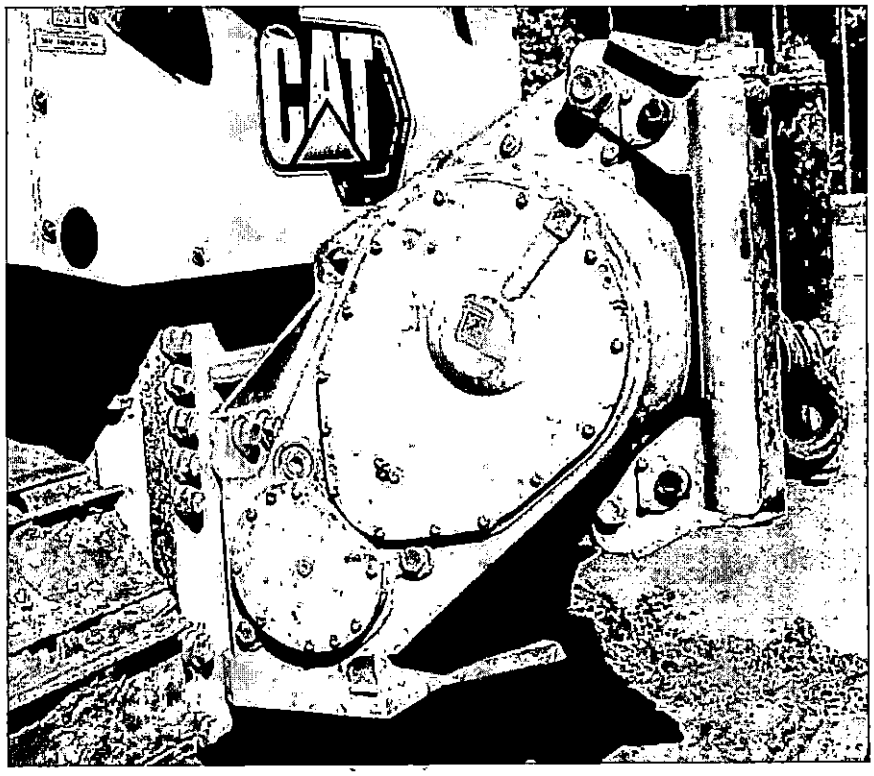
+ Fire plow – fire suppression
+ Ship hold – bulk material handling operations

WINCH

+ Retrieval – great performance, easy to install
+ High performance – maximum line speed and pull

RIPPER

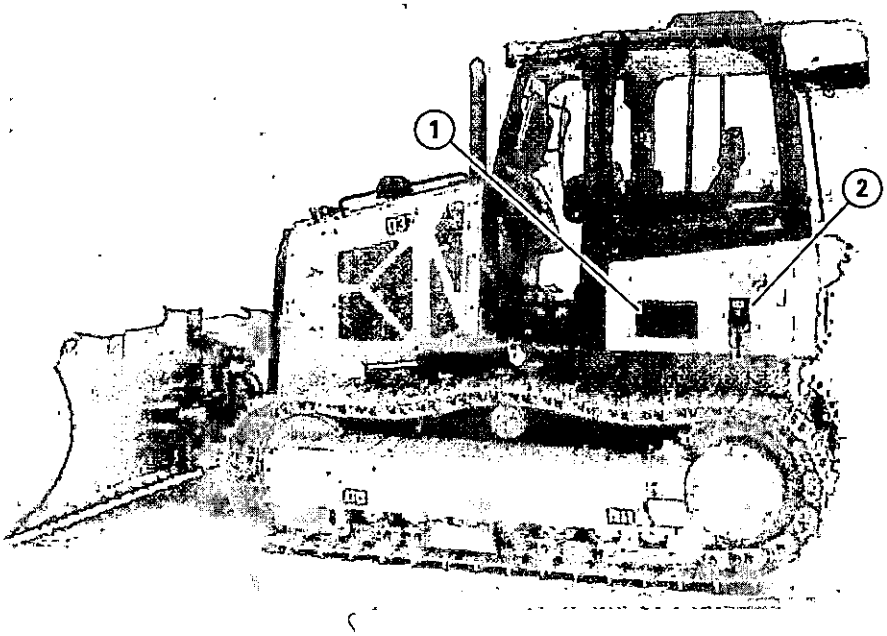
+ Parallelogram linkage
+ 3 shank



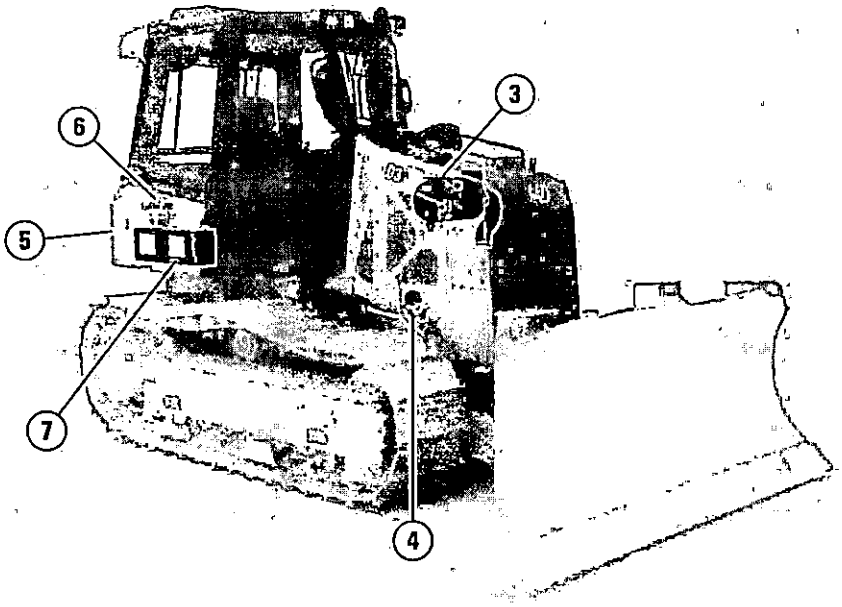
Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

MAINTENANCE

MAKING UPKEEP MANAGEABLE



The Next Generation Small Dozers are easier than ever to service with ground level access to daily maintenance areas. Additionally, there are new options available to further simplify service with the turbine-type precleaner, reversing fan, and hinged radiator grill.



1. Cab air filter
2. Fuel filter
3. Engine air filter
4. Engine oil filter
5. Master disconnect switch
6. Hydraulic oil filter
7. Batteries

CAT DEALER SUPPORT

The Cat Dealer support network is truly the best in the business. They are there to support customers with the parts and service that optimize machine performance and life.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

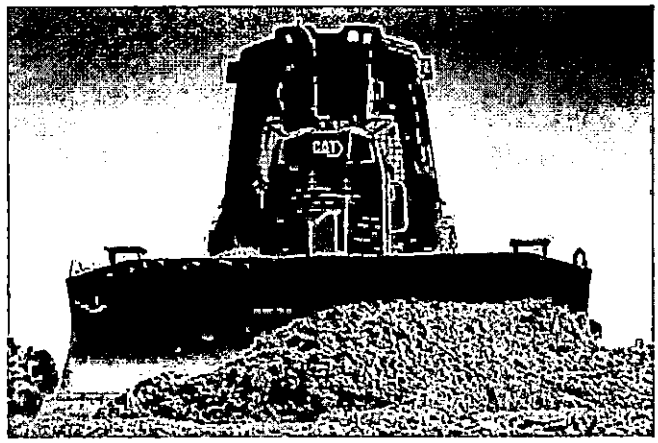
CAT LINK TECHNOLOGY

TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

CAT LINK telematics technology helps take the complexity out of managing your job sites – by gathering data generated by your equipment, materials, and people – and serving it up to you in customizable formats.

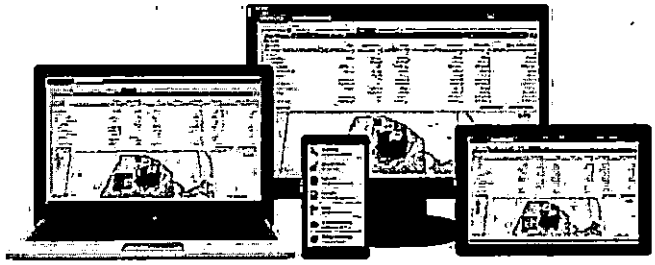
CAT PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.



VISIONLINK®

Access information anytime, anywhere with VisionLink® – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site. With different subscription level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business, without paying for extras you don't want. Subscriptions are available with cellular or satellite reporting or both.



REMOTE SERVICES

The Cat App helps you manage your assets – at any time – right from your smart device. See fleet location and hours, get critical required maintenance alerts, and even request service from your local Cat dealer.

+ **Remote Flash** – get software updates to one or more machines remotely. You just need a designated person close to the machine to initiate/confirm the update.
+ **Remote Grade** lets you wirelessly manage site plans via Trimble Connect Services.
+ **Operator ID** lets you track machine operation by individual operator using the main display and Product Link.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

TECHNICAL SPECIFICATIONS

See *cat.com* for complete specifications.

ENGINE		
Engine Model	Cat C3.6	
Emissions	U.S. EPA Tier 4 Final, Japan 2014 (Tier 4 Final), Korea Tier 4 Final, EU Stage V	
Build Number	12A	
Power Train	Hydrostatic	
Net Power* – 2,200 rpm		
SAE J1349	77.6 kW	104 hp
ISO 9249, 80/1269/EEC	77.6 kW	104 hp
Displacement	3.6 L	220 in³

*Net power is tested per ISO 9249:2007 and SAE J1349:2011 and as advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.

All non-road Tier 4 Final, Stage V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.

Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 kg of refrigerant which has a CO_2 equivalent of 2.574 metric tonnes.

SERVICE REFILL CAPACITIES		
Fuel Tank	195 L	51.5 gal
Crankcase and Filter	10.5 L	2.8 gal
Final Drives (each side)	10 L	2.6 gal
Final Drives, LGP (each side)	10 L	2.6 gal
Cooling System	19 L	5.0 gal
Transmission/Hydraulic Tank	90 L	23.8 gal
Diesel Exhaust Fluid (DEF) Tank	19 L	4.9 gal

	OPERATING WEIGHT	GROUND PRESSURE
Standard	9362 kg | 20,640 lb	38.9 kPa | 5.7 psi
LGP	9693 kg | 21,369 lb	31.2 kPa | 4.5 psi
LGP (762 mm/30 in)	9893 kg | 21,810 lb	27.2 kPa | 3.9 psi

For machine with ripper, add 554 kg/1,222 lb.

Specifications shown are for machine equipped with dozer blade, EROPS cab, back up alarm, operator, coolant, lubricants and full fuel tank.

BLADES	CAPACITY	WIDTH
Standard	2.19 m³ | 2.86 yd³	2782 mm | 109.5 in
Intermediate	2.09 m³ | 2.73 yd³	2921 mm | 115 in
LGP	2.34 m³ | 3.06 yd³	3220 mm | 126.7 in

DIMENSIONS*	STANDARD	LGP	LGP (762 MM/30 IN)
Track Gauge	1600 mm (63.0 in)	1750 mm (67.9 in)	1860 mm (73 in)
Width of Tractor (standard shoe)	2110 mm (83 in)	2360 mm (92.9 in)	2630 mm (103.5 in)
Tractor Height	2769 mm (109 in)	2769 mm (109 in)	2769 mm (109 in)
Overall Length (with blade)	4337 mm (170.7 in)	4309 mm (169.6 in)	4309 mm (169.6 in)
Length of Basic Tractor (without blade)	3270 mm (128.7 in)	3270 mm (128.7 in)	3270 mm (128.7 in)
Ground Clearance	332 mm (13 in)	332 mm (13 in)	332 mm (13 in)
With the Following Attachments, Add to Basic Tractor Length:			
Ripper	1177 mm (46.3 in)	1177 mm (46.3 in)	1177 mm (46.3 in)

*Abrasion Undercarriage

Configurations and features may vary by region. Please consult your Cat dealer for availability in your area.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN	STANDARD	OPTIONAL
Air cleaner with precleaner, automatic dust ejection and underhood intake	•	
Air cleaner with external precleaner		•
Aluminum bar plate cooling system (radiator, power train)	•	
Automatic traction control	•	
Cat C3.6 diesel engine	•	
Drive, auxiliary	•	
Dual path, closed loop, hydrostatic transmission	•	
Electric fuel pump	•	
Fuel/water separator	•	
Installation, winch		•
Turbocharged aftercooled	•	

ELECTRICAL	STANDARD	OPTIONAL
Alarm, backup	•	
Alternator, 150 amp, heavy duty	•	
Batteries, heavy duty, maintenance free, 1,000 CCA	•	
Diagnostic connector	•	
Four integrated front halogen lights, two rear halogen	•	
Four integrated front LED lights, two rear LED		•
Horn, electric	•	
Starter, electric, 12 V, heavy duty	•	

UNDERCARRIAGE	STANDARD	OPTIONAL
SALT undercarriage (40 section)	•	
Abrasion undercarriage (36 section)		•
Track Pairs		
Track, 510 mm (20 in)		•
Track, 660 mm (26 in)		•
Track, 762 mm (30 in)		•
Carrier rollers	•	
Guards, front/rear guiding	•	
Seven roller track frame	•	
Track adjusters, hydraulic	•	
Track rollers, lifetime lubricated	•	

HYDRAULIC	STANDARD	OPTIONAL
Hydraulic pump and oil	•	
Four valve for use with ripper		•
Four valve for use with winch		•
Single lever, three function control	•	
Three valve hydraulics	•	

CAT TECHNOLOGY	STANDARD	OPTIONAL
Cat GRADE with Slope Assist		•
Cat GRADE with 3D		•
Cat Product Link PLE643/PLE743 Cellular	•	
Cat Product Link PLE683/PLE783 Cellular/Satellite		•
Full-color 10 in (254 mm) touchscreen grade display		•
Power Pitch		•
Slope Indicate	•	
Stable blade	•	

ATTACHMENTS	STANDARD	OPTIONAL
Rigid drawbar	•	
Drawbar, towing		•
Front pull device	•	
Machine security system		•
Mounting, winch		•
Ripper, parallelogram, includes three shanks and teeth		•
Winch, hydraulic, high performance		•
Winch, hydraulic, retrieval		•

OTHER	STANDARD	OPTIONAL
Heater, engine, coolant 120 V/240 V		•
Starting aid, ether		•

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

For additional information, refer to the Technical Specifications brochure available at *www.cat.com* or your Cat dealer.

Attachment: Puckett Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details.

OPERATOR ENVIRONMENT	STANDARD	OPTIONAL
Armrests, adjustable	•	
Cab, with air conditioning		•
Cab, polycarbonate windows and air conditioning		•
Coat hook	•	
Controls, seat mounted, fore/aft adjustment	•	
Cup holders	•	
Eco Mode	•	
Electronic Monitoring system with gauge: – Chassis slope indication – Diesel exhaust fluid (DEF) – Engine coolant temperature – Fuel level – Hydraulic oil temperature	•	
Electronic security system	•	
Engine air cleaner service indicator	•	
Engine RPM and gear display	•	
Floor mat, rubber, heavy duty	•	
Foot pads, dash	•	
Hour meter, electronic	•	
Independent forward/reverse speed settings	•	
Mirror, rearview, inside	•	
Power port, 12 volt	•	
Radio, AM/FM Bluetooth®		•
ROPS/FOPS canopy	•	
Seat, air suspended, cloth or vinyl	•	
Seat, air suspension, choice of: – Vinyl, heated seat with heated controls – Cloth, heated seat with heated controls – Cloth, heated and ventilated seat with heated controls		•
Seatbelt, hi-vis retractable 76 mm (3")	•	
Seatbelt buckling indicator/reminder	•	
Single pedal combining decel and brake functions	•	
Sound suppression		•
Speed recall	•	
Storage compartment	•	
Throttle switch, rotary	•	
Travel speed limiter, electronic	•	

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

For additional information, refer to the Technical Specifications brochure available at *www.cat.com* or your Cat dealer.

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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www.cat.com www.caterpillar.com

AEHQ8309
Build Number: 12A
(N Am, EU, Aus-NZ, Japan)

Proposal for Dozer

Hancock County Administrator
854 Hwy 90
Bay St. Louis, MS 39520

Justin Strayham
Stribling Eqpt.

Recd — 12/19/22
9:07am

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

JOHN DEERE

STRIBLING EQUIPMENT

Quote Summary

Prepared For:
HANCOCK COUNTY
18333 HIGHWAY 603
KILN, MS 39556

Prepared By:
JUSTIN STRAYHAM
Stribling Equipment, LLC
8480 West Oaklawn Road
Biloxi, MS 39532
Phone: 228-365-0000
justin.strayham@striblingequipment.com

Quote Id: 27843668
Created On: 28 November 2022
Last Modified On: 18 December 2022
Expiration Date: 30 December 2022

Equipment Summary	Selling Price		Qty		Extended
2023 JOHN DEERE 650K CRAWLER DOZER - 1T0650KKJPF435151	$ 189,900.27	X	1	=	$ 189,900.27
500-2500 HR Filters	$ 0.00	X	1	=	$ 0.00
John Deere Extended Warranty-60 Month 3000 Hour Full Machine Warranty Full Machine, 3000Total Hours or 60Total Months, $ 0.00 Deductible	$ 0.00	X	1	=	$ 0.00
Equipment Total					**$ 189,900.27**

Quote Summary	
Equipment Total	$ 189,900.27
DOCUMENTATION FEE	$ 0.00
SubTotal	$ 189,900.27
Total	$ 189,900.27
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	**$ 189,900.27**

Salesperson : X _____ **Accepted By : X** _____

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

JOHN DEERE

STRIBLING EQUIPMENT

Selling Equipment

Quote Id: 27843668 **Customer:** HANCOCK COUNTY

2023 JOHN DEERE 650K CRAWLER DOZER - 1T0650KKJPF435151

Hours: 0
Stock Number: 169218

Code	Description	Qty
02J0T	2023 JOHN DEERE 650K LGP CA EH	1
	Standard Options - Per Unit	
	22,469 lb. (Empty; No Operator)	1
	Reverse Camera	1
	Service Agreements	
	500-2500 HR Filters	
	John Deere Extended Warranty - 60 Month 3000 Hour Full Machine Warranty	

Original Factory Build Codes

Code	Description
0940	104 hp ENGINE FT4
1075	650K LOW GROUND PRESSURE
170K	JDLINK
2575	NO TOPCON OR SMARTGRADE
2605	ENGLISH OPERATOR MANUAL
2775	NO TOPCON RADIO INSTALLATION
3520	HYD. FAN DRIVE W/REV MOTOR
4790	AT334619 28" Track Pads
4825	REAR CHAIN GUIDES
5085	CAB W/ HEATER & AIR COND.
5890	DELUXE AIR SUSP HEATED SEAT
7085	128" 3cu yd. Blade
7750	IGC CONTROL W/THREE FUNCTION
7975	HYD PUMP F USE W/ WINCH
8010	GREASE,OIL,FUEL&COOLANT
9065	STR. CHROME EXHAUST
9168	LIGHT PACKAGE
9325	EXTREME DUTY GRILLE
9350	RETRIEVAL HITCH
9400	TRACK ADJUSTER RELIEF VALVE
9501	XM SATELITE RADIO

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

JOHN DEERE Extended Warranty

Extended Warranty Proposal

2023 JOHN DEERE 650K CRAWLER DOZER

Date : December 18, 2022

Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Application	governmental	Deductible	$ 0.00
Equipment Type	650K CRAWLER DOZER	Coverage	Full Machine	List	$ 0.00
Model	650K CRAWLER DOZER	Total Months	60		
Country		Total Hours	3000		

Extended Warranty is available only through authorized John Deere Dealers for John Deere Products,and may be purchased at any time before the product's Standard Warranty,or Extended Warranty expires.

Extended Warranty Proposal Prepared for:

Customer Name - Please Print

Customer Signature

I have been offered this extended warranty and

☑ I ACCEPT the Extended Warranty

☐ I DECLINE the Extended Warranty

If declined, I fully understand that any equipment listed above is not covered for customer expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific Extended Warranty coverage terms and conditions, please refer to the actual Extended Warranty contract for more information and the terms, conditions and limitations of the agreement.

What Extended Warranty is :

The Extended Warranty Program is for the reimbursement on parts and labor for covered components that fail due to faulty material or original workmanship that occur beyond the John Deere Basic Warranty coverage period. The agreement is between Deere & Company and the owners of select John Deere Construction and Forestry equipment, who purchase the Extended Warranty Plans for the desired coverage as indicated in this proposal.

What Extended Warranty is not :

Extended Warranty is not insurance. It also does not cover routine maintainance or high wear items,or insurance-related risks/perils such as collision, overturn, vandalism, wind, fire, hail, etc. It does not cover loss of income during or after an equipment failure. See the actual product-specific Extended Warranty agreement for a complete listing of covered components, and limitations and conditions under the program.

Features/Benefits:

- Extended Warranty includes the following features and benefits under the program :
- Pays for parts and labor costs incurred on failed covered components (less any applicable deductibles),
- Does not require pre-approval before repairs are made by the authorized John Deere dealership,
- Payments are reimbursed directly to the dealership with no prepayment required by the contract holder.

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

EXTEND BUSHING LIFE WITH MAXIMUM LIFE UNDERCARRIAGE
(OPTIONAL)

BUILT TO TAKE IT ON

RUGGED AND RELIABLE.

Tough conditions call for strong solutions. Our K-Series Dozers are built to tackle some of the most difficult applications you can put in front of them. When you know how they're built, you'll see what they can do for your operation.

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

MORE UPTIME, LESS UPKEEP

WE'RE OPEN-MINDED ABOUT EASY MAINTENANCE.

Fluid assets

Available quick fluid-evacuation system helps speed servicing. 500-hour engine oil and 2,000-hour transmission and hydraulic fluid intervals decrease maintenance downtime and expense.

Idle awhile

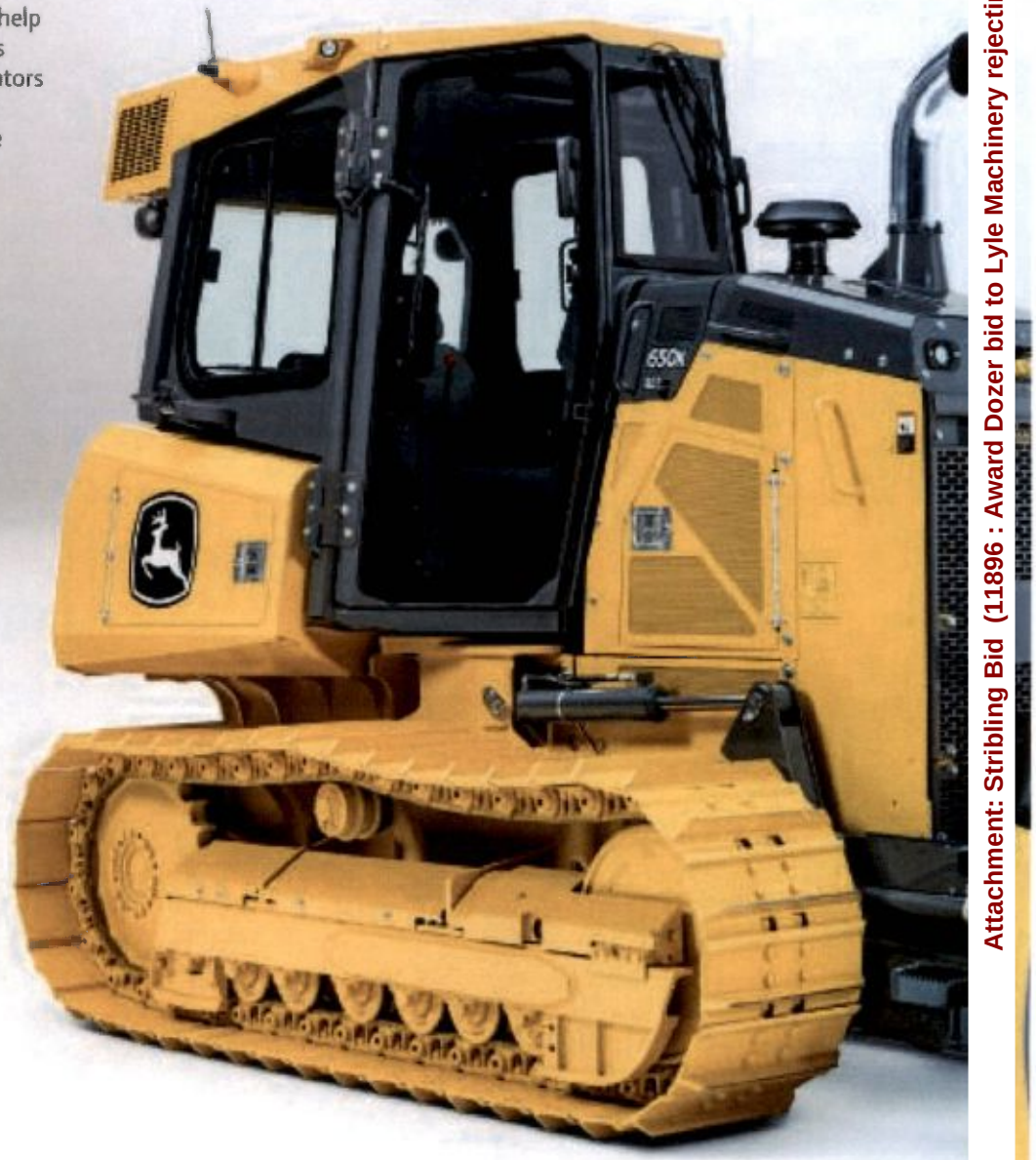
Auto-idle decreases engine speed when the dozer is not moving, to help maintain quiet working conditions and conserve precious fuel. Operators can program auto-idle to activate in increments from as soon as five seconds up to 15 minutes.

Simplify service

Serviceability improvements on the 550K and 650K over previous models include new composite fuel tank, redesigned diagnostic lines with pressure sensors, and John Deere transmission control unit software.

Get the message

Exhaust filter operation and status are indicated with on-screen displays and icons. Diagnostic monitor also provides easy-to-understand messages that help speed troubleshooting.



Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

ON THE JOB AND IN THE ZONE

GET DOWN TO BUSINESS.

You can almost feel fatigue fade inside the roomy, well-appointed cab of a 450K, 550K, or 650K. With their range of customer-inspired amenities, these dozers go quietly about the business of helping operators be comfortably productive.

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

ECO MODE OPTIMIZES FUEL ECONOMY

BY UP TO 20% *(DEPENDING ON APPLICATION)*

Let's be direct

Direct-drive fan on the 450K and 550K spins up to full speed whenever the engine moves to wide-open throttle. Variable-speed fan on the 650K includes an optional reversing feature that runs only as needed to provide efficient cooling, contain noise, and conserve fuel.

Power down

Exclusive turbo cool-down increases durability by allowing the engine to idle momentarily prior to shutting down. Auto shutdown turns the engine off after an operator-determined period of machine inactivity, saving warranty hours and fuel.

Economy is key

Eco mode automatically adjusts engine rpm and hydrostatic (HST) transmission settings based on load while maintaining ground speed, to help optimize fuel economy as much as 20 percent compared to conventional torque-converter transmissions.

Keep your cool

Transmission temperature is constantly monitored to protect the HST system. If temps get too hot or too cold, a warning light illuminates, and transmission and engine speed are automatically derated to prevent system damage.

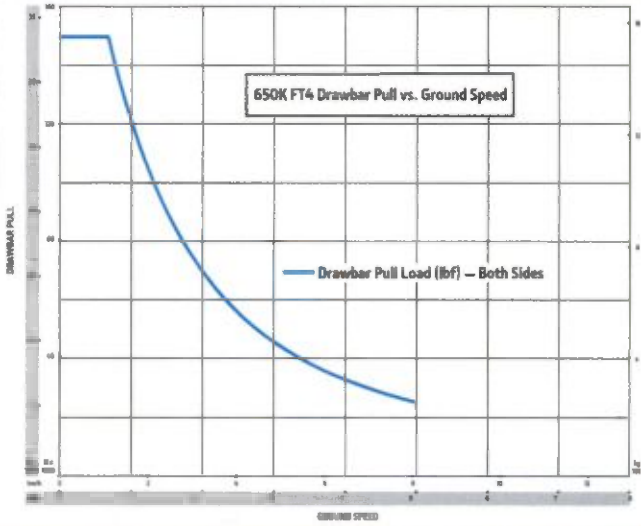
Maximum benefit

Heavy-duty sealed and lubricated undercarriage is built to keep these machines in the field. Available Maximum Life Undercarriage delivers up to twice the bushing life, for extra durability in extremely abrasive conditions. To further reduce maintenance and operating costs, contact your John Deere dealer about our undercarriage wear-assurance programs.

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

650K SPECIFICATIONS

Engine	**650K XLT / 650K LGP**
Blade Type	***Power-Angle-Tilt (PAT)***
Manufacturer and Model	John Deere PowerTech™ PWS 4045
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV
Displacement	4.5L (276 cu. in.)
SAE Net Rated Power	78 kW (104 hp) at 2,200 rpm
Net Peak Torque	475 Nm (350 ft.-lb.) at 1,400 rpm
Aspiration	Turbocharged with charge-air cooler
Air Cleaner	Dual-stage dry tube with tangential unloader
Cooling	
Type	Variable-speed suction fan with optional reversing feature
Engine Coolant Rating	–37 deg. C. (–34 deg. F)
Engine Radiator	10 fins per in.
Powertrain	
Transmission	Automatic, dual-path, hydrostatic (HST) drive; load-sensing feature automatically adjusts speed and power to match changing load conditions; each individually controlled track is powered by a variable-displacement piston pump and variable-displacement motor combination; ground-speed selection buttons on single-lever steering and direction control; independently selectable reverse speed ratios of 100%, 115%, or 130% of forward ground speed; decelerator pedal controls ground speed to stop
System Relief Pressure	42 692 kPa (6,192 psi)
Travel Speeds	
Forward and Reverse	8.0 km/h (5.0 mph)
Maximum (optional)	9.7 km/h (6.0 mph)
Steering	Single-lever steering, direction control, and counter-rotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; HST steering eliminates steering clutches and brakes
Final Drives	Triple-reduction final drives mounted independently of track frames and dozer push frames for isolation from shock loads
Total Ratio	52.13 to 1
Drawbar Pull	
Maximum	148 kN (33,600 lb.)
At 1.9 km/h (1.2 mph)	108 kN (24,200 lb.)
At 3.2 km/h (2.0 mph)	69 kN (15,600 lb.)
Brakes	
Service	HST (dynamic) braking stops the machine when the direction/steering control lever is moved to neutral or the decelerator is depressed to the detent
Parking	Exclusive spring-applied, hydraulically released park-brake feature engages wet, multiple-disc brakes automatically whenever the engine stops, the operator depresses the decelerator pedal to the brake position, the unit is in neutral for 3 seconds (with detected motion), or the park-lock lever is in the park position; machine cannot be driven with brake applied, minimizing wearout or need for adjustment



Hydraulics	
Type	Open-center hydraulic system with fixed-displacement gear pump
Pump Displacement	36.4 cc
System Relief Pressure	20 684 kPa (3,000 psi)
Maximum Flow at Unloaded High Idle	80 L/m (21 gpm)
Control	3-function direct-acting T-bar joystick with push-button angle function

Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

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.

650K SPECIFICATIONS

Electrical	650K XLT / 650K LGP	
Blade Type	*PAT*	
Voltage	24 volts	
Capacity		
Battery	950 CCA	
Reserve	190 min.	
Alternator Rating		
Cab	100 amp	
Canopy	100 amp	
Lights	Grille mounted (2), rear mounted (2), and rear reflectors (2)	
Undercarriage	**650K XLT**	**650K LGP**
Tracks	John Deere DuraTrax™ features large deep-heat-treated components; pins and bushings are sealed for life; rollers and idlers are permanently sealed and lubricated; full-length track-frame covers reduce material buildup and ease cleaning	
Track Gauge	1550 mm (61 in.)	1750 mm (69 in.)
Grouser Width	457 mm (18 in.)	710 mm (28 in.)
Chain	Sealed and lubricated	Sealed and lubricated
Shoes, Each Side	40	40
Track Rollers, Each Side	7	7
Track Length on Ground	2349 mm (92 in.)	2349 mm (92 in.)
Ground Contact Area	21 479 cm² (3,329 sq. in.)	33 412 cm² (5,179 sq. in.)
Ground Pressure	44.1 kPa (6.4 psi)	29.6 kPa (4.3 psi)
Track Pitch	171 mm (6.7 in.)	171 mm (6.7 in.)
Operator Station	**650K XLT / 650K LGP**	
ROPS (ISO 3471 – 2008) and FOPS (ISO 3449 – 2005)		
Serviceability		
Refill Capacities		
Fuel Tank With Lockable Cap	202 L (53.45 gal.)	
Diesel Exhaust Fluid (DEF) Tank	11.8 L (3.1 gal.)	
Cooling System With Recovery Tank	21.1 L (5.6 gal.)	
Engine Oil With Filter	19 L (20 qt.)	
Hydraulic/HST Oil (common reservoir) With Filters	100 L (26.42 gal.)	
Final Drive (per tractor)	17 L (4.6 gal.)	
Operating Weights	**650K XLT**	**650K LGP**
Base Weight (with standard equipment, rollover protective structure [ROPS], full fuel tank, and 79-kg [175 lb.] operator	9691 kg (21,320 lb.)	10 156 kg (22,343 lb.)
Optional Components		
Cab With Pressurizer and Heater Air Conditioner	306 kg (675 lb.)	306 kg (675 lb.)
ROPS Canopy, Heater	39 kg (85 lb.)	39 kg (85 lb.)
ROPS Canopy and Cab		
Front and Door Screens	81 kg (179 lb.)	81 kg (179 lb.)
Rear Screen	34 kg (76 lb.)	34 kg (76 lb.)
Side Screens	43 kg (94 lb.)	43 kg (94 lb.)
Limb Risers (ROPS canopy and cab)	104 kg (229 lb.)	104 kg (229 lb.)
Counterweight		
Front	109 kg (240 lb.)	109 kg (240 lb.)
Rear	150 kg (330 lb.)	150 kg (330 lb.)
Retrieval Hitch	23 kg (50 lb.)	23 kg (50 lb.)
Drawbar, Extended Rigid	33 kg (72 lb.)	33 kg (72 lb.)
Winch	652 kg (1,437 lb.)	652 kg (1,437 lb.)
Fairlead, 4 Roller	85 kg (187 lb.)	85 kg (187 lb.)
Center Chain Guides	41 kg (90 lb.)	41 kg (90 lb.)
Full-Length Rock Guards	98 kg (216 lb.)	98 kg (216 lb.)
Maximum Life Undercarriage	182 kg (400 lb.)	182 kg (400 lb.)
Track Shoes		
457 mm (18 in.)	In base	—
510 mm (20 in.)	83 kg (183 lb.)	–344 kg (–760 lb.)
610 mm (24 in.)	—	–172 kg (–380 lb.)
710 mm (28 in.)	—	In base

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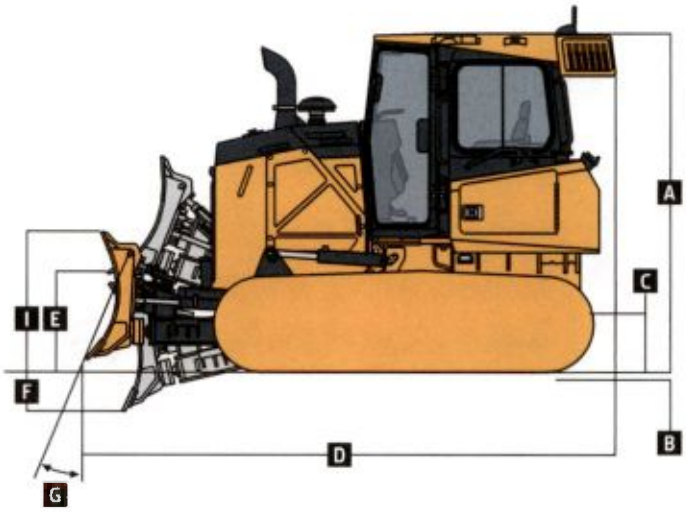
Attachment: Stribling Bid (11896 : Award Dozer bid to Lyle Machinery rejecting trade allowance)

650K

Machine Dimensions	650K XLT / 650K LGP
Blade Type	*Power-Angle-Tilt (PAT)*
A Overall Height to Roof	2762 mm (9 ft. 1.25 in.)
B Tread Depth With Single-Bar Grouser	49 mm (1.9 in.)
C Ground Clearance in Dirt	341 mm (13.5 in.)
D Overall Length	4255 mm (168 in.) (14 ft. 0 in.)
E Blade Lift Height	818 mm (32.2 in.)
F Blade Digging Depth	500 mm (19.7 in.)
G Blade Cutting-Edge Angle, Adjustable	52 to 60 deg.



650K XLT / 650K LGP WITH POWER-ANGLE-TILT (PAT) BLADE

Machine Dimensions *(continued)*	650K XLT	650K LGP
Straight		
H Blade Width	2667 mm (105 in.) (8 ft. 9 in.)	2921 mm (115 in.) (9 ft. 7 in.)
I Blade Height	1067 mm (3 ft. 6 in.)	955 mm (3 ft. 2 in.)
SAE Capacity	2.2 m³ (2.9 cu. yd.)	2.0 m³ (2.6 cu. yd.)
Weight	603 kg (1,330 lb.)	628 kg (1,385 lb.)
C-Frame Assembly Weight (without blade)	399 kg (879 lb.)	399 kg (879 lb.)
J Blade Angle	22.2 deg.	22.2 deg.
K Overall Width With Blade Angled	2469 mm (8 ft. 1 in.)	2705 mm (8 ft. 11 in.)
L Blade Tilt (uses tilt jack)	363 mm (14.3 in.)	399 mm (15.7 in.)
M Cut Reach	117 mm (4.6 in.)	5 mm (0.2 in.)
N Width Over Track	2007 mm (6 ft. 7 in.)	2464 mm (8 ft. 1 in.)
O Cast Reach	345 mm (13.6 in.)	236 mm (9.3 in.)
Straight (option)		
H Blade Width	2921 mm (115 in.) (9 ft. 7 in.)	3150 mm (124 in.) (10 ft. 4 in.)
I Blade Height	955 mm (3 ft. 2 in.)	894 mm (35 in.)
SAE Capacity	2.0 m³ (2.6 cu. yd.)	1.9 m³ (2.5 cu. yd.)
Weight	628 kg (1,385 lb.)	631 kg (1,391 lb.)
C-Frame Assembly Weight (without blade)	399 kg (879 lb.)	399 kg (879 lb.)
J Blade Angle	22.2 deg.	22.2 deg.
K Overall Width With Blade Angled	2705 mm (8 ft. 11 in.)	2916 mm (9 ft. 7 in.)
L Blade Tilt (uses tilt jack)	399 mm (15.7 in.)	429 mm (16.9 in.)
M Cut Reach	234 mm (9.2 in.)	112 mm (4.4 in.)
N Width Over Track	2007 mm (6 ft. 7 in.)	2464 mm (8 ft. 1 in.)
O Cast Reach	465 mm (18.3 in.)	340 mm (13.4 in.)

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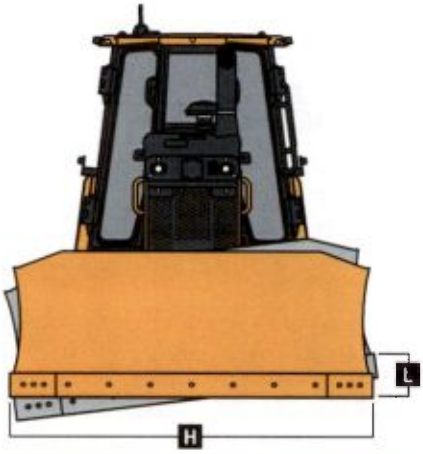
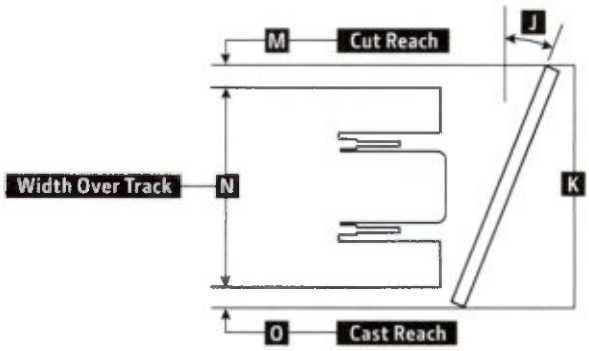
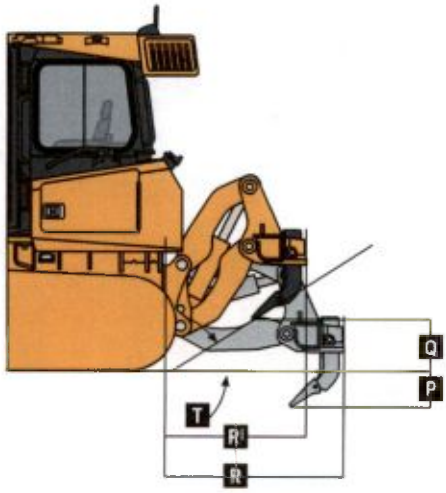
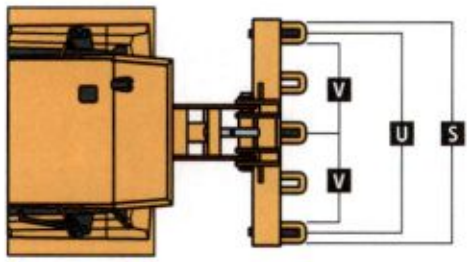
Machine Dimensions *(continued)*	650K XLT	650K LGP
Blade Type	*PAT*	*PAT*
Straight (option)		
H Blade Width	3150 mm (124 in.) (10 ft. 4 in.)	3251 mm (128 in.) (10 ft. 8 in.)
I Blade Height	894 mm (35 in.)	955 mm (3 ft. 2 in.)
SAE Capacity	1.9 m³ (2.5 cu. yd.)	2.2 m³ (2.9 cu. yd.)
Weight	631 kg (1,391 lb.)	694 kg (1,530 lb.)
C-Frame Assembly Weight (without blade)	399 kg (879 lb.)	399 kg (879 lb.)
J Blade Angle	22.2 deg.	22.2 deg.
K Overall Width With Blade Angled	2916 mm (9 ft. 7 in.)	3010 mm (9 ft. 11 in.)
L Blade Tilt (uses tilt jack)	429 mm (16.9 in.)	445 mm (17.5 in.)
M Cut Reach	340 mm (13.4 in.)	157 mm (6.2 in.)
N Width Over Track	2007 mm (6 ft. 7 in.)	2464 mm (8 ft. 1 in.)
O Cast Reach	569 mm (22.4 in.)	569 mm (22.4 in.)





Rear Ripper	650K XLT / 650K LGP
Multi-shank parallelogram ripper with 5 pockets and 3 shanks	
Weight	981 kg (2,163 lb.)
P Maximum Penetration	508 mm (20 in.)
Q Maximum Clearance Under Tip	508 mm (20 in.)
R Overall Length, Lowered Position	1450 mm (57 in.) (4 ft. 9 in.)
R¹ Overall Length, Raised Position	1015 mm (40 in.) (3 ft. 4 in.)
S Overall Beam Width	1830 mm (6 ft. 0 in.)
T Slope Angle (full raise)	40 deg.
U Ripping Width	1670 mm (5 ft. 6 in.)
V Distance Between Shanks	806 mm (32 in.)





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Additional equipment

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

450K	550K	650K	Engine
●	●	●	Meets EPA Final Tier 4/EU Stage IV emissions
●	●	●	John Deere PowerTech™ PWS 4045 4.5L engine
●	●	●	Turbocharged and air-to-air aftercooled
●	●	●	Electronic control with automatic engine protection
●	●	●	Eco mode
●	●	●	Dual safety element dry-type air cleaner, evacuator valve
●	●	●	Exhaust filter, under hood, with vertical stack
●	●	●	Engine glow-plug starting system
●	●	●	Automatic turbo cool-down timer
●	●	●	Programmable auto-idle and auto shutdown
●	●	●	Wet-sleeve cylinder liners
●	●	●	Remote-mounted fuel filters with automatic electronic priming
▲	▲	▲	Engine coolant heater, 110 volts
●	●	●	Exhaust stack, black
▲	▲	▲	Exhaust stack, chrome
▲	▲	▲	Rotary ejector engine air pre-cleaner
▲	▲	▲	Severe-duty fuel filter and water separator with heating element
●	●	●	100-amp alternator, cab and canopy
			Cooling
●	●		Direct-drive cooling fan, blower type
		●	Hydraulically driven cooling fan, variable-speed suction type
		▲	Automatic, programmable reversing-fan-drive fan
●	●	●	Engine cooling rated –37 deg. C (–34 deg. F)
●	●	●	Enclosed safety fan guard (conforms to SAE J1308 and ISO3457)
●	●	●	Perforated engine side shields
●	●	●	Heavy-duty perforated grille
●	●	●	Heavy-duty, trash-resistant radiator and high-ambient cooling package
▲	▲	▲	Extreme-duty perforated grille with light guard
			Powertrain
●	●	●	Dual-path hydrostatic (HST) transmission
●	●	●	Reverse-speed ratios (100%, 115%, and 130% presets)
●	●	●	Remote diagnostic test ports
●	●	●	Operator-selectable decelerator function (hydrostats and engine or hydrostats only)

450K	550K	650K	Powertrain *(continued)*
●	●	●	Wet, multi-disc parking brake
●	●	●	Full power turns with infinitely variable track speed
●	●	●	Single-lever steering with counter-rotate function
●	●	●	HST (dynamic) service brakes
●	●	●	Automatic cold-weather transmission warmup syster
●	●	●	Automatic transmission derating for exceeded systen temperatures
●	●	●	2,000-hour vertical spin-on transmission filter
			Hydraulic System
●	●	●	Open-center fixed-displacement hydraulic gear pum
●	●	●	3-spool manual control valve for Power-Angle-Tilt (PAT)
▲	▲	▲	3-spool electrohydraulic (EH) control valve for PAT
▲	▲	▲	4-spool manual-control valve for PAT
▲	▲	▲	4-spool EH control valve for PAT with single auxiliar
●	●	●	2,000-hour vertical spin-on hydraulic filter
▲	▲	▲	Drive-through hydraulic pump for use with winch
▲	▲	▲	Grade-control-ready electrohydraulics
▲	▲	▲	Slope Control system
		▲	SmartGrade™ 3D mastless grade control
			Overall Vehicle
●	●	●	Front tow loop, bolt-on
●	●	●	Reinforced engine and mid-frame bottom guards
●	●	●	Integral transmission guard
●	●	●	Vandal protection: Engine access door / Side tank access doors / Fuel tank / Instrument panel / Trans-mission reservoir / Hydraulic reservoir
▲	▲	▲	Fluid-sample valves
▲	▲	▲	Quick-service ports
▲	▲	▲	Forestry limb risers (sweeps)
▲	▲	▲	Trimble-ready interface package
▲	▲	▲	Topcon-ready interface package
▲	▲	▲	Leica-ready interface package
			Attachments
▲	▲	▲	Counterweight, front, 94 kg (207 lb.)
▲	▲	▲	Counterweight, rear, 150 kg (330 lb.)
▲	▲	▲	Retrieval hitch with pin
▲	▲	▲	Extended rigid drawbar with pin for pull-type implements
▲	▲	▲	Drawbar, extended for winch (with or without fairlead)

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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 ISO9249. 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 units with standard equipment, rollover protective structures (ROPS), full fuel tanks, and 79-kg (175 lb.) operators.

Additional equipment *(continued)*

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

450K	550K	650K	Attachments *(continued)*
▲	▲	▲	Rear ripper, parallelogram, 3 shank, 5 pocket
▲	▲	▲	Winch, John Deere 4000, power in/free spool out OR power out
▲	▲	▲	Winch, John Deere 4000, low speed, power in/free spool out OR power out
▲	▲	▲	4-roller fairlead for winch
▲	▲	▲	Root-rake blade attachment
			Undercarriage
●	●	●	Full-length, smooth-surface track frame covers
●	●	●	Chain guides, front and rear
●	●	●	Maximum Life undercarriage system with SC-2™ bushings
▲	▲	▲	Extended Life undercarriage with SC-2 bushings
▲	▲	▲	Heavy-duty sealed and lubricated undercarriage
▲	▲	▲	Full-length rock guards
●	●	●	Double-flange rollers
STD	**LGP**		**450K Shoes**
●			406-mm (16 in.) moderate service
	●		610-mm (24 in.) moderate service
STD	**LGP**		**550K Shoes**
●	▲		457-mm (18 in.) moderate service
	●		610-mm (24 in.) moderate service
XLT	**LGP**		**650K Shoes**
●	▲		457-mm (18 in.) moderate service
▲	▲		510-mm (20 in.) moderate service with clipped corners
	▲		610-mm (24 in.) moderate service
	●		710-mm (28 in.) moderate service with clipped corners
Canopy	**Cab**		**Operator's Station / Electrical**
●	●		Retractable seat belts, 76 mm (3 in.) (conform to SAE J386)
●	●		Accessories: Convex wide-angle interior rearview mirror / Thigh cushions (2) / Cup holders (2)
●	●		Power port (cab includes two power ports)
●	●		Lockable dash-mounted storage compartment
	●		Air conditioner and heater, 24,000 Btu
	●		Tinted glass
	●		Dome light

Canopy	Cab	Operator's Station / Electrical *(continued)*
	●	Wipers, intermittent with washers: front window and left and right doors
	▲	Rear wiper and washer
▲	▲	Full screens
▲	▲	Rear window screen
●		Standard seat, vinyl with heavy-duty air suspension
	●	Standard seat, fabric with heavy-duty air suspension
	▲	Deluxe seat, heated with heavy-duty air suspension and leather bolstered
▲	●	Under-seat heater
	●	AM/FM/Weather Band (WB) radio with USB and auxiliary port and MP3 player front plug-in
	▲	Premium radio with Bluetooth®, AM/FM/WB radio with USB and auxiliary port, remote auxiliary, and remote USB port
	●	Radio-area storage slot
●	●	Lockable master electrical disconnect switch
●	●	Multifunction/multi-language LCD monitor: Analog displa (fuel level, coolant temperature, and engine oil pressure) Digital display (engine rpm, charge pressure, hours, DPF soot level, and transmission direction/speed range)
▲	▲	Multifunction/multi-language 178-mm (7 in.) color LCD monitor for Slope Control: Tachometer, hour meter, trans mission direction and speed (forward/reverse), exhaust filter status, ambient temperature, and clock
●	●	Built-in diagnostics: Diagnostic-code details / Sensor values / Calibrations / Individual circuit tester
●	●	Keyless start with multiple security modes
●	●	Battery, dual, 24 volts
●	●	Lights: LED, grille-mounted front (2) and halogen, cab-mounted rear (2)
▲	▲	LED lights: grille-mounted front (2), cab-mounted front (2 and rear (2)
	▲	External-mounted attachment mirror
●	●	JDLink™ wireless communication system (available in specific countries; see your dealer for details)

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JOHN DEERE

DKAKUDZR Litho in U.S.A. (21-04)

LYLE MACHINERY

Lyle Machinery Co.
Machine Quotation

Hancock County
Governmental Quote

08DEC22

Lyle Machinery is pleased to submit the following quote:

New 2023 Komatsu PC78US-11 Hydraulic Excavator equipped as follows:

- 12'2" Boom with Auxiliary Hydraulics
- 7'5" Arm with Auxiliary Plumbing
- Proportional Joysticks - installed
- Blade Assembly 7'8"
- ROAD LINER Shoes 18"
- Hydraulic Thumb – installed
- 60" Ditch Bucket with Bolt on Edge
- Flashing Beacon
- All standard equipment
- 5 Years or 4000 Hours**Full Machine Warranty
- 4 Years or 2500 Hours**PM Services with Air Filters and Travel

Machine Sale Price **$122,932**

Optional Trade Allowance: 2014 Deere 75G 015092 $40,000

**Whichever occurs first

Prices do not include Sales Tax

Thank you,

Craig Cook
Lyle Machinery
19450 HWY 49 North
Gulfport, MS 39503

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

SPEC SHEET

MID SIZE EXCAVATOR

2022 OR NEWER

18,000 -19,000 OPERATING WEIGHT

ENGINE SHALL BE A MINIMUM OF 48 GROSS HP AND BE TURBO CHARGED

ENCLOSED CAB WITH ROPS, AIR CONDITIONING AND HEATING

FIXED SIDE BOOM

60" DITCHING BUCKET WITH BOLT ON REPLACEABLE CUTTING EDGE

HYDRAULIC THUMB

QUICK COUPLER FOR EASILY CHANGING WORK TOOLS OR BUCKETS

MINIMUM REACH SHALL BE AT LEAST 22'3"

FACTORY INTEGRATED REAR VIEW BACKUP CAMERA WITH COLOR DISPLAY

FACTORY INTEGRATED AM/FM RADIO

STROBE BEACON

LED LIGHTS

STRAIGHT DOZER BLADE WITH BOLT ON REPLACEABLE WEAR EDGE

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

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STEEL TRACK WITH RUBBER PADS

CONTROL PATTERN CHANGER

BOOM WORK LIGHTS

TRAVEL ALARM

AUTOMATIC ENGINE IDLE

2 SPEED TRAVEL

5YR 4,000 HR EXTENDED PREMIER FULL MACHINE WARRANTY

UPON DELIVERY DEALER TO PROVIDE ALL FILTERS FOR SERVICE INTERVALS UP TO 2,500 HRS

MUST TAKE DELIVERY IN 45 DAYS OR LESS AFTER ISSUE OF PURCHASE ORDER AT 18382 HIGHWAY 43 KILN MS 39556

MUST HAVE A SERVICING DEALER WITHIN 50 MILES OF 18382 HIGHWAY 43 KILN MS 39556

OPTION OF TRADE IN

COUNTY OWNED JOHN DEERE 75G

S/N 15092 APPROX. 3950 HRS

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

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KOMATSU®

PC78US-11

Tier 4 Final Engine

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

PC78US

COMPACT HYDRAULIC EXCAVATOR

Photos may include optional equipment.

NET HORSEPOWER
68 HP @ 1,850 rpm
51 kW @ 1,850 rpm

OPERATING WEIGHT
17,438–18,188 lbs.
7910–8250 kg

BUCKET CAPACITY
0.12–0.26 yd^3
0.09–0.20 m^3

WALK-AROUND

PC78US-11

Photos may include optional equipment.

NET HORSEPOWER
68 HP @ 1,850 rpm
51 kW @ 1,850 rpm

OPERATING WEIGHT
17,791–18,188 lbs.
8070–8250 kg

BUCKET CAPACITY
0.12–0.26 yd³
0.09–0.20 m³

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

KOMATSU CARE

PERFORMANCE AND VERSATILITY

Conventional boom and true tight tail swing for confined spaces with standard auxiliary hydraulics expand versatility in a productive and easy to transport design.

New engine and hydraulic technology helps improve operational efficiency and improves fuel consumption.*

Photos may include optional equipment.

A high output Komatsu SAA3D95E-1 engine provides a net output of 50.6 kW **68 HP**. This engine is EPA Tier 4 Final emissions certified.

Viscous fan clutch improves fuel efficiency when max fan speed is not required.

Komatsu Diesel Oxidation Catalyst (KDOC) reduces particulate matter using passive regeneration 100% of the time.
No AdBlue®/DEF or DPF is required.

Komatsu's Closed-center Load Sensing System (CLSS) provides quick response and smooth operation to promote maximum productivity.

Enhanced working modes are designed to match engine speed, pump delivery, and system pressure to the application.

Large LCD color monitor panel:
- 7" high resolution screen
- Provides "Ecology Guidance" for fuel efficient operation
- Enhanced attachment control

Rearview monitoring system (standard)

Equipment Management Monitoring System (EMMS) continuously monitors machine operation and vital systems to identify machine issues and assist with troubleshooting.

Enhanced working environment
- High back, suspension operator seat
- Integrated ROPS cab design
- Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard
- Aux jack and (2) 12V outlets

Ultra-short swing radius and conventional style boom allows the PC78US-11 to easily operate in confined space.

Wide access service doors provide easy access for ground level maintenance.

Standard auxiliary piping to run attachments.

Operator Identification System

Battery disconnect switch allows a technician to disconnect the power supply before servicing the machine.

Komatsu designed and manufactured components

Larger service doors improve maintenance accessibility with centralized ground-level filters relocated to a common area.

Komatsu Auto Idle Shutdown helps reduce idle time and operating costs.

Standard 7'7" 2330mm blade redesigned to roll material for more efficient backfilling.

Standard pattern change valve

Bluetooth radio with wireless technology and USB

LED work lamps are standard equipment.

* All comparisons are to the prior model, unless otherwise stated.

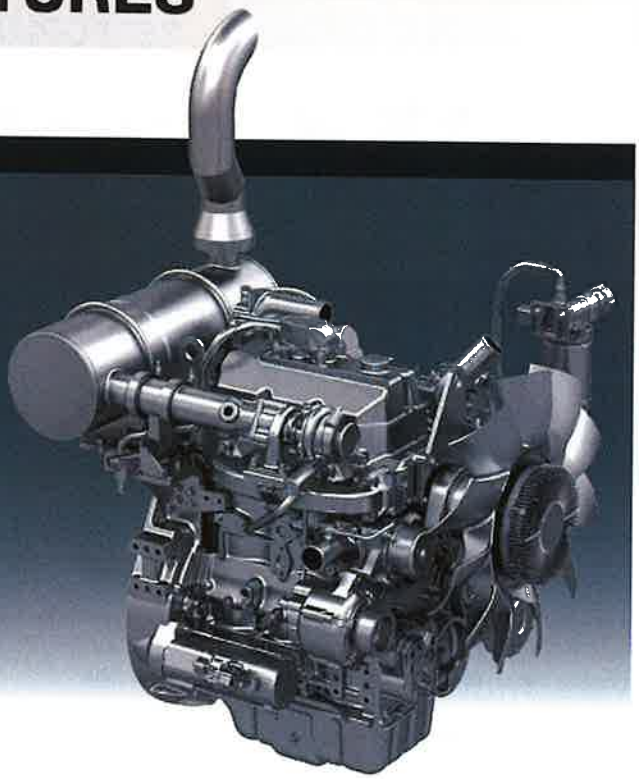
Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

PERFORMANCE FEATURES

KOMATSU NEW ENGINE TECHNOLOGIES

A New High Output 2.4-liter Engine

Komatsu's new, in house-developed high output 2.4-liter engine can meet all user requirements.
Its digging efficiency and environmental performance are top-of the class, offering both high power and low fuel consumption even with a more compact engine.
Centralized ground-level access filters helps reduce maintenance time.



Improved Efficiency

Improved Total Vehicle Control promotes optimum performance under a wide variety of operational conditions. Improvements such as variable speed matching of engine speed according to hydraulic pump output, reduction of hydraulic pressure loss and a fan clutch help significantly reduce fuel consumption, while enabling higher operating speeds.

Compared to the PC78US-10

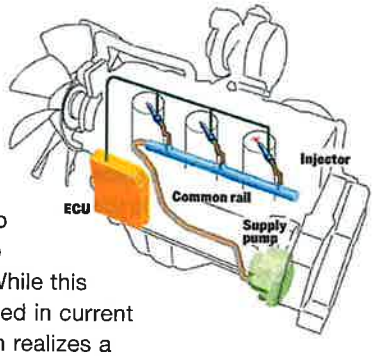
Technologies Applied to New Engine

Electronic control system

The electronic control system performs high-speed processing of all signals from sensors installed in the vehicle and engine to control equipment in different conditions of use. Conditions of the engine are displayed via an on-board network on the monitor inside the cab, providing necessary information to the operator. Furthermore, managing the information via KOMTRAX helps customers engage in appropriate maintenance.

Heavy-duty High-Pressure Common Rail fuel injection system

The system is designed to achieve an optimal injection of high-pressure fuel by means of computerized control, thereby bringing close to complete combustion to reduce PM emissions. While this technology is already used in current engines, the new system realizes a higher-pressure injection, thereby reducing both PM emissions and fuel consumption at entire engine operating conditions.



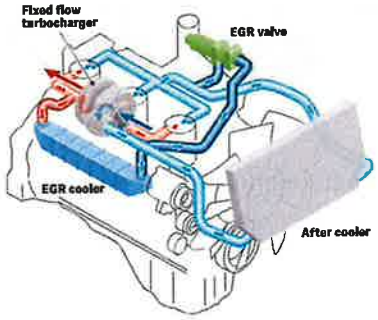
Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Komatsu Diesel Oxidation Catalyst (KDOC)

The new Komatsu Diesel Oxidation Catalyst (KDOC) has an integrated design that does not interfere with daily operation. This smart and simplified system removes soot using **100% "passive regeneration"** without the need for a Diesel Particulate Filter. The KDOC is a long-life design and requires no maintenance. For owners, this means lower owning and operating costs due to less complexity and seamless operation.

Cooled Exhaust Gas Recirculation (EGR)

Cooled EGR, a technology well-proven in existing Komatsu engines, helps reduce NOx emissions. These components promote reliable performance during the demanding work conditions of construction equipment.



Low Noise

A more compact engine produces space for a fan clutch system allowing engine and hydraulic system turning using a variable matching control system which reduces noise.

Surrounding noise

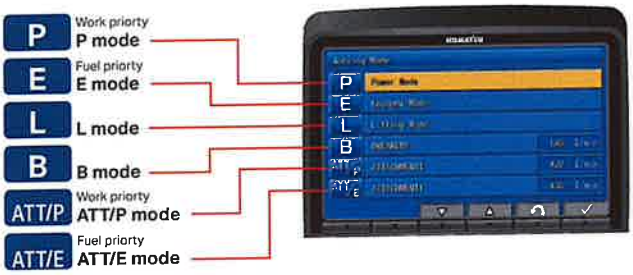
Reduced 1.0 dB (A)

Compared to the PC78US-10

Working Mode Selection

The PC78US-11 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC78US-11 features a new mode (ATT/E) which allows operators to run attachments while in Economy mode.

Working Mode	Application	Advantage
P	Power mode	•Maximum production/power •Fast cycle times
E	Economy mode	•Good cycle times •Better fuel economy
L	Lifting mode	•Increases hydraulic pressure
B	Breaker mode	•Optimized engine rpm, hydraulic flow
ATT/P	Attachment Power mode	•Optimized engine rpm, hydraulic flow, 2-way •Power mode
ATT/E	Attachment Economy mode	•Optimized engine rpm, hydraulic flow, 2-way •Economy mode



Working mode selectable

Ecology gauge & fuel consumption gauge

Ecology guidance

Auto-decelerator

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PERFORMANCE FEATURES

INCREASED PRODUCTIVITY

Improved Digging Performance

Overall operating performance is improved by the higher digging speed and smooth integration of multiple operational controls. This reduces stress on the operator.

Productivity (90° dump loading)

P mode up to 8% increase

Compared to the PC78US-10.

LED Lamps

LED lamps are equipped on the boom and cab. The visibility under low light environment is improved, and work at night with ease.

Photo may include optional equipment.

Improved multifunction operation

Quicker arm speed makes levelling work and teeth alignment easier and faster. With the higher digging speed and faster hoist swing and lift rate, even the toughest jobs are handled with ease.

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Improved Blade Design

Improved blade efficiency

Improved blade design rolls material better for more efficient dozing work and backfilling.

Automatic travel speed change and travel switch

The travel speed selector switch installed on the blade control lever allows the operator to engage high speed travel. Once engaged, the travel speed automatically shift up or down within the selected speed range.

Equipped with a blade as standard equipment

A blade for efficient back-filling and leveling work is equipped as standard.

Improved Auxiliary Hydraulic Circuit

Better hydraulic flow to attachments

The standard auxiliary hydraulic circuit now has up to 12% greater hydraulic flow.

Hydraulic flow to the attachment

up to 12%

Compared to the PC78US-10.

Automated Attachment Conversion Using Monitor

Equipped with universal piping for attachments such as breakers or crushers, conversion to low-pressure (one-way flow) mode requires only a push of the breaker mode switch on the monitor.

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MAINTENANCE FEATURES

Improved Serviceability

Improved maintenance accessibility with larger service access doors.

Easy to clean cooling unit area

1. The auxiliary hydraulic circuit return filter has been relocated for easier ground-level access alongside the windshield washer tank
2. Centralized ground-level access with filters relocated to a common area
3. Easier access to side-by-side cooling package with enlarged panels and doors
4. Air conditioning condenser swings open for improved access to radiator for cleaning

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Centralized ground-level access with filters relocated to a common area

The new layout centralizes fuel/oil filters at just the right height for easy access. This helps reduce the labor and stress involved in periodic inspections.

Fuel pre-filter (With water separator)

High efficiency fuel filter

Engine oil filter

Fuel drain valve

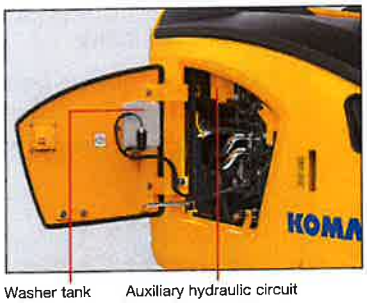
Engine oil drain valve

The new engine oil drain valve makes draining engine oil quick and easy.

Improved fueling access

Improved right-hand locking fuel tank cover provides easier ground-level access to fuel tank filler port.

The auxiliary hydraulic circuit return filter has been relocated for easier ground-level access alongside the windshield washer tank



Washer tank

Auxiliary hydraulic circuit return filter

Easy to clean, new floor mat

Removing the floor mat for the cleaning is easy since it is not fixed by bolts.

Closed-circuit cooling system

This system not only makes cooling more efficient, but also requires minimal maintenance until the next coolant change.

Fan belt auto-tensioner

Maintenance-free fan belt auto-tensioner.

Battery disconnect switch

A standard battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing the machine.

Long-life oil, filter

Engine oil & engine oil filter	every 500 hours
Hydraulic oil	every 5000 hours
Hydraulic oil filter	every 1000 hours

Hydraulic oil filter

"Maintenance time caution lamp" display

When the remaining time to maintenance becomes less than 30 hours*, the maintenance time monitor appears. Pressing the F6 key switches the monitor to the maintenance screen.

* : The setting can be changed within the range between 10 and 200 hours.

Maintenance screen

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OPERATION FEATURES

SHORT SWING RADIUS

True Tight Tail Swing For Confined Areas

Short implement swing radius

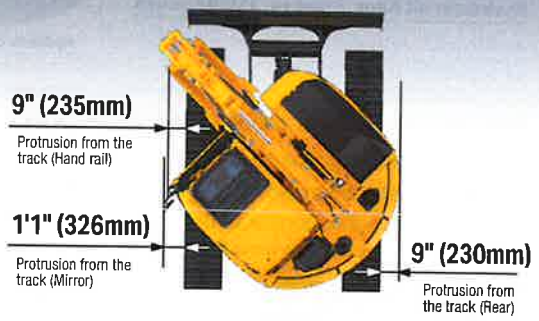
12' 2" (3710 mm) boom raising angle of the PC78US-11 is larger than a conventional profile excavator. The result is reduced front implement swing radius.

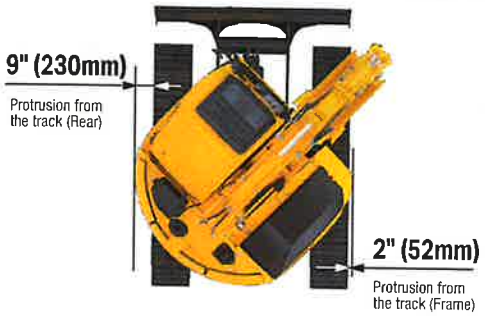
Tight tail swing radius

4' 7" 1390 mm short tail swing radius of the PC78US-11 allows the machine to work in more confined areas than a conventional machine.

Round Profile of both Front and Rear Portion of the Upper Structure

Komatsu tighttail hydraulic excavators allows the machine to work in surprisingly tight quarters.





Right Side Visibility

Visibility on the right has been improved through modification of the front right cover.

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Lock Lever Functionality

Lock lever

When lock lever is placed in lock position all hydraulic controls (Travel, swing, boom, arm, bucket and blade) are inoperable.

Lever shown in lock position

ROPS Cab (ISO 12117-2)

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of ISO OPG top guard level 1 for falling objects. Combined with the retractable seat belt.

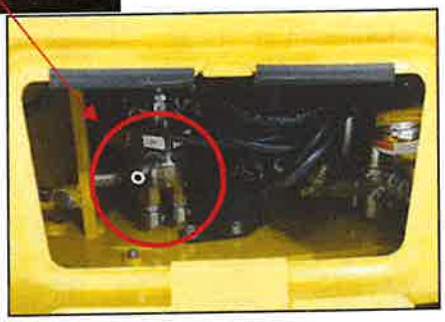
Rear View Monitoring System

The operator can view the rear of the machine with a color monitor screen.

Rear view image on monitor

Pattern Change Valve Standard

A pattern change valve is conveniently located below the cab, making switching from excavator controls to backhoe controls quick and easy.



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WORKING ENVIRONMENT

Improved Spacious Pressurized Cab

Large comfortable cab equipped on this minimum radius machine for added operator comfort.

Low interior noise reducing operator fatigue

A comfortable low noise cab enables longer operation with less fatigue.

Noise level at operator ears

71 dB (A)

Suspension seat

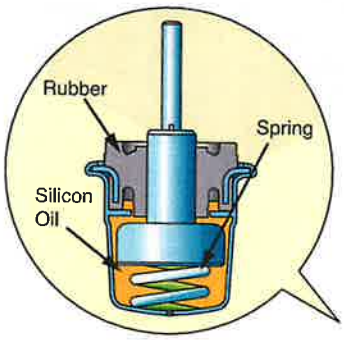
The reclining seat has deep side supports for the operator. The backrest angle can be easily adjusted using a pull-up lever for the optimum operating posture.

Automatic Air Conditioner

The automatic air conditioner allows the operator to easily and precisely set the cab atmosphere using the large LCD color monitor panel. The bi-level control function improves air flow and keeps the inside of the cab comfortable throughout the year.

Low Vibration with Viscous Cab Mounts

The PC78US-11 uses viscous mounts for the cab that incorporate a longer stroke and the addition of a spring. The cab damper mounting combined with a high rigidity deck reduces vibration at the operator's seat.



Multifunction stereo

It has functions of AM/FM radio and USB and Bluetooth® wireless technology enabled products can be connected.

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LARGE HIGH RESOLUTION LIQUID CRYSTAL DISPLAY (LCD) MONITOR

Machine Monitor with Evolutionary Interface

The interface has been redesigned to enable the necessary information to be read and understood more easily, while retaining the maneuverability of previous models. A rear view camera image have been added to the default main screen. The interface has a function that enables the main screen to be switched, thus enabling the most useful screen for the particular work situation to be displayed.

Indicators

1. Auto-decelerator
2. Working mode
3. Travel speed
4. Ecology gauge
5. Camera display
6. Engine coolant temperature gauge
7. Hydraulic oil temperature gauge
8. Fuel gauge
9. Service meter, clock
10. Fuel consumption gauge
11. Guidance icon
12. Function switches

Basic operation switches

1. Auto-decelerator
- Working mode selector
- Traveling selector
4. Buzzer cancel
5. Wiper
6. Window washer

Support Efficiency Improvement

Ecology guidance

While the machine is operating, Ecology guidance pops up on the monitor screen to notify the operator of the status of the machine in real time.

- **Avoid Excessive Engine Idling**
- **Use Economy Mode to Save Fuel**
- **Avoid Hydraulic Relief Pressure**
- **Reduce Engine Speed During Long Travel to Save Fuel**

Ecology gauge & fuel consumption gauge

The monitor screen is provided with an Ecology gauge and also a fuel consumption gauge which is displayed continuously. In addition, the operator can set any desired target value of fuel consumption (Within the range of the green display), enabling the machine to be operated with better fuel economy.

Ecology gauge — Fuel consumption gauge

Ecology guidance

Operation record, fuel consumption history, and Ecology guidance record

The Ecology guidance menu enables the operator to check the operation record, fuel consumption history and Ecology guidance record from the Ecology guidance menu, using a single touch, thus enabling the total fuel consumption to be reduced.

Operation record

Fuel consumption history

Ecology guidance record

Visual user menu

Pressing the F6 key on the main screen displays the user menu screen. The menus are grouped for each function, and use easy-to-understand icons which enable the machine to be operated more easily.

1. Energy saving guidance
2. Machine settings
3. Maintenance
4. Monitor setting
5. Mail check

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KOMATSU PARTS & SERVICE SUPPORT

KOMATSU CARE

Komatsu Care program includes:

The PC78US-11 comes standard with complimentary factory-scheduled maintenance for the first three years or 2,000 hours, whichever occurs first.*

Planned maintenance intervals at:

500/1,000/1,500/2,000-hour intervals. (250-hour initial interval for some products.) Complimentary maintenance interval includes: replacement of oils and fluid filters with genuine Komatsu parts, 50-point inspection, Komatsu Oil and Wear Analysis (KOWA) sampling/travel and mileage (distance set by distributor; additional charges may apply)

Benefits of using Komatsu Care

- Assurance of proper maintenance with OEM parts and service
- Increased uptime and efficiency
- Factory-certified technicians performing work
- Cost of ownership savings
- Transferable upon resale

Planned maintenance interval	500	1,000	1,500	2,000
KOWA sampling – (engine, hydraulics, swing circle, l & r final drives)	✓	✓	✓	✓
Lubricate machine	✓	✓	✓	✓
Lubricate swing circle	✓	✓	✓	✓
Check swing pinion grease level and add, when necessary	✓	✓	✓	✓
Change engine oil	✓	✓	✓	✓
Replace engine oil filter	✓	✓	✓	✓
Replace fuel pre filter	✓	✓	✓	✓
Clean air cleaner element	✓	✓	✓	✓
Drain sediment from fuel tank	✓	✓	✓	✓
Complete 50-point inspection form; leave pink copy with customer or in cab	✓	✓	✓	✓
Reset monitor panel maintenance counter for appropriate items	✓	✓	✓	✓
Replace main fuel filter		✓		✓
Factory-trained technician labor	✓	✓	✓	✓

*Certain exclusions and limitations apply. Refer to the customer certificate for complete program details and eligibility. Komatsu® and Komatsu Care® are registered trademarks of Komatsu Ltd. | Copyright 2021 Komatsu America Corp.

Komatsu CARE® – Extended Coverage

- Extended Coverage can provide peace of mind by protecting customers from unplanned expenses that effect cash flow
- Purchasing extended coverage locks-in the cost of covered parts and labor for the coverage period and helps turn these into fixed costs

Komatsu Parts Support

- 24/7/365 to fulfill your parts needs
- 9 parts Distribution Centers strategically located across the U.S. and Canada
- Distributor network of more than 300 locations across U.S. and Canada to serve you
- Online part ordering through Komatsu eParts
- Remanufactured components with same-as-new warranties at a significant cost reduction

Komatsu Oil and Wear Analysis (KOWA)

- KOWA detects fuel dilution, coolant leaks, and measures wear metals
- Proactively maintain your equipment
- Help maximize availability and performance
- Can identify potential problems before they lead to major repairs
- Reduce life cycle cost by extending component life

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KOMTRAX EQUIPMENT MONITORING

GET THE WHOLE STORY WITH KOMTRAX®

WHAT

- KOMTRAX is Komatsu's remote equipment monitoring and management system
- KOMTRAX **continuously monitors and records** machine health and operational data
- Information such as fuel consumption, utilization, and a detailed history **aids in making repair or replacement decisions**

WHEN

- Know when your machines are **running or idling** and make decisions that will improve your fleet utilization
- Detailed movement records let you know when and where your equipment is moved
- Up to date records allow you to **know when maintenance was done** and help you plan for future maintenance needs

WHERE

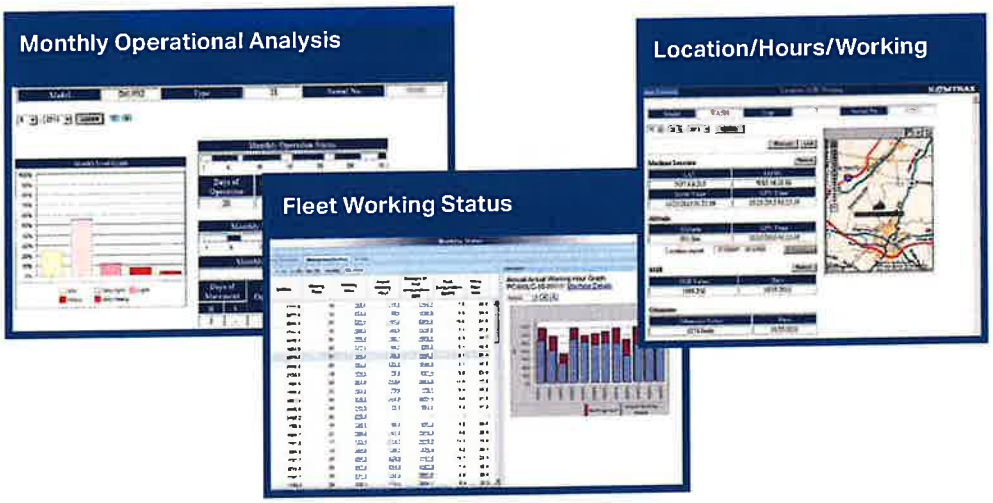
- KOMTRAX data **can be accessed virtually anywhere** through your computer, the web or your smart phone
- Automatic alerts keep fleet managers up to date on the latest machine notifications

WHO

- KOMTRAX is **standard** equipment on all Komatsu construction products

WHY

- Knowledge is power - **make informed decisions** to manage your fleet better
- Knowing your idle time and fuel consumption will help maximize your machine efficiency
- **Take control of your equipment** - any time, anywhere



KOMTRAX®
For construction and compact equipment.

KOMTRAX Plus®
For production and mining class machines.

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SPECIFICATIONS

ENGINE

Model	Komatsu SAA3D95E-1*
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled, cooled EGR
Number of cylinders	3
Bore	95 mm **3.74"**
Stroke	115 mm **4.52"**
Piston displacement	2.45 L **149.5 in³**
Horsepower:	
SAE J1995	Gross 50.7 kW **68.0 HP**
ISO 9249 / SAE J1349	Net 50.6 kW **67.9 HP**
Rated rpm	1850
Fan drive method for radiator cooling	Mechanical with viscous fan clutch
Governor	All-speed control, electronic

*EPA Tier 4 Final emissions certified

HYDRAULICS

Type ..... HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load-sensing valves and pressure-compensated valves

Number of selectable working modes 6

Main pumps:

Pumps for	Boom, arm, bucket, swing, and travel circuits
Type	Variable displacement, axial piston
Maximum flow	168 L/min **44.4 gal/min**
Pumps for	Blade
Type	Fixed displacement gear
Maximum flow	63 L/min **17.0 gal/min**

Hydraulic motors:

Travel	2 x piston motor with parking brake
Swing	1 x axial piston motor with swing holding brake

Relief valve setting:

Implement circuits	29.4 MPa 300 kgf/cm² **4,264 psi**
Travel circuits	29.9 MPa 305 kgf/cm² **4,337 psi**
Swing circuits	21.9 MPa 223 kgf/cm² **3,176 psi**
Pilot circuits	3.2 MPa 33 kgf/cm² **464 psi**
Blade circuits (Raise)	12.3 MPa 125 kgf/cm² **1,784 psi**
Blade circuits (Lower)	21.1 MPa 215 kgf/cm² **3,060 psi**

Hydraulic cylinders:
(Number of cylinders – bore x stroke x rod diameter)

Boom	1–110 mm x 858 mm x 65 mm **4.33" x 33.8" x 2.56"**
Arm	1–95 mm x 861 mm x 60 mm **3.74" x 33.9" x 2.36"**
Bucket	1–85 mm x 710 mm x 55 mm **3.35" x 27.95" x 2.17"**
Blade	1–130 mm x 130 mm x 65 mm **5.12" x 5.12" x 2.56"**

Auxiliary hydraulics (two-stage relief):

Two-way	138 L/min **36.5 gal/min**
Relief	26.51 MPa **3,830 psi**
One-way	80 L/min **21.1 gal/min**
Relief in breaker mode	17.17 MPa **2,490 psi**

DRIVES AND BRAKES

Steering control	Two levers with pedals
Drive method	Hydrostatic
Maximum drawbar pull	68.1 kN 6950 kgf **15,309 lbf**
Maximum travel speed: High	5.0 km/h **3.1 mph**
Low	2.7 km/h **1.9 mph**
Service brake	Hydraulic lock
Parking brake	Mechanical disc

SWING SYSTEM

Driven by	Hydraulic motor
Swing reduction	Planetary gear
Swing circle lubrication	Grease-bathed
Swing lock	Mechanical disc brake
Swing speed	10 rpm

UNDERCARRIAGE

Center frame	X-frame leg
Track frame	Box-section
Track type	Sealed
Track adjuster	Hydraulic
Number of shoes (each side)	39
Number of carrier rollers (each side)	1
Number of track rollers (each side)	5

COOLANT & LUBRICANT CAPACITY (REFILLING)

Fuel tank	125 L **33 U.S. gal**
Radiator	18 L **4.8 U.S. gal**
Engine	10.5 L **2.7 U.S. gal**
Final drive, each side	1.1 L **0.29 U.S. gal**
Swing drive	2.0 L **0.52 U.S. gal**
Hydraulic tank	56 L **14.8 U.S. gal**

OPERATING WEIGHT (APPROXIMATE)

Operating weight includes 3710 mm **12'2"** one-piece boom, 2250 mm **7'5"** arm, ISO 7451 heaped 0.20 m³ **0.26 yd³** bucket, blade, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Track Shoes	Operating Weight	Ground Pressure (ISO 16754)
Road liner 450 mm **18"**	8070 kg **17,791 lbs.**	35.8 kPa / 0.36 kg/cm² **5.20 psi**
Triple grouser 450 mm **18"**	7930 kg **17,483 lbs.**	35.8 kPa / 0.36 kg/cm² **5.20 psi**
Triple grouser 600 mm **24"**	8250 kg **18,188 lbs.**	26.8 kPa / 0.27 kg/cm² **3.90 psi**
Rubber track 450 mm **18"**	7910 kg **17,438 lbs.**	35.0 kPa / 0.35 kg/cm² **5.10 psi**

WORKING FORCES

	Arm Length	2100 mm 6'11"
ISO rating	Bucket digging force	61.3 kN / 6250 kgf / **13,781 lbs.**
	Arm crowd force	34.5 kN / 3518 kgf / **7,756 lbs.**
SAE rating	Bucket digging force	51.9 kN / 5300 kgf / **11,668 lbs.**
	Arm crowd force	32.8 kN / 3350 kgf / **7,373 lbs.**

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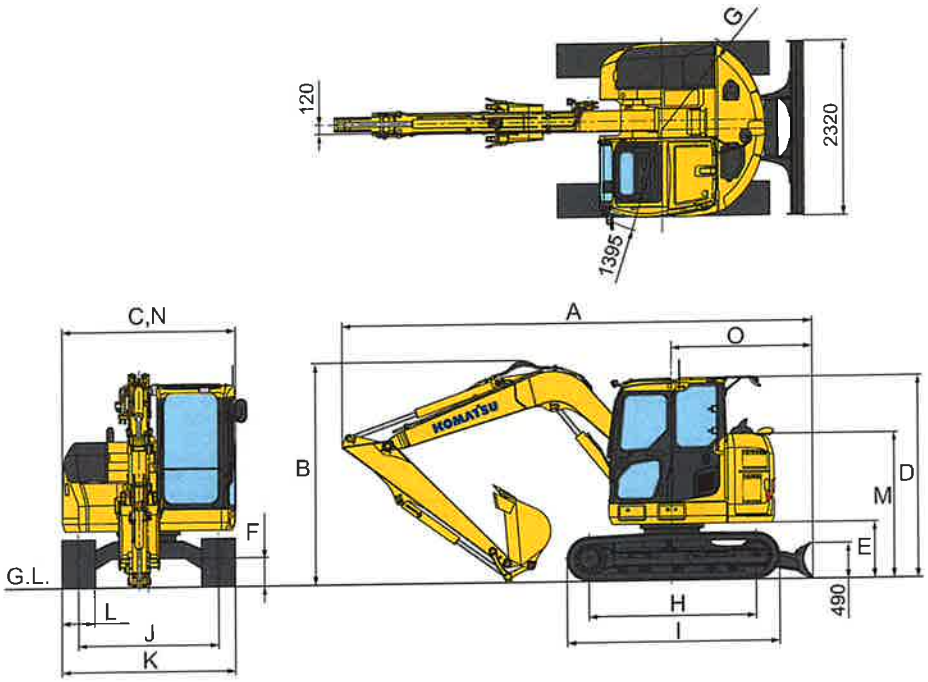
DIMENSIONS



	Boom length	3710 mm	12'2"
	Arm length	2250 mm	7'5"
A	Overall length	6295 mm	20'8"
B	Overall height (to top of boom)	2940 mm	9'8"
C	Overall width	2330 mm	7'8"
D	Overall height (to top of cab)*	2740 mm	9'1"
E	Ground clearance, counterweight	785 mm	2'7"
F	Ground clearance, minimum	410 mm	1'4"
G	Tail swing radius	1390 mm	4'7"
H	Track length on ground	2235 mm	7'4"
I	Track length*	2890 mm	9'6"
J	Track gauge	1870 mm	6'2"
K	Width of crawler	2320 mm	7'7"
L	Shoe width	450 mm	1'6"
M	Machine engine hood height	2060 mm	6'8"
N	Machine cab width	2330 mm	7'8"
O	Distance, swing center to rear end	1885 mm	6'2"

* : Dimension of the machine with the road liner shoes.

BACKHOE BUCKET, ARM AND BOOM COMBINATIONS

Bucket Capacity (heaped)				Width				Weight		Number of Teeth	Arm Length
SAE, PCSA		CECE		Without Cutters		With Cutters					2100 mm (6'11')
0.09 m³	0.12 yd³	0.08 m³	0.10 yd³	350 mm	13.7"	450 mm	17.7"	145 kg	319.7 lb	3	0
0.12 m³	0.16 yd³	0.11 m³	0.14 yd³	450 mm	17.7"	550 mm	21.7"	160 kg	352.7 lb	3	0
0.20 m³	0.26 yd³	0.18 m³	0.24 yd³	550 mm	21.7"	650 mm	25.6"	185 kg	407.9 lb	3	0

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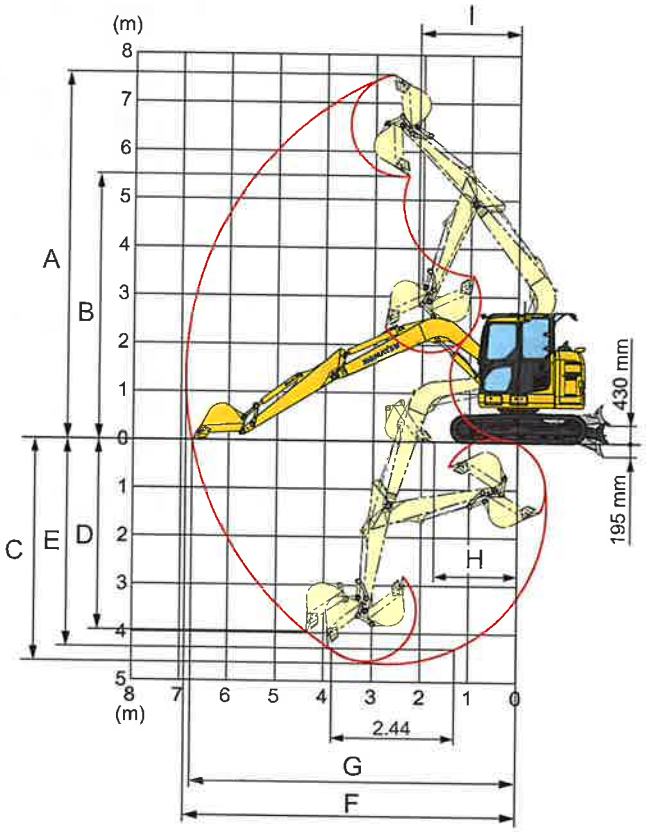
SPECIFICATIONS

WORKING RANGE

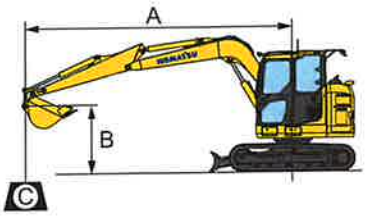


	Boom Length	**3710 mm**	**12'2"**
	Arm Length	**2250 mm**	**7'5"**
A	Maximum digging height	7650 mm	**25'1"**
B	Maximum dumping height	5550 mm	**18'3"**
C	Maximum digging depth	4660 mm	**15'3"**
D	Maximum vertical wall digging depth	3980 mm	**13'1"**
E	Max. digging depth of cut for 8' level bottom	4380 mm	**14'4"**
F	Maximum digging reach	6920 mm	**22'8"**
G	Maximum digging reach at ground	6780 mm	**22'3"**
H	Minimum digging reach at ground	1710 mm	**5'7"**
I	Minimum swing radius	2050 mm	**6'9"**
SAE rating	Bucket digging force	53.3 kN 5440 kg / **11,982 lb**	
	Arm crowd force	33.3 kN 3380 kgf / **7,486 lb**	
ISO rating	Bucket digging force	61.3 kN 6250 kg / **13,780 lb**	
	Arm crowd force	34.5 kN 3520 kgf / **7,756 lb**	

with road liner

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

LIFTING CAPACITY WITH LIFTING MODE



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊖: Rating at maximum reach

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450 mm Road Liner Blade on ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⊖ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg											*1710	*1710
	(lb)											*(3770)	*(3770)
5m (16.4 ft)	kg							*1690	*1690			*1520	*1520
	(lb)							*(3740)	*(3740)			*(3360)	*(3360)
4m (13.1 ft)	kg							*1710	*1710	*1700	1430	*1460	1280
	(lb)							*(3780)	*(3780)	*(3760)	(3160)	*(3220)	(2830)
3m (9.8 ft)	kg					*2120	*2120	*1900	*1900	*1760	1410	*1450	1030
	(lb)					*(4690)	*(4690)	*(4200)	*(4200)	*(3900)	(3120)	*(3210)	(2280)
2m (6.6 ft)	kg					*2770	*2770	*2200	1890	*1900	1370	*1500	1130
	(lb)					*(6110)	*(6110)	*(4850)	(4180)	*(4190)	(3040)	*(3310)	(2500)
1m (3.3 ft)	kg					*3360	2740	*2490	1810	*2040	1330	*1600	1060
	(lb)					*(7420)	(6050)	*(5490)	(4000)	*(4490)	(2940)	*(3530)	(2330)
GL	kg					*3610	2620	*2660	1750	*2110	1290	*1770	1040
	(lb)					*(7970)	(5770)	*(5860)	(3860)	*(4670)	(2860)	*(3900)	(2310)
-1m (-3.3 ft)	kg	*2410	*2410	*3560	*3560	*3580	2550	*2660	1710	*2070	1270	*1800	1110
	(lb)	*(5330)	*(5330)	*(7850)	*(7850)	*(7890)	(5630)	*(5860)	(3770)	*(4580)	(2810)	*(3970)	(2460)
-2m (-6.6 ft)	kg	*4500	*4500	*4600	*4600	*3290	2550	*2460	1700	*1810	1270	*1800	1270
	(lb)	*(9920)	*(9920)	*(10150)	*(10150)	*(7260)	(5620)	*(5440)	(3750)	*(3990)	(2810)	*(3970)	(2800)

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450 mm Road Liner Blade off ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⊖ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg											*1710	*1710
	(lb)											*(3770)	*(3770)
5m (16.4 ft)	kg							*1690	*1690			*1520	*1520
	(lb)							*(3740)	*(3740)			*(3360)	*(3360)
4m (13.1 ft)	kg							*1710	*1710	1680	1430	*1460	1280
	(lb)							*(3780)	*(3780)	(3700)	(3160)	*(3220)	(2830)
3m (9.8 ft)	kg					*2120	*2120	*1900	*1900	1660	1410	1320	1030
	(lb)					*(4690)	*(4690)	*(4200)	*(4200)	(3660)	(3120)	(2930)	(2280)
2m (6.6 ft)	kg					*2770	*2770	*2200	1890	1620	1370	1240	1130
	(lb)					*(6110)	*(6110)	*(4850)	(4180)	(3570)	(3040)	(2730)	(2500)
1m (3.3 ft)	kg					3350	2740	2170	1810	1570	1330	1210	1060
	(lb)					(7390)	(6050)	(4790)	(4000)	(3470)	(2940)	(2670)	(2330)
GL	kg					3240	2620	2100	1750	1530	1290	1230	1040
	(lb)					(7150)	(5770)	(4630)	(3860)	(3380)	(2860)	(2710)	(2310)
-1m (-3.3 ft)	kg	*2410	*2410	*3560	*3560	3170	2550	2050	1710	1510	1270	1310	1110
	(lb)	*(5330)	*(5330)	*(7850)	*(7850)	(7000)	(5630)	(4530)	(3770)	(3330)	(2810)	(2900)	(2460)
-2m (-6.6 ft)	kg	*4500	*4500	*4600	*4600	3160	2550	2040	1700	1510	1270	1510	1270
	(lb)	*(9920)	*(9920)	*(10150)	*(10150)	(6960)	(5620)	(4510)	(3750)	(3330)	(2810)	(3330)	(2800)

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

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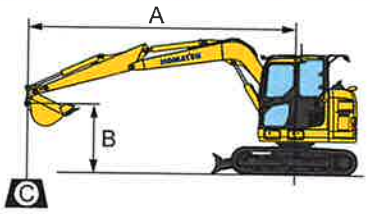
SPECIFICATIONS

LIFTING CAPACITY WITH LIFTING MODE



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⟲: Rating at maximum reach

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450mm Rubber Belted Track Blade on ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⟲ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	*1700 *(3760)	1400 (3090)	*1460 *(3220)	1250 (2760)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	*1760 *(3900)	1380 (3040)	*1450 *(3210)	1100 (2440)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1850 (4080)	*1900 *(4190)	1340 (2960)	*1500 *(3310)	1030 (2270)
1m (3.3 ft)	kg (lb)					*3360 *(7420)	2670 (5890)	*2490 *(5490)	1770 (3900)	*2040 *(4490)	1300 (2860)	*1600 *(3530)	1000 (2210)
GL	kg (lb)					*3610 *(7970)	2550 (5620)	*2660 *(5860)	1700 (3760)	*2110 *(4670)	1260 (2780)	*1770 *(3900)	1020 (2240)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	*3580 *(7890)	2480 (5480)	*2660 *(5860)	1660 (3660)	*2070 *(4580)	1240 (2730)	*1800 *(3970)	1080 (2390)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	*3290 *(7260)	2480 (5470)	*2460 *(5440)	1650 (3640)	*1810 *(3990)	1230 (2730)	*1800 *(3970)	1230 (2730)

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450mm Rubber Belted Track Blade off ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⟲ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	1630 (3600)	1400 (3090)	*1460 *(3220)	1250 (2760)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	1610 (3560)	1380 (3040)	1290 (2850)	1100 (2440)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1850 (4080)	1570 (3470)	1340 (2960)	1200 (2660)	1030 (2270)
1m (3.3 ft)	kg (lb)					3260 (7190)	2670 (5890)	2110 (4660)	1770 (3900)	1530 (3370)	1300 (2860)	1170 (2590)	1000 (2210)
GL	kg (lb)					3150 (6950)	2550 (5620)	2040 (4500)	1700 (3760)	1490 (3280)	1260 (2780)	1190 (2630)	1020 (2240)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	3080 (6800)	2480 (5480)	1990 (4400)	1660 (3660)	1460 (3230)	1240 (2730)	1270 (2820)	1080 (2390)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	3080 (6790)	2480 (5470)	1980 (4380)	1650 (3640)	1460 (3230)	1230 (2730)	1460 (3230)	1230 (2730)

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

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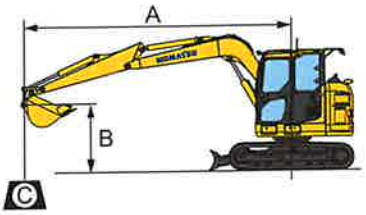
LIFTING CAPACITY WITH LIFTING MODE



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450 mm Triple grouser Blade on ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	*1700 *(3760)	1410 (3110)	*1460 *(3220)	1260 (2780)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	*1760 *(3900)	1390 (3070)	*1450 *(3210)	1110 (2460)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1860 (4110)	*1900 *(4190)	1350 (2980)	*1500 *(3310)	1040 (2290)
1m (3.3 ft)	kg (lb)					*3360 *(7420)	2690 (5940)	*2490 *(5490)	1780 (3930)	*2040 *(4490)	1310 (2890)	*1600 *(3530)	1010 (2230)
GL	kg (lb)					*3610 *(7970)	2570 (5670)	*2660 *(5860)	1720 (3790)	*2110 *(4670)	1270 (2800)	*1770 *(3900)	1020 (2260)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	*3580 *(7890)	2510 (5530)	*2660 *(5860)	1670 (3700)	*2070 *(4580)	1250 (2750)	*1800 *(3970)	1090 (2410)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	*3290 *(7260)	2500 (5520)	*2460 *(5440)	1660 (3680)	*1810 *(3990)	1250 (2750)	*1800 *(3970)	1250 (2750)

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 450 mm Triple grouser Blade off ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	1650 (3630)	1410 (3110)	*1460 *(3220)	1260 (2780)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	1630 (3590)	1390 (3070)	1300 (2870)	1110 (2460)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1860 (4110)	1590 (3500)	1350 (2980)	1210 (2680)	1040 (2290)
1m (3.3 ft)	kg (lb)					3290 (7250)	2690 (5940)	2130 (4700)	1780 (3930)	1540 (3400)	1310 (2890)	1180 (2610)	1010 (2230)
GL	kg (lb)					3180 (7010)	2570 (5670)	2060 (4540)	1720 (3790)	1500 (3310)	1270 (2800)	1200 (2660)	1020 (2260)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	3110 (6860)	2510 (5530)	2010 (4440)	1670 (3700)	1480 (3260)	1250 (2750)	1280 (2840)	1090 (2410)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	3100 (6850)	2500 (5520)	2000 (4420)	1660 (3680)	1480 (3260)	1250 (2750)	1480 (3260)	1250 (2750)

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

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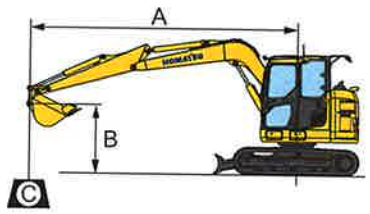

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
❽: Rating at maximum reach

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 600 mm Triple grouser Blade on ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		❽ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	*1700 *(3760)	1440 (3170)	*1460 *(3220)	1280 (2840)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	*1760 *(3900)	1420 (3130)	*1450 *(3210)	1140 (2510)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1900 (4200)	*1900 *(4190)	1380 (3050)	*1500 *(3310)	1060 (2340)
1m (3.3 ft)	kg (lb)					*3360 *(7420)	2750 (6070)	*2490 *(5490)	1820 (4020)	*2040 *(4490)	1340 (2950)	*1600 *(3530)	1030 (2280)
GL	kg (lb)					*3610 *(7970)	2630 (5790)	*2660 *(5860)	1750 (3870)	*2110 *(4670)	1300 (2870)	*1770 *(3900)	1050 (2320)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	*3580 *(7890)	2560 (5660)	*2660 *(5860)	1710 (3780)	*2070 *(4580)	1280 (2820)	*1800 *(3970)	1120 (2470)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	*3290 *(7260)	2560 (5660)	*2460 *(5440)	1700 (3760)	*1810 *(3990)	1270 (2820)	*1800 *(3970)	1270 (2820)

Arm: 2250mm (7'5") Bucketless (without cylinder and links) Shoe width: 600 mm Triple grouser Blade off ground

A / B		1.5 m (4'11")		2.0 m (6'7")		3.0 m (10')		4.0 m (13'1")		5.0 m (16'5")		❽ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6m (19.7 ft)	kg (lb)											*1710 *(3770)	*1710 *(3770)
5m (16.4 ft)	kg (lb)							*1690 *(3740)	*1690 *(3740)			*1520 *(3360)	*1520 *(3360)
4m (13.1 ft)	kg (lb)							*1710 *(3780)	*1710 *(3780)	1680 (3710)	1440 (3170)	*1460 *(3220)	1280 (2840)
3m (9.8 ft)	kg (lb)					*2120 *(4690)	*2120 *(4690)	*1900 *(4200)	*1900 *(4200)	1660 (3670)	1420 (3130)	1330 (2940)	1140 (2510)
2m (6.6 ft)	kg (lb)					*2770 *(6110)	*2770 *(6110)	*2200 *(4850)	1900 (4200)	1620 (3580)	1380 (3050)	1240 (2740)	1060 (2340)
1m (3.3 ft)	kg (lb)					*3360 *(7420)	2750 (6070)	2180 (4800)	1820 (4020)	1580 (3480)	1340 (2950)	1210 (2680)	1030 (2280)
GL	kg (lb)					3250 (7180)	2630 (5790)	2110 (4650)	1750 (3870)	1540 (3390)	1300 (2870)	1230 (2720)	1050 (2320)
-1m (-3.3 ft)	kg (lb)	*2410 *(5330)	*2410 *(5330)	*3560 *(7850)	*3560 *(7850)	3190 (7030)	2560 (5660)	2060 (4550)	1710 (3780)	1510 (3340)	1280 (2820)	1320 (2910)	1120 (2470)
-2m (-6.6 ft)	kg (lb)	*4500 *(9920)	*4500 *(9920)	*4600 *(10150)	*4600 *(10150)	3170 (6990)	2560 (5660)	2050 (4530)	1700 (3760)	1510 (3340)	1270 (2820)	1510 (3340)	1270 (2820)

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EQUIPMENT

STANDARD EQUIPMENT

ENGINE:
- Komatsu SAA3D95E-1
- Auto deceleration
- Air cleaner, double element with auto dust evacuator
- B20 Biodiesel compatible*
- Cooling system viscous fan clutch, suction type
- Cooling system with expansion tank
- Engine oil-pan drain valve
- Fixed turbocharger
- Komatsu Diesel Oxidation Catalyst (KDOC)

ELECTRICAL SYSTEM:
- Alternator, 24 V/60 A
- Batteries, 2 x 12 V/55 Ah
- Battery disconnect switch
- Lock out/tag out provisioned
- Starting motor 24 V/4.5 kW

GUARDS AND COVERS:
- Fan guard
- Pump/engine partition cover
- Diesel ground level fuel fill and hydraulic tank fill cap are under lockable side covers
- Car body swivel guards

OPERATOR ENVIRONMENT:
- 12 V x 2 power supply
- Attachment flow switching through monitor
- Auto climate control
- Auto idle shutdown
- Cab includes: antenna, multifunction audio with USB and Bluetooth wireless technology, floormat,intermittent front windshield wiper and washer, large ceiling hatch, pull-up front window, removable lower windshield
- Handrails
- Komtrax 5.0 (cellular 4G system)
- LED working light on boom
- LED working light on cab
- Lock lever auto lock function
- Monitor panel
- Operator identification function
- Rearview mirrors (LH, rear)
- Rearview monitoring system
- ROPS cab (ISO 12117-2)
- Seat belt, 78 mm **3.1"**
- Suspension seat
- Swing holding brake
- Travel alarm
- Travel Hi/Lo switch on blade control lever

HYDRAULIC SYSTEM:
- Dual stage relief valve
- Proportional control on floor for auxiliary hydraulics
- Hydraulic control unit-1 additional actuator
- One-way/two-way auxiliary hydraulic flow
- Operation pattern change-over valve (two-way, ISO/BH)
- One-variable piston pump and one gear pump
- Auxiliary circuit return filter and accumulator
- Automatic swing brake
- Automatic load sensing two speed travel

WORK EQUIPMENT:
- Blade 2330 mm **7'7"** (welded cutting edge type)
- Counterweight, 805 kg **1,775 lbs.**

UNDERCARRIAGE:
- Triple grouser shoe, 450 mm **18"**

*Up to 20% blended biodiesel fuel and paraffine fuel can be used. Please consult your Komatsu distributor for detail.

OPTIONAL EQUIPMENT

GUARDS AND COVERS:
- Bolt-on top guard (operator protective guards level 2)
- Cab front guard
  - — Full height front window mesh guard (Level 1)

WORK EQUIPMENT:
- Boom,
  - — 3405 mm **11'2"** swing type
- Arm,
  - — 2100 mm **6'11"** arm assembly with provision for hydraulic thumb
- Blade,
  - — 2470 mm **8' 1"** wide blade (requires 600 mm **24"** shoes)

UNDERCARRIAGE:
- Shoes:
  - — 450 mm **18"** Road Liner shoes
  - — 600 mm **24"** Triple grouser shoes
- Rubber belt track:
  - —450 mm **18"**

ATTACHMENT OPTIONS

- Buckets
- Couplers
- Thumbs
- Breakers

For a complete list of available attachments, please contact your local Komatsu distributor.

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

PC78US-11

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KOMATSU®

Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.

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Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

P. O. BOX 23087 JACKSON, MS 39225-3087
19450 Hwy 49 North Gulfport, MS 39503

LYLE
MACHINERY

Hancock County Board Of Supervisors
854 Highway 90
Bay Saint Louis, MS

RECEIVED
DEC 09 2022
BY:

Mid Size Excavator sealed Proposal
To be opened: 10:00 a.m.(CST) Monday Dec 19, 2022

Attachment: Excavator - Lyle Machinery - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Puckett Rents CAT THE Rental STORE

QUOTE

TO: HANCOCK COUNTY Date: December 19, 2022

Puckett Rents is pleased to submit the following quotation for your consideration:

NEW	**CAT 307.5 07A**		
1	307.5 07A MHE	$	101,905.72
	BELT, SEAT, 3" RETRACTABLE		
	INTEGRATED RADIO		
	CAMERA, REAR VIEW		
	LIGHTS, LED		
	MONITOR NG, ADVANCED LITE		
	PRODUCT LINK CELLULAR		
	STD BLADE AND TRACK W/PADS		
	STICK, LONG		
	COUNTERWEIGHT EXTRA		
	60" DITCHING BUCKET		
	HYD THUMB		
	CUTTING EDGE		
	BEACON		
1	FILTER KITS FOR UP TO 2500 HRS		1,597.00
1	**TRADE-IN:** John Deere 75G S/N: 15092 approx. 3950 hrs		(38,000.00)
	Warranty: 12 months / Unlimited Hours Total Machine warranty 60 months / 4,000 Hours Total Machine extended warranty		
	TOTAL SALE PRICE AFTER TRADE:	$	65,502.72

QUOTE VALID FOR 30 DAYS

Thank you for this opportunity. We look forward to continued business with you.

Sincerely,

JOSH PARKER
Sales Representative
Cell: (601) 750-7373

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Cat®
307.5
Mini Hydraulic Excavator

Features:

The Cat® 307.5 Mini Excavator delivers maximum power and performance in a mini size to help you work in a wide range of applications.

ALL DAY COMFORT
- A sealed and pressurized cab is equipped with an improved air conditioning system, adjustable wrist rests and a suspension seat to help keep you working comfortably all day long.

EASY TO OPERATE
- Controls are easy to use and the intuitive Next Generation Monitor provides customizable machine operator preferences and easy to read machine information.

STICK STEER TRAVEL MODE
- Moving around the job site is even easier with the Cat Stick Steer option. Easily switch from traditional travel controls with levers and pedals to joystick controls with a push of a button. The benefit of less effort and improved control is in your hands!

BIG PERFORMANCE IN A MINI DESIGN
- Increased lifting, swinging, travel and multi-functioning performance helps you get the job done more efficiently, and dig-to-blade allows for easy clean up.

SAFETY ON THE JOB SITE
- Your safety is our top priority. The Cat Mini Excavator is designed to help keep you safe on the job. A back-up camera, courtesy work lights and a fluorescent retractable seat belt are just a few of the safety features we've built into the machine.

SIMPLE SERVICE FOR LESS DOWNTIME
- Maintenance is quick and easy on the Cat Mini Excavator. Routine check points are easy to access at ground level with grouped service points and robust service panels.

LOWER OPERATING COSTS
- Equipped with features such as auto idle, auto engine shutdown, and efficient hydraulics with a variable displacement pump, the Cat Mini Excavator was designed with reducing your operating costs in mind.

UNMATCHED DEALER SUPPORT
- Your Cat dealer is here to help you reach your business goals. From providing equipment solutions to operator training to service needs and beyond, your Cat dealer is ready to help.

Specifications

Engine

Engine Model	Cat C2.4 Turbo	
Rated Net Power @ 2,400 rpm		
ISO 9249/EEC 80/1269	41.7 kW	55.9 hp
Gross Power		
ISO 14396	43.2 kW	57.9 hp
Bore	87 mm	3.4 in
Stroke	102 mm	4 in
Displacement	2.43 L	148 in³

Weights

Minimum Operating Weight with Cab*	7532 kg	16,605 lb
Maximum Operating Weight with Cab**	8233 kg	18,152 lb

*Minimum Weight is based on steel tracks, no counterweight, operator, full fuel tank, standard stick, blade and no bucket.

**Maximum Weight is based on steel tracks with rubber pads, counterweight, operator, full fuel tank, long stick, blade and no bucket.

Weight Increase from Minimum Configuration

Counterweight	250 kg	552 lb
Long Stick	82 kg	181 lb
Steel Tracks with Pads	285 kg	628 lb

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

307.5 Mini Hydraulic Excavator

Travel System

Travel Speed – High	5.0 km/h	3.1 mph
Travel Speed – Low	3.1 km/h	1.9 mph
Maximum Traction Force – High Speed	26.1 kN	5,856 lb
Maximum Traction Force – Low Speed	62.4 kN	14,035 lb
Ground Pressure – Minimum Weight	32.7 kPa	5 psi
Ground Pressure – Maximum Weight	35.7 kPa	5 psi
Gradeability (maximum)	30 degrees	

Service Refill Capacities

Cooling System	10 L	2.6 gal
Engine Oil	9.5 L	2.5 gal
Fuel Tank	145 L	38 gal
Hydraulic Tank	53 L	14 gal
Hydraulic System	104 L	27 gal

Hydraulic System

Load Sensing Hydraulics with Variable Displacement Piston Pump		
Pump Flow @ 2,400 rpm	167 L/min	44 gal/min
Operating Pressure – Equipment	285 bar	4,134 psi
Operating Pressure – Travel	285 bar	4,134 psi
Operating Pressure – Swing	250 bar	3,626 psi
Auxiliary Circuit – Primary		
Flow	131 L/min	35 gal/min
Pressure	285 bar	4,134 psi
Auxiliary Circuit – Secondary		
Flow	33 L/min	9 gal/min
Pressure	285 bar	4,134 psi
Digging Force – Stick (standard)	37.8 kN	8,504 lb
Digging Force – Stick (long)	33.7 kN	7,579 lb
Digging Force – Bucket	54.6 kN	12,272 lb

Swing System

Machine Swing Speed	10 rpm

Blade

Width	2280 mm	90 in
Height	431 mm	17 in

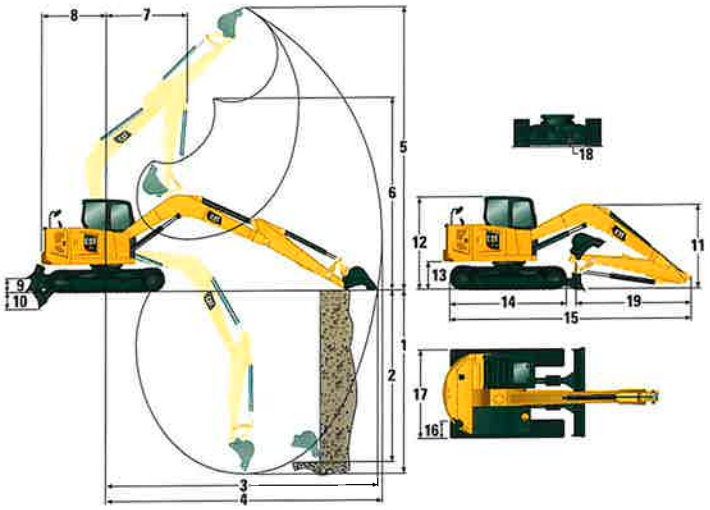
Certification – Cab

Roll Over Protective Structure (ROPS)	ISO 12117-2:2008
Tip Over Protective Structure (TOPS)	ISO 12117:1997
Top Guard	ISO 10262:1998 (Level II)

Sound

Operator Sound Pressure (ISO 6396:2008)	72 dB(A)
Average Exterior Sound Pressure (ISO 6395:2008)	98 dB(A)

• European Union Directive "2000/14/EC"



Dimensions

		Standard Stick	Long Stick
1	Dig Depth	4107 mm (162 in)	4649 mm (183 in)
2	Vertical Wall	3604 mm (142 in)	4120 mm (162 in)
3	Maximum Reach at Ground Level	6152 mm (242 in)	6671 mm (263 in)
4	Maximum Reach	6297 mm (248 in)	6805 mm (268 in)
5	Maximum Dig Height	7341 mm (289 in)	7758 mm (305 in)
6	Maximum Dump Clearance	5293 mm (208 in)	5710 mm (225 in)
7	Boom in Reach	1681 mm (66 in)	2250 mm (89 in)
8	Tail Swing		
	with Counterweight	1995 mm (79 in)	1995 mm (79 in)
	without Counterweight	1800 mm (71 in)	1800 mm (71 in)
9	Maximum Blade Height	363 mm (14 in)	363 mm (14 in)
10	Maximum Blade Depth	414 mm (16 in)	414 mm (16 in)
11	Transport Height	2558 mm (101 in)	2656 mm (105 in)
12	Cab Height	2534 mm (100 in)	2534 mm (100 in)
13	Swing Bearing Height	756 mm (30 in)	756 mm (30 in)
14	Overall Undercarriage Length	2760 mm (109 in)	2760 mm (109 in)
15	Overall Shipping Length	6144 mm (242 in)	6257 mm (246 in)
16	Track Belt/Shoe Width	450 mm (18 in)	450 mm (18 in)
17	Overall Track Width	2200 mm (87 in)	2200 mm (87 in)
	Width over Upper House	2250 mm (89 in)	2250 mm (89 in)
18	Ground Clearance	370 mm (15 in)	370 mm (15 in)
19	Stick Length	1665 mm (66 in)	2208 mm (87 in)

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Lift Capacities – Minimum Configuration*

Lift Point Height			3 m (9.8 ft) Over Front Blade Down	3 m (9.8 ft) Over Front Blade Up	3 m (9.8 ft) Over Side	4.5 m (14.8 ft) Over Front Blade Down	4.5 m (14.8 ft) Over Front Blade Up	4.5 m (14.8 ft) Over Side	Lift Point Radius (Maximum) Over Front Blade Down	Lift Point Radius (Maximum) Over Front Blade Up	Lift Point Radius (Maximum) Over Side	Lift Point Radius (Maximum) m (ft)
4.5 m (14.8 ft)	Standard Stick	kg (lb)	2248 (4,956)	2248 (4,956)	2257 (4,976)				1113 (2,454)	1113 (2,454)	1113 (2,454)	4.41 (14.5)
	Long Stick	kg (lb)				1734 (3,823)	1734 (3,823)	1759 (3,878)	1090 (2,403)	1090 (2,403)	1090 (2,403)	5.03 (16.5)
3 m (9.8 ft)	Standard Stick	kg (lb)	2728 (6,014)	2728 (6,014)	2758 (6,080)	2141 (4,720)	1646 (3,629)	1461 (3,221)	1047 (2,308)	1047 (2,308)	1047 (2,308)	5.17 (17.0)
	Long Stick	kg (lb)	2227 (4,910)	2227 (4,910)	2220 (4,894)	1915 (4,222)	1915 (4,222)	1475 (3,252)	1038 (2,288)	1038 (2,288)	1038 (2,288)	5.71 (18.7)
1.5 m (4.9 ft)	Standard Stick	kg (lb)	3466 (7,641)	2899 (6,391)	2488 (5,485)	2341 (5,161)	1551 (3,419)	1367 (3,014)	1090 (2,403)	1090 (2,403)	1090 (2,403)	5.43 (17.8)
	Long Stick	kg (lb)	3140 (6,923)	3140 (6,923)	2535 (5,589)	2174 (4,793)	1545 (3,406)	1359 (2,996)	1075 (2,370)	1075 (2,370)	845 (1,863)	5.95 (19.5)
0 m (0 ft)	Standard Stick	kg (lb)	3678 (8,109)	2692 (5,935)	2294 (5,057)	2401 (5,293)	1470 (3,241)	1287 (2,837)	1250 (2,756)	1250 (2,756)	1017 (2,242)	5.27 (17.3)
	Long Stick	kg (lb)	3594 (7,923)	2663 (5,871)	2261 (4,985)	2339 (5,157)	1436 (3,166)	1252 (2,760)	1207 (2,661)	980 (2,161)	847 (1,867)	5.80 (19.0)

*Minimum Weight includes steel tracks, no counterweight, operator, full fuel tank, blade and no bucket.

Lift Capacities – Maximum Configuration**

Lift Point Height			3 m (9.8 ft) Over Front Blade Down	3 m (9.8 ft) Over Front Blade Up	3 m (9.8 ft) Over Side	4.5 m (14.8 ft) Over Front Blade Down	4.5 m (14.8 ft) Over Front Blade Up	4.5 m (14.8 ft) Over Side	Lift Point Radius (Maximum) Over Front Blade Down	Lift Point Radius (Maximum) Over Front Blade Up	Lift Point Radius (Maximum) Over Side	Lift Point Radius (Maximum) m (ft)
4.5 m (14.8 ft)	Standard Stick	kg (lb)	2252 (4,965)	2252 (4,965)	2261 (4,985)				1110 (2,447)	1110 (2,447)	1110 (2,447)	4.43 (14.5)
	Long Stick	kg (lb)				1744 (3,845)	1744 (3,845)	1768 (3,898)	1088 (2,399)	1088 (2,399)	1088 (2,399)	5.05 (16.6)
3 m (9.8 ft)	Standard Stick	kg (lb)	2743 (6,047)	2743 (6,047)	2774 (6,116)	2145 (4,729)	2145 (4,729)	1681 (3,706)	1047 (2,308)	1047 (2,308)	1047 (2,308)	5.18 (17.0)
	Long Stick	kg (lb)	2252 (4,965)	2252 (4,965)	2245 (4,949)	1920 (4,233)	1920 (4,233)	1929 (4,253)	1038 (2,288)	1038 (2,288)	1038 (2,288)	5.72 (18.8)
1.5 m (4.9 ft)	Standard Stick	kg (lb)	3477 (7,665)	3477 (7,665)	2863 (6,312)	2345 (5,170)	1800 (3,968)	1586 (3,497)	1092 (2,407)	1092 (2,407)	1092 (2,407)	5.43 (17.8)
	Long Stick	kg (lb)	3155 (6,956)	3155 (6,956)	3208 (7,072)	2179 (4,804)	1794 (3,955)	1578 (3,479)	1077 (2,374)	1077 (2,374)	1077 (2,374)	5.95 (19.5)
0 m (0 ft)	Standard Stick	kg (lb)	3675 (8,102)	3136 (6,914)	2674 (5,895)	2398 (5,287)	1720 (3,792)	1507 (3,322)	1255 (2,767)	1255 (2,767)	1255 (2,767)	5.26 (17.2)
	Long Stick	kg (lb)	3596 (7,928)	3596 (7,928)	2639 (5,818)	2339 (5,157)	1685 (3,715)	1472 (3,245)	1211 (2,670)	1211 (2,670)	1009 (2,224)	5.79 (19.0)

**Maximum Weight includes steel tracks with rubber pads, counterweight, operator, full fuel tank, blade and no bucket.

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

307.5 Mini Hydraulic Excavator

EQUIPMENT

ENGINE
- Cat C2.4 Diesel Engine (U.S. EPA Tier 4 Final/ EU Stage V) – Electronic Engine, Turbo, Diesel Particulate Filter (DPF)
- Automatic Engine Idle
- Automatic Engine Shutdown
- Automatic Swing Brake
- Automatic Two Speed Travel
- Fuel Water Separator with Indicator
- Radial Seal – Double Element Air Filter
- Extended Life Coolant, –37° C (–35° F)

HYDRAULICS
- Smart Tech Electronic Pump
- Variable Displacement Piston Pump
- Load Sensing/Flow Sharing Hydraulics
- Power On Demand
- Hydraulic Temperature Monitoring
- Certified Accumulator
- HYDO Advanced Hydraulic Oil

OPERATOR ENVIRONMENT
- Sealed and Pressurized Cab
- Operator Sound Pressure 72 dB(A) ISO 6396
- Stick Steer Mode
- Travel Cruise Control
- Control Pattern Changer
- Adjustable Wrist Rests
- Molded Footrests
- Removable, Washable Floor Mat
- Travel Pedals and Hand Levers
- Cat Key with Passcode Option
- HVAC with Automatic Temperature Control
- Hydraulic Lockout Controls
- Integrated Lower Front Window
- Assisted Front Window Overhead Storage
- Rear Window Emergency Exit
- Fabric, High Back, Suspension Seat
- Retractable Seat Belt (75 mm/3 in)
- Coat Hook
- Cup Holder
- LED Interior Light
- Literature Holder
- 12V Power Socket
- Radio – Bluetooth®, USB, Auxiliary, Microphone
- Skylight
- Mounting Bosses for Top and Front Guards
- ROPS – ISO 12117-2:2008
- TOPS – ISO 12117:1997
- Top Guard – ISO 10262:1998 (Level II)
- Color LCD Monitor
  - Fuel Level and Coolant Temperature Gauges
  - Maintenance and Machine Monitoring
  - Performance and Machine Adjustments
  - Numeric Security Code
  - Multiple Languages
  - Camera Ready
  - Hour Meter with Wake Up Switch
  - Jog Dial Control Interface

UNDERCARRIAGE
- Greased and Lubricated Track
- Hydraulic Track Adjusters
- Tie Down Eyes on Track Frame
- Dozer Blade
- Dozer Float
- Bolt-on, Reversible Wear Edge
- Steel Tracks (450 mm/17.7 in wide)

BOOM, STICK AND LINKAGES
- One Piece Boom (3700 mm/145.7 in)
- Standard Stick (1665 mm/65.6 in) or Long Stick (2200 mm/86.6 in)
- Front Shovel Capable (Pin-On/ Manual Coupler/Hydraulic Coupler – not available in all regions)
- Thumb Ready (not available in all regions)
- Certified Lifting Eye (not available in all regions)

ELECTRICAL
- 12 Volt Electrical System
- 60 Ampere Alternator
- 900 CCA Maintenance Free Battery
- Battery Disconnect
- Ignition Key Stop Switch
- Signaling/Warning Horn
- Product Link™ Elite Lite (regulations apply)
- Travel Alarm

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT
- Rain Visor
- Air Suspension Heated Seat

ELECTRICAL
- Rearview Camera
- Rotating Beacon

OTHER
- Attachments including Buckets, Augers and Hammers
- Steel Track with Rubber Pads
- Wide Steel Tracks (600 mm/23.6 in)
- 2nd Auxiliary Hydraulic Lines with Case Drain
- Boom and Stick Hose Burst Check Valves
- Bucket Linkage with Lift Eye
- Track Guides
- Water Jacket Heater
- Refueling Pump
- Cab Guarding

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

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AEHQ8158-01 (03-2019)
Replaces AEHQ8158
(North America and Europe)

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

SPEC SHEET

MID SIZE EXCAVATOR

- ✓ 2022 OR NEWER
- ✓ 18,000 -19,000 OPERATING WEIGHT
- ✓ ENGINE SHALL BE A MINIMUM OF 48 GROSS HP AND BE TURBO CHARGED
- ✓ ENCLOSED CAB WITH ROPS, AIR CONDITIONING AND HEATING
- ✓ FIXED SIDE BOOM
- ✓ 60" DITCHING BUCKET WITH BOLT ON REPLACEABLE CUTTING EDGE
- ✓ HYDRAULIC THUMB
- ✓ QUICK COUPLER FOR EASILY CHANGING WORK TOOLS OR BUCKETS
- ✓ MINIMUM REACH SHALL BE AT LEAST 22'3"
- ✓ FACTORY INTEGRATED REAR VIEW BACKUP CAMERA WITH COLOR DISPLAY
- ✓ FACTORY INTEGRATED AM/FM RADIO
- ✓ STROBE BEACON
- ✓ LED LIGHTS
- ✓ STRAIGHT DOZER BLADE WITH BOLT ON REPLACEABLE WEAR EDGE

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

- STEEL TRACK WITH RUBBER PADS
- CONTROL PATTERN CHANGER
- BOOM WORK LIGHTS
- TRAVEL ALARM
- AUTOMATIC ENGINE IDLE
- 2 SPEED TRAVEL
- 5YR 4,000 HR EXTENDED PREMIER FULL MACHINE WARRANTY
- UPON DELIVERY DEALER TO PROVIDE ALL FILTERS FOR SERVICE INTERVALS UP TO 2,500 HRS
- MUST TAKE DELIVERY IN 45 DAYS OR LESS AFTER ISSUE OF PURCHASE ORDER AT 18382 HIGHWAY 43 KILN MS 39556
- MUST HAVE A SERVICING DEALER WITHIN 50 MILES OF 18382 HIGHWAY 43 KILN MS 39556

OPTION OF TRADE IN

- COUNTY OWNED JOHN DEERE 75G

S/N 15092 APPROX. 3950 HRS

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

Puckett Rents
Josh Parker
9207 W. Oaklawn Road
Biloxi, MS 39532

Hancock County
County Administrator
854 Highway 90
Bay St. Louis, MS 39520

"Proposal for Midsized Excavator"

Recieved 1:57 pm
KF
12/15/22

Attachment: Excavator - Puckett Rents - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

JOHN DEERE

STRIBLING EQUIPMENT

Quote Summary

Prepared For:
HANCOCK COUNTY
18333 HIGHWAY 603
KILN, MS 39556

Prepared By:
JUSTIN STRAYHAM
Stribling Equipment, LLC
8480 West Oaklawn Road
Biloxi, MS 39532
Phone: 228-365-0000
justin.strayham@striblingequipment.com

Quote Id: 27937623
Created On: 16 December 2022
Last Modified On: 18 December 2022
Expiration Date: 30 December 2022

Equipment Summary	Selling Price		Qty		Extended
JOHN DEERE 75G EXCAVATOR	$ 122,606.81	X	1	=	$ 122,606.81
500-2500 HR Filters	$ 0.00	X	1	=	$ 0.00
John Deere Extended Warranty-60 Month 4000 Hour Full Machine Premier Full Machine Premier, 4000Total Hours or 60Total Months, $ 0.00 Deductible	$ 0.00	X	1	=	$ 0.00
Equipment Total					**$ 122,606.81**

Quote Summary	
Equipment Total	$ 122,606.81
DOCUMENTATION FEE	$ 0.00
SubTotal	$ 122,606.81
Total	$ 122,606.81
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	**$ 122,606.81**

Salesperson : X _____

Accepted By : X _____

Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

JOHN DEERE

STRIBLING EQUIPMENT

Selling Equipment

Quote Id: 27937623 **Customer:** HANCOCK COUNTY

JOHN DEERE 75G EXCAVATOR

Hours:
Stock Number:

Code	Description	Qty
0091FF	2023 75G EXCAVATOR	1
	Standard Options - Per Unit	
1111	Fixed Side Boom	1
3265	Rubber Crawler Pads on Steel Rails	1
7060	2.12 M (6 Ft. 11 In.) Arm Assembly with Bucket Cylinder and Linkage	1
9770	With Camera	1
	Auto Engine Idle	1
	2-speed propel with automatic shift	1
	Travel Alarm	1
	Control Pattern Switch	1
	Work Lights	1
	Straight Blade with replaceable edge	1
	Strobe Beacon	1
	22'8" Reach	1
	Net Power: 56.9 hp	1
	18,302 lbs. (with Hydraulic Thumb)	1
	Enclosed Cab with ROPS, A/C & Heat	1
	AM/FM RADIO	1
	Dealer Attachments	
TAG	Hydraulic Thumb	1
TAG	Manual Pin Coupler	1
TAG	60" Ditching Bucket	1
	Service Agreements	
	500-2500 HR Filters	
	John Deere Extended Warranty - 60 Month 4000 Hour Full Machine Premier	

Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

JOHN DEERE Extended Warranty

Extended Warranty Proposal

JOHN DEERE 75G EXCAVATOR
Date : December 18, 2022

Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Application	governmental	Deductible	$ 0.00
Equipment Type	75G EXCAVATOR	Coverage	Full Machine Premier	List	$ 0.00
Model	75G EXCAVATOR	Total Months	60		
Country		Total Hours	4000		

Extended Warranty is available only through authorized John Deere Dealers for John Deere Products,and may be purchased at any time before the product's Standard Warranty,or Extended Warranty expires.

Extended Warranty Proposal Prepared for:

Customer Name - Please Print

Customer Signature

I have been offered this extended warranty and

☑ I ACCEPT the Extended Warranty

☐ I DECLINE the Extended Warranty

If declined, I fully understand that any equipment listed above is not covered for customer expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific Extended Warranty coverage terms and conditions, please refer to the actual Extended Warranty contract for more information and the terms, conditions and limitations of the agreement.

What Extended Warranty is :
The Extended Warranty Program is for the reimbursement on parts and labor for covered components that fail due to faulty material or original workmanship that occur beyond the John Deere Basic Warranty coverage period. The agreement is between Deere & Company and the owners of select John Deere Construction and Forestry equipment, who purchase the Extended Warranty Plans for the desired coverage as indicated in this proposal.

What Extended Warranty is not :
Extended Warranty is not insurance. It also does not cover routine maintainance or high wear items,or insurance-related risks/perils such as collision, overturn, vandalism, wind, fire, hail, etc. It does not cover loss of income during or after an equipment failure. See the actual product-specific Extended Warranty agreement for a complete listing of covered components, and limitations and conditions under the program.

Features/Benefits:

- Extended Warranty includes the following features and benefits under the program :
- Pays for parts and labor costs incurred on failed covered components (less any applicable deductibles),
- Does not require pre-approval before repairs are made by the authorized John Deere dealership,
- Payments are reimbursed directly to the dealership with no prepayment required by the contract holder.

Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

G-SERIES
EXCAVATORS

JOHN DEERE

Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

75G SPECIFICATIONS

Engine	**75G**		
Manufacturer and Model	Yanmar 4TNV98C		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Power (ISO 9249)	42.4 kW (56.9 hp) at 2,000 rpm		
Cylinders	4		
Displacement	3.3 L (202 cu. in.)		
Aspiration	Natural		
Off-Level Capacity	70% (35 deg.)		
Cooling			
Variable-speed fan; viscous clutch			
Powertrain			
2-speed propel with automatic shift			
Maximum Travel Speed			
Low	3.1 km/h (1.9 mph)		
High	5.0 km/h (3.1 mph)		
Drawbar Pull	6650 kgf (14,661 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	3 variable-displacement axial-piston pumps		
Maximum Pump Flow	2 x 72 + 56 L/m (2 x 19 + 15 gpm)		
Pilot Pump	1 gear		
Maximum Rated Flow	20 L/m (5.3 gpm)		
System Relief Pressure	3900 kPa (566 psi)		
System Operating Pressure			
Implement Circuits	26 000 kPa (3,771 psi)		
Travel Circuits	31 400 kPa (4,554 psi)		
Swing Circuits	25 200 kPa (3,655 psi)		
Controls	Pilot levers, short stroke, low effort; hydraulic pilot controls with shutoff lever		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel (replaceable bushings) pivot pins			
	Bore	*Rod Diameter*	*Stroke*
Boom (1)	115 mm (4.5 in.)	65 mm (2.6 in.)	885 mm (34.8 in.)
Arm (1)	95 mm (3.7 in.)	60 mm (2.4 in.)	900 mm (35.4 in.)
Bucket (1)	85 mm (3.3 in.)	55 mm (2.2 in.)	730 mm (28.7 in.)
Electrical			
Batteries	2 x 12 volt		
Battery Capacity	2 x 450 CCA		
Alternator Rating	50 amp		
Work Lights	2 halogen: 1 mounted on boom and 1 mounted on frame		
Undercarriage			
Rollers (each side)			
Carrier	1		
Track	5		
Shoes (each side)	40		
Track			
Adjustment	Hydraulic		
Chain	Sealed and lubricated		
Swing Mechanism			
Swing Speed	10.5 rpm		
Swing Torque	16 600 Nm (12,244 lb.-ft.)		

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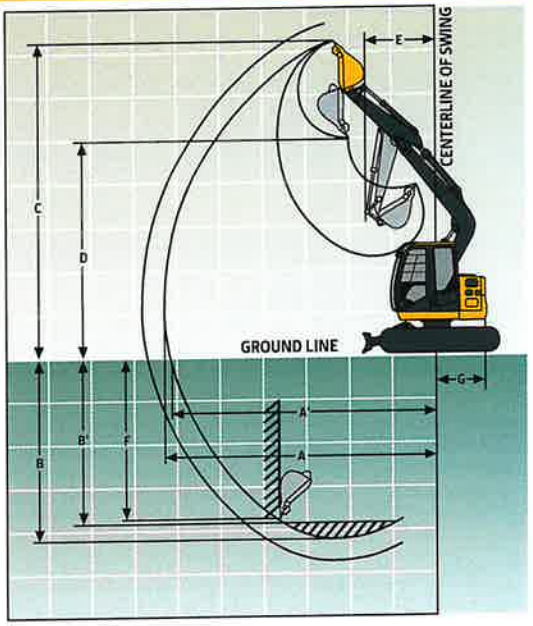
Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

75G SPECIFICATIONS

Ground Pressure	75G
450-mm (18 in.) Rubber Crawler Pads	39 kPa (5.6 psi)
450-mm (18 in.) Continuous Rubber Belt	39 kPa (5.6 psi)
450-mm (18 in.) Triple Semi-Grouser Shoes	38 kPa (5.4 psi)
600-mm (24 in.) Triple Semi-Grouser Shoes	27 kPa (3.9 psi)
Serviceability	
Refill Capacities	
Fuel Tank	135 L (35.7 gal.)
Cooling System	9.7 L (2.6 gal.)
Engine Oil with Filter	12.3 L (3.2 gal.)
Hydraulic Tank	56 L (15 gal.)
Hydraulic System	103 L (27 gal.)
Propel Gearbox (each)	1.2 L (1.3 qt.)
Operating Weights	
With 0.31-m³ (0.41 cu. yd.), 762-mm (30 in.), 313-kg (691 lb.) Bucket; 2.12-m (6 ft. 11 in.) Arm; 1305-kg (2,877 lb.) Counterweight; 2470-mm (8 ft. 1 in.) Blade; Full Fuel Tank; and 75-kg (165 lb.) Operator	
450-mm (18 in.) Rubber Crawler Pads	8143 kg (17,952 lb.)
450-mm (18 in.) Triple Semi-Grouser Shoes	7882 kg (17,377 lb.)
600-mm (24 in.) Triple Semi-Grouser Shoes	8265 kg (18,221 lb.)
450-mm (18 in.) Continuous Rubber Belt	7898 kg (17,412 lb.)
Optional Components	
Undercarriage (with the following)	
450-mm (18 in.) Rubber Crawler Pads	2903 kg (6,400 lb.)
450-mm (18 in.) Continuous Rubber Belt	2867 kg (6,321 lb.)
450-mm (18 in.) Triple Semi-Grouser Shoes	2851 kg (6,285 lb.)
600-mm (24 in.) Triple Semi-Grouser Shoes	3025 kg (6,669 lb.)
1-Piece Boom (with arm cylinder)	497 kg (1,096 lb.)
2.12-m (6 ft. 11 in.) Arm with Bucket Cylinder and Linkage	276 kg (608 lb.)
Boom Lift Cylinders (2), Total Weight	178 kg (392 lb.)
Counterweight, Standard	1305 kg (2,877 lb.)

Operating Dimensions		*Arm Length 2.12 m (6 ft. 11 in.)*
	Arm Digging Force (ISO)	30.7 kN (6,902 lb.)
	Bucket Digging Force (ISO)	46.6 kN (10,476 lb.)
A	Maximum Reach	6.92 m (22 ft. 8 in.)
A¹	Maximum Reach at Ground Level	6.76 m (22 ft. 2 in.)
B	Maximum Digging Depth	4.61 m (15 ft. 1 in.)
B¹	Maximum Digging Depth at 2.44-m (8 ft.) Flat Bottom	4.32 m (14 ft. 2 in.)
C	Maximum Cutting Height	7.61 m (25 ft. 0 in.)
D	Maximum Dumping Height	5.51 m (18 ft. 1 in.)
E	Minimum Swing Radius	2.17 m (7 ft. 1 in.)
F	Maximum Vertical Wall	4.22 m (13 ft. 10 in.)
G	Tail Swing Radius	1.29 m (4 ft. 3 in.)



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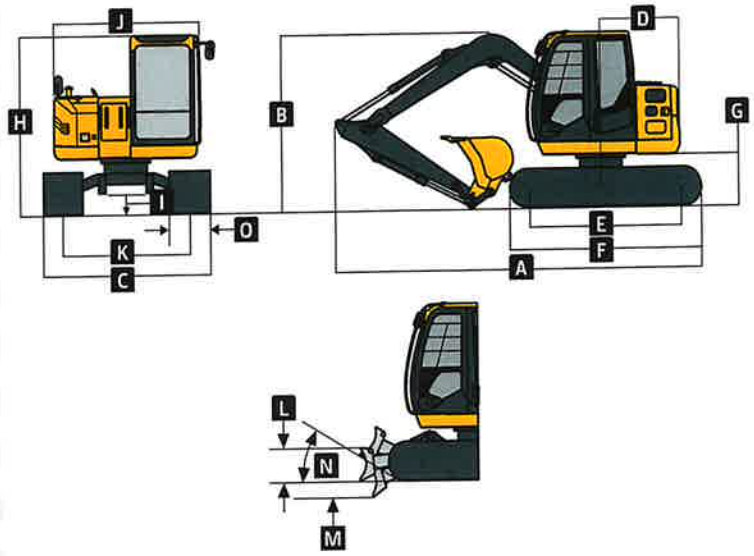
Attachment: Justin Strayham - Stribling Equipment - Excavator - Bid (11897 : Award Excavator bid to Puckett Rents as lowest and best)

75G

Machine Dimensions		75G
		Arm Length 2.12 m (6 ft. 11 in.)
A	Overall Length	6.37 m (20 ft. 11 in.)
B	Overall Height	2.69 m (8 ft. 10 in.)
C	Undercarriage Width	
	With 450-mm (18 in.) Shoes	2.32 m (7 ft. 7 in.)
	With 600-mm (24 in.) Shoes	2.47 m (8 ft. 1 in.)
D	Rear-End Length/Swing Radius	1.29 m (4 ft. 3 in.)
E	Distance Between Idler/Sprocket Centerline	2.29 m (7 ft. 6 in.)
F	Undercarriage Length	2.92 m (9 ft. 7 in.)
G	Counterweight Clearance	0.73 m (29 in.)
H	Cab Height	2.69 m (8 ft. 10 in.)
I	Ground Clearance	360 mm (14 in.)
J	Upperstructure Width	2.32 m (7 ft. 7 in.)
K	Gauge Width	1.87 m (6 ft. 2 in.)
L	Blade Lift Height	360 mm (14 in.)
	Blade Height	480 mm (19 in.)
	Blade Width	
	With 450-mm (18 in.) Shoes	2320 mm (7 ft. 7 in.)
	With 600-mm (24 in.) Shoes	2470 mm (8 ft. 1 in.)
M	Blade Cut Below Grade	300 mm (12 in.)
N	Blade Lift Angle	27 deg.
O	Track Width	
	With 450-mm (18 in.) Shoes	0.45 m (18 in.)
	With 600-mm (24 in.) Shoes	0.60 m (24 in.)



Lift Capacities

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

	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION					
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 3.72-m (12 ft. 8 in.) boom, 2.12-m (6 ft. 11 in.) arm, 0.28-m³ (0.37 cu. yd.) bucket, 450-mm (18 in.) rubber pads, and 2320-mm (7 ft. 9 in.) blade						
4.5 m (15 ft.)					**1475 (3,252)**	**1475 (3,252)**
3.0 m (10 ft.)			**1834 (4,043)**	**1834 (4,043)**	**1613 (3,557)**	**1613 (3,557)**
1.5 m (5 ft.)			**2864 (6,313)**	2797 (6,167)	**1958 (4,317)**	1541 (3,397)
Ground Line			**3508 (7,734)**	2629 (5,797)	**2248 (4,956)**	1472 (3,246)
–1.5 m (–5 ft.)	**3544 (7,813)**	**3544 (7,813)**	**3514 (7,746)**	2594 (5,718)	**2252 (4,964)**	1451 (3,199)
–3.0 m (–10 ft.)	**5020 (11,068)**	**5020 (11,068)**	**2742 (6,044)**	2663 (5,870)		

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Lift Capacities *(continued)* 75G

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

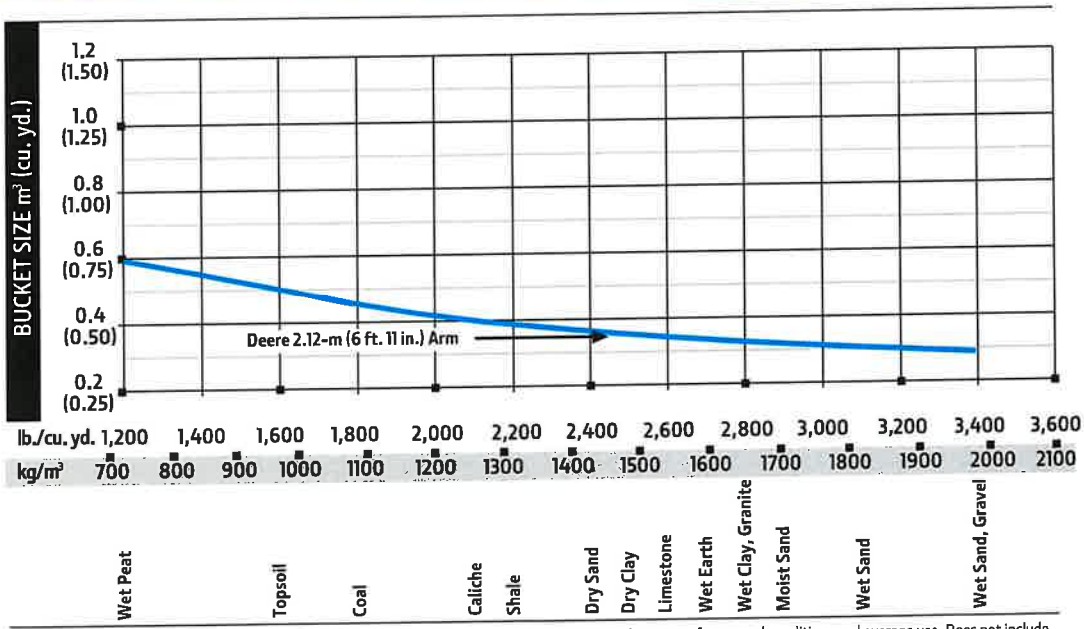
	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION					
	1.5 m (5 ft.)		3.0 m (10 ft.)		4.5 m (15 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 3.72-m (12 ft. 8 in.) boom, 2.12-m (6 ft. 11 in.) arm, 0.28-m³ (0.37 cu. yd.) bucket, 600-mm (24 in.) shoes, and 2470-mm (8 ft. 1 in.) blade						
4.5 m (15 ft.)					**1475 (3,252)**	**1475 (3,252)**
3.0 m (10 ft.)			**1834 (4,043)**	**1834 (4,043)**	**1613 (3,557)**	**1613 (3,557)**
1.5 m (5 ft.)			**2864 (6,313)**	2841 (6,263)	**1958 (4,317)**	1566 (3,452)
Ground Line			**3508 (7,734)**	2673 (5,893)	**2248 (4,956)**	1497 (3,301)
–1.5 m (–5 ft.)	**3544 (7,813)**	**3544 (7,813)**	**3514 (7,746)**	2637 (5,814)	**2252 (4,964)**	1476 (3,254)
–3.0 m (–10 ft.)	**5020 (11,068)**	**5020 (11,068)**	**2742 (6,044)**	2707 (5,967)		

Buckets

A full line of buckets is offered to meet a wide variety of applications. Replaceable cutting edges are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force (ISO)		Arm Dig Force (ISO) 2.12 m (6 ft. 11 in.)		Bucket Tip Radius		Number of Teeth
	mm	in.	m³	cu. yd.	kg	lb.	kN	lb.	kN	lb.	mm	in.	
Heavy Duty	610	24	0.24	0.31	268	591	44	9,892	29	6,524	883	34.76	5
	762	30	0.31	0.41	313	691	44	9,892	29	6,524	883	34.76	6
	914	36	0.39	0.51	358	790	44	9,892	29	6,524	883	34.76	7
Ditching	1219	48	0.49	0.64	330	727	64	14,344	33	7,473	907	35.69	0

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.

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Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further informati

75G	85G	Engine
●	●	Auto-idle system
●	●	Batteries (2 – 12 volt)
●	●	Coolant recovery tank
●	●	Single-element 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
●	●	Radiator and oil cooler with dust-protective net
●	●	Glow-plug start aid
●	●	500-hour engine oil-change interval
●	●	70% (35 deg.) off-level capacity
●	●	Isolation mounted
		Hydraulic System
●	●	Reduced-drift valve for boom down, arm in
●	●	Auxiliary hydraulic valve section
●	●	Spring-applied, hydraulically released automatic swing brake
●	●	5,000-hour hydraulic oil-change interval
●	●	Auxiliary hydraulics
●	●	Control pattern-change valve
▲	▲	Hydraulic filter restriction indicator kit
▲	▲	Load-lowering control device
▲	▲	Single-pedal propel control
		Undercarriage
●	●	Planetary drive with axial piston motors
●	●	Propel motor shields
●	●	Spring-applied, hydraulically released automatic propel brake
●	●	2-speed propel with automatic shift
●	●	Upper carrier roller (1)
●	●	Sealed and lubricated track chain
●	●	Undercarriage with blade
▲	▲	Triple semi-grouser shoes, 450 mm (18 in.)
▲	▲	Triple semi-grouser shoes, 600 mm (24 in.)
▲	▲	Rubber crawler pads, 450 mm (18 in.)
▲	▲	Rubber belt, continuous, 450 mm (18 in.)

75G	85G	Upperstructure
●		Counterweight, 1305 kg (2,877 lb.)
	●	Counterweight, 1408 kg (3,104 lb.)
●	●	Right- and left-hand mirrors
●	●	Vandal locks with ignition key: Cab door / Engine hood / Fuel cap / Service doors
●	●	Remote-mounted 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, 2.12 m (6 ft. 11 in.)
▲	▲	Attachment quick-couplers
▲	▲	Buckets: Ditching / Heavy duty / Heavy-duty high capacity / Side cutters and teeth
		Operator's Station
●	●	Meets ISO 12117-2 for ROPS
●	●	Adjustable independent control positions (seat-to-pedals)
●	●	AM/FM radio
●	●	Auto climate control/air conditioner with heater and pressurizer
●	●	Built-in operator's manual storage compartment and manual
●	●	Cell-phone power outlet, 12 volt, 60 watt, 5 amp
●	●	Coat hook
●	●	Deluxe cloth suspension seat with adjustable armrests
●	●	Floor mat
●	●	Front windshield wiper with inter-mittent speeds
●	●	Gauges (illuminated): Engine coolant / Fuel
●	●	Horn, electric
●	●	Hour meter, electric
●	●	Hydraulic shutoff lever, all controls
●	●	Hydraulic warm-up control
●	●	Interior light

75G	85G	Operator's Station *(continued)*
●	●	Large cup holder
●	●	Machine Information Center (MIC)
●	●	Mode selectors (illuminated): Power modes (2) / Travel modes (2 with automatic shift) / Work mode (1)
●	●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-languag capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperatur indicator light with audible alarm, engin oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, 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)
●	●	Auxiliary hydraulic control switches in right console lever
●	●	SAE 2-lever control pattern
●	●	Seat belt, 51 mm (2 in.), retractable
●	●	Tinted glass
●		Transparent tinted overhead hatch
	●	Transparent tinted overhead window
●	●	Hot/cold beverage compartment
▲	▲	Seat belt, 76 mm (3 in.), non-retractable
▲	▲	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
		Lights
●	●	Work lights: Halogen / 1 mounted on boom / 1 mounted on frame

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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 units with standard equipment; 0.31-m³ (0.41 cu. yd.), 762-mm (30 in.), 313-kg (691 lb.) buckets; 450-mm (18 in.) rubber crawler pad shoes; 2.12-m (6 ft. 11 in.) arms; full fuel tanks; and 75-kg (165 lb.) operators; a 75G unit with 1305-kg (2,877 lb.) counterweight; and an 85G unit with 1408-kg (3,104 lb.) counterweight.

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Proposal for Midsized Excavator

Hancock County Administrator
854 Hwy 90
Bay St. Louis, Ms 39520

Justin Strayham
Stribling Eqpt.

Recvd. 12/19/22 @
9:07 AM
KF

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