

Purchasing Department
Madison County Board of Supervisors
146 West Center Street
Canton, Mississippi 39046

601-855-5503
hardy@madison-co.com

2 March 2016

District 1 Supervisor Sheila Jones
District 2 Supervisor Trey Baxter
District 3 Supervisor Gerald Steen
District 4 Supervisor David Bishop
District 5 Supervisor Paul Griffin

Subject: Award bid for Mini Excavator

Dear Board Members:

Bids were opened for one or more mini excavators on March 1. Copies of the bids and a bid tabulation are attached.

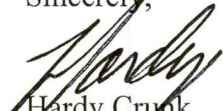
The low cash price bid of \$52,788.47 was submitted by DeViney for a Kubota U55-4; however, the machine does not meet three requirements of the specifications: (1) The specifications require a minimum dig depth of 12 feet. The U55-4 has a maximum dig depth of 11 feet 10 inches, which is two inches short of the requirement. (2) The specifications require a minimum vertical straight wall dig depth of 104 inches. The U55-4 has a maximum vertical digging depth of 59.64 inches, well short of the requirement. I meet with a DeViney representative concerning questions about the U55-4's specifications. He called a Kubota representative in my presence for clarification. The representative stated that the U55-4's printed specifications are calculated in "power mode" and when a "pin" is moved to a different setting that the vertical dig depth is greater. I asked the Kubota representative to provide me with written Kubota specifications detailing the greater vertical dig depth with the "pin" moved to a different setting; however, he was not able to do so. (3) DeViney did not submit its bid on the required county-furnished bid sheet; however, the State Auditor's Office opined that the board could wave that requirement as "not affecting the competitiveness of the bids." Based upon the above Reasons 1 and 2, I recommend that the board reject the bid from DeViney for failure to comply with the specifications.

The lowest cash price bid that complies with the specifications was submitted by Puckett Rents in the amount of \$55,511.53 for a Caterpillar 305.5E2-CR.

Buy Back prices at the lesser of three years or 3,000 hours were requested with the bids. County Engineer & Road Manager Dan Gaillet does not recommend selling the machine back to the winning vendor after three years; therefore, buy back prices were not taken into consideration when determining the "lowest and best" bid.

It is my recommendation that the board find that Puckett Rent's cash price bid of \$55,511.53 for a new Caterpillar 305.5E2-CR is the "lowest and best" bid and furthermore that the board award said bid to Puckett Rents at the cash price of \$55,511.53.

Sincerely,



Hardy Crunk
Purchase Clerk

Attachments: Bids and Bid Tabulation
Specifications
Kubota Specifications

MINI EXCAVATOR BID TABULATION

March 1, 2016

	DEVINNEY KUBOTA U55 REJECT	PUCKETT CAT 305.5E2-CR AWARD	STRIBLING HITACHI ZX50-5	JWH CASE CX55B	LYLE KOMATSU PC45MR	SCOTT ECR58D	DEEP SOUTH JCB 55Z-1 T4
CASH PRICE	\$52,788.47	\$55,511.53	\$56,000	\$61,984	\$66,082.42	\$61,500	\$60,900
BUYBACK		\$33,900	\$38,000	\$42,120	43,614.40		\$31,000



March 1, 2016

Madison County Board of Supervisors

Deviney Rental and Supply would like to submit a bid on a Kubota U55 excavator. This machine is a new and current model and meets or exceeds all specifications. This machine will come with a standard 2 year 2000 warranty. We currently have this machine in stock ready for delivery. Deviney Rental and Supply is a Madison County company and we appreciate the opportunity to serve you.

Kubota U55	\$52,788.47
Quick Attach 24" bucket	
Hydraulic thumb	
Hydraulic Angle Blade	

Delivery (Machine is in stock must install accessories)

Warranty 2 years or 2000 hours

A handwritten signature in black ink, appearing to read "Jonathan McMillan", with a long horizontal line extending to the right.

Jonathan McMillan
Deviney Rental and Supply

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office Madison County

Chancery Courthouse Rooms 225-227, Second Floor 146

West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ 55,511.53 each

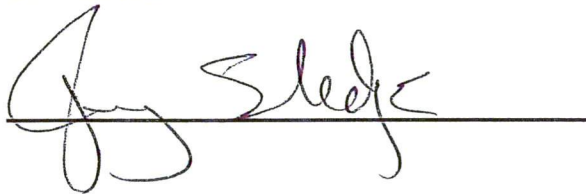
GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ 33,900.00 each

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: PUCKETT RENTS

SIGNATURE OF BIDDER:

A handwritten signature in black ink, appearing to read "Jerry Sledge", is written over a horizontal line. The signature is cursive and somewhat stylized.

BIDDER'S ADDRESS: 406 HWY 49 S

RICHLAND, MS 39218

BIDDER'S TELEPHONE NUMBER: (601)939-5151

BIDDER'S EMAIL ADDRESS: jerry.sledge@puckettrents.com

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

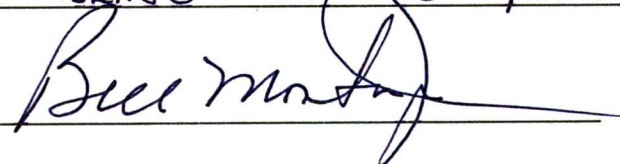
TOTAL DELIVERED CASH PRICE: \$ 56,000.⁰⁰

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ 38,000.⁰⁰

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: STRIBLING EQUIPMENT, LLC

SIGNATURE OF BIDDER: 

BIDDER'S ADDRESS: P.O. Box 6038

JACKSON, MS 39288

BIDDER'S TELEPHONE NUMBER: 601-939-1000

BIDDER'S EMAIL ADDRESS: bmorton@striblingequipment.com

SALES QUOTATION



Salesperson: Bill Morton
 Cell:
 E-mail:

P.O. Box 6038 - Hwy 49 South
 Jackson, MS 39288-6038
 Main Line: (601) 939-1000
 Fax Line: (601) 932-3306

Customer: Madison County	Manufacturer: Hitachi
Contact:	Model: ZX50-5
Phone:	VID #: 00000
Fax:	Serial #: Order
Date: 02/29/16	Expires: 03/30/16

Year: 2016 **Compact Excavator** **Hours:** New

Quantity	Code	Description	Sales Price
	OO60FF	Hitachi ZX50-5 Compact Excavator	\$56,000.00
	3125	400mm Rubber Track	
	4150	Suspension Cloth Seat	
	7120	5'7" Arm	
	8185	Cab w/ Heater and Air Conditioner	
	9555	Angle Blade	
	AT316563G	24" Bucket w/ Teeth	

TRADE INFORMATION	Machine Sale Price	\$56,000.00
	Rental Interest	-
	Down Payment	-
Finance rates subject to credit approval. Finance rates subject to change. I accept this quote with noted revisions. Signature:	TRADE IN + PAYOFF (if applicable)	-
	SUB TOTAL	\$56,000.00
	DOCUMENT FEES	\$0.00
	TOTAL Without Tax	\$56,000.00
Warranty	12 MONTHS, UNLIMITED HOURS + 24 MONTHS, 2000 HRS EXTENDED PT&H	Applicable Tax \$0.00 Total \$56,000.00

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ \$61,984

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ 42,120.00

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: JWH Equipment

SIGNATURE OF BIDDER: W.E. [Signature]

BIDDER'S ADDRESS: 1101 HWY 80 West

Jackson, MS 39204

BIDDER'S TELEPHONE NUMBER: 601-974-8090

BIDDER'S EMAIL ADDRESS: will@jwhequipment.com

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ 66,082.47

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ 43,614.40

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: Lyle Machinery

SIGNATURE OF BIDDER: 

BIDDER'S ADDRESS: 650 U.S. Hwy 49 South

Richland MS

BIDDER'S TELEPHONE NUMBER: 662-809-3888

BIDDER'S EMAIL ADDRESS: ssimmons@lylemachinery.com



March 1, 2016

Madison County Board Of Supervisors

146 West Center Street

Canton, MS 39046

We are pleased to offer the following bid:

One New Komatsu PC45MR-5	\$66,082.42
Buy Back 3 Year or 3,000 Hours	\$43,614.40
(Subject to Buy Back Requirements)	

Cab and Air

Power Angle Dozer Blade

1 Year Unlimited Hour Premier Warranty

Heavy Duty 24" Bucket

Komtrax free for life of machine

We appreciate the opportunity,

A handwritten signature in black ink, appearing to read 'Sam Simmons'.

Sam Simmons

Lyle Machinery

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ 61,500.⁰⁰

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ N/A

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: Scott Equipment

SIGNATURE OF BIDDER: David M. Burnett

BIDDER'S ADDRESS: 3860 I-55 South

Jackson, MS 39212

BIDDER'S TELEPHONE NUMBER: 601-373-4600

BIDDER'S EMAIL ADDRESS: dbrunettie.scottcompanies.com



**SCOTT
EQUIPMENT**
HEAVY-DUTY COMMITMENT

Madison County Board of Supervisors
146 West Center St
Canton, MS 39046

3/1/2016

I am pleased to submit the following Bid to the Madison County Board of Supervisors

2016 ECR58D Compact Excavator with the following attachments

24" Digging Bucket

Price including delivery and manufacturer's warranty

\$ 61,500.00

With the following deviations from the requested specifications;

Because of the efficiency of the ECR58D these deviations do not take away from overall performance:

Machine comes with straight dozer blade

Machine's ground pressure of 4.9 psi exceeds the minimum 4.5psi

Mike Brunetti

Salesman Scott Equipment Company, LLC.

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ 60,900.00

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ 31,000.00

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: DEEP SOUTH JCB

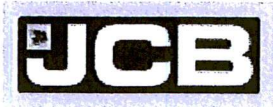
SIGNATURE OF BIDDER: Keith Goodin

BIDDER'S ADDRESS: 340 AIRPORT RD

JACKSON, MS 39208

BIDDER'S TELEPHONE NUMBER: 601-850-1303

BIDDER'S EMAIL ADDRESS: KEITH.GOODIN@DEEPSOUTH-EQUIPMENT.COM



Prepared For:
 MADISON COUNTY
 CANTON
 MS
 fax:fax:

Dealer Information
 Deep South JCB
 340 Airport Road
 Jackson MS 39208
 phone:601-939-9655
 fax:601-939-9655

Prepared By:
 KEITH GOODIN
 keith.goodin@deepsouthequipment.com
 mobile:6018501303
 Quote Date: 03/01/16
 Valid Until: 03/30/16
 Quotation Reference: 112295

Model: 55Z-1 T4

Qty: 1

Equipment Description

55Z-1 MIDI EXCAVATOR: TIER 4F PRIMARY BUILD
 CAB WITH AIRCON (STANDARD GLAS S)
 400MM RUBBER TRACKS
 ISO CONTROL PATTERN: HIGH and LO W FLOW :DOUBLE ACTING AUX T4
 (FOR 4 WAY BLADE)
 VINYL SUSPENSION SEAT (HI-BAC K)
 AMERICAN ENGLISH LANGUAGE PACK : INCLUDES BATTERY ISOLATOR and
 TRAVEL ALARM
 1570MM DIPPER: FOR HIGH FLOW A UX
 4 WAY DOZER BLADE: FOR 400MM W IDE TRACKS:REQUIRES HIGH and LOW
 FLOW AUX
 ROTATING BEACON
 THUMB READY DIPPER:
 600MM GP BUCKET WITH TEETH: NO PIVOT PINS SUPPLIED: 245MM PI N
 CENTRES: 45MM PINS

Equipment Total	60,900.00
Total Customer Sale Price	60,900.00

The above quote supersedes all preceding price quotes.

Customer Acceptance: _____ Date _____

Dealer _____ Date _____



PRESS FIRMLY TO SEAL

PRIORITY[®] ★ MAIL ★

 DATE OF DELIVERY SPECIFIED*

 USPS TRACKING

 INSURANCE INC

 PICKUP AVAILAE

* Domestic only

UNITED STATES POSTAL SERVICE[®]

USPS TRACKING #



9114 9014 9645 0137 76 01

Label 400 Jan 2013
7690-16-000-7948

WHEN USED INTERNATIONALLY,
A CUSTOMS DECLARATION LABEL MAY BE REQUIRED.

FILED
MADISON COUNTY

FEB 29 2016 9 Am

RONNY LOTT, CHANCERY CLERK

BY Carla D.



PS00001000014

EP14F July 2013
OD: 12.5 x 9.5

UNITED STATES POSTAGE



PITNEY BOWES

\$ 000.00⁰⁰

02 1P
0001918673 FEB 26 2016
MAILED FROM ZIP CODE 73664

PRIORITY MAIL
POSTAGE REQUIRED

SENTINEL, OK

FEB 26 2016

USPS



PRIORITY[®] ★ MAIL ★

UNITED STATES POSTAL SERVICE[®]

VISIT US AT USPS.COM[®]
ORDER FREE SUPPLIES ONLINE

FROM:

Wootton New Holland
P.O. 219
SENTINEL, OK 73664

TO:

Madison Co Chancery Clerk
Madison Co. Chancery Courthouse
2nd Floor Rooms 225-227
146 West Center St
Canton, MS 39046

Label 228, July 2013

FOR DOMESTIC AND INTERNATIONAL USE

VISIT US AT USPS.COM[®]
ORDER FREE SUPPLIES ONLINE

UNITED STATES POSTAL SERVICE[®]

MADISON COUNTY BOARD OF SUPERVISORS
ONE OR MORE NEW MINI EXCAVATORS WITH CAB
SPECIFICATIONS AND BID SHEET

ALL BIDS DUE 10 A.M. 1 MARCH 2016

MADISON COUNTY CHANCERY CLERK'S OFFICE

MADISON COUNTY CHANCERY COURTHOUSE

SECOND FLOOR, ROOMS 225-227

146 WEST CENTER STREET

CANTON, MS 39046

BIDS MUST BE SIGNED AND SUBMITTED ON

COUNTY-FURNISHED BID SHEET—NO EXCEPTIONS

UNLESS OTHERWISE NOTED ALL SPECIFICATIONS

ARE STATED AS THE MINIMUM REQUIREMENT

The mini excavator shall be a new, unused current production model of the compact-radius/zero-swing design. It shall have all standard equipment as shown in the manufacturer's printed literature.

OPERATING WEIGHT:

The advertised operating weight of the mini excavator, including standard equipment, lubricants, coolant, full fuel tank, bucket, counterweight, cab, and operator shall be a minimum of 11,000 pounds.

ENGINE:

Engine shall have a minimum power rating of 35 SAE net horsepower at 2,400 RPM

Engine displacement shall be a minimum of 130 cubic inches

Machine shall have auto idle feature

UNDERCARRIAGE:

Excavator shall be equipped with rubber tracks

Undercarriage shall have a minimum overall length of 8 feet of track

Track width (shoe) shall be a minimum of 15.5 inches

Tracks shall have permanently sealed and lubricated (lifetime) track rollers

Grease-type track tension adjustment

Maximum ground pressure of 4.5 PSI

DOZER:

Heavy-duty hydraulically-controlled angle dozer blade

Minimum dozer blade width of six feet

Minimum dozer blade lift above ground level of 14 inches

Minimum dozer blade depth below ground level of 13 inches

OPERATOR COMPARTMENT:

Enclosed cab

Adjustable seat with seat belt

Engine oil pressure gauge or warning light

Hour meter

Fuel -level gauge

Windshield wiper

Air conditioning

Travel alarm

Work lights

Caution light on top of machine

ARM AND BUCKET SPECIFICATIONS:

Minimum arm length of five feet six inches

Minimum dig depth of 12 feet

✓ Kubota doesn't meet

Minimum dig reach at ground level of 19 feet

Minimum dump height / clearance of 154 inches

Minimum vertical straight wall dig depth of 104 inches

Minimum digging force of 4,700 pounds

Minimum bucket digging force of 7,000 pounds

Standard factory-installed thumb bracket on arm

Heavy-duty minimum 24-inch bucket

← Kubota doesn't meet

WARRANTY:

Minimum base warranty of one year or 1,000 hours.

DELIVERY:

Machine must be available for delivery within 30 days of award of bid or else vendor shall provide free use of compatible machine from time of award of bid until delivery of new machine.

BID SHEET FOLLOWS ON NEXT PAGE

BID SHEET

One or More New Mini Excavators

Bid Due Date: 10 A.M. 1 March 2016

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

(Any and All Information on Bid Sheet is Part of the Specifications)

TOTAL DELIVERED CASH PRICE: \$ _____

GUARANTEED BUY BACK AT THE LESSER OF THREE YEARS OR 3,000 MACHINE HOURS:

\$ _____

ALL BIDS MUST BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

BIDDER'S ADDRESS: _____

BIDDER'S TELEPHONE NUMBER: _____

BIDDER'S EMAIL ADDRESS: _____

Equipment World Spec Guide

Kubota U55-4 | Compact Excavators

Weight

Operating weight (metric tons):	5.405
Operating weight (lbs):	11,915 <i>OK</i>

Bucket

Bucket width, min-max (in):	12" - 48"
Bucket capacity, SAE heaped min-max (cu ft):	3.0 - 8.5

Engine

Engine make:	Kubota
Engine model:	V2607
Net hp:	45.2

Hydraulics

Total flow of main pumps, implement & swing (gpm):	39.4
Max relief valve pressure (psi):	3,980

Performance

Arm (stick) length used for dimensions & forces (ft/in):	5' 2"
Max dig depth (ft/in):	<i>144" / 12' 0"</i> 11' 10"
Max depth of vertical wall (ft/in):	<i>104" / 8' 8"</i> 4' 11.6"
Reach @ ground level (ft/in):	19' 6"
Dump height (ft/in):	13' 2"
Boom swing, right/left (deg):	55° / 70°
Bucket digging force (lbs):	11,177
Arm (stick) force (lbs):	6,261
Lift over end, 10' radius @ ground (lbs):	5,290
Lift over side, 10' radius @ ground (lbs):	2,240

Blade

Blade (std, opt, none):	Std
Max blade width (ft/in):	6' 5"

Track

Track shoe or rubber track width (in):	15.7"
Max travel speed (mph):	3.1



COMPETITIVE COMPARISON

FEATURE		KUBOTA U55-4	Bobcat E50	Cat 305E CR	Deere 60G	Yanmar TB153FR
Engine	Engine Model	Kubota V2607	Doosan D24NAP	Cat C2.4	Yanmar 4TNV88	Yanmar 4TNV88
	Horsepower (Net) HP / rpm	45.2 / 2200	45.7 / 2200	40.2 / 2400	26.8 / 2400	38.7 / 2400
	Displacement cu. in.	159.6	146	110	134	134
	Emissions Tier Level (EPA)	Tier 4 Final	Tier 4	Tier 4 Interim	Tier 4 Final	Tier 4 Interim
Dimensions	Overall length in.	216.5	218.7	208.26	217.3	217.7
	Overall height in.	100.39	99.7	100.39	99.6	101.77
	Overall width in.	77.16	77.2	77.95	78.7	78.73
	Tail swing type	Minimal	Minimal	Minimal	Conventional	Minimal
	Tail swing overhang in.	2.55	3.6	4	11.75	4.5
	Min. ground clearance in.	12.2	---	---	13.38	11.8
Working range	Max. digging height in.	219.68	230.3	214.17	236.2	216.14
	Max. dumping height in.	158.26	162.67	154.3	169.68	152.95
	Max. digging radius @ ground in.	234.05	249.3	228.7	---	238.77
	Max. digging depth <i>144"</i> in.	142.32	154.5	144.48	150.78	153.54
	Max. vertical digging depth <i>104"</i> in.	59.64	126	103.5	---	119.29
Hydraulic System	Pump capacity GPM	39.4	36.6	31.5	31.7	42.8
	Number of hydraulic pumps	3	1	---	1	4
	Auxiliary hydraulic flow rate GPM	19.8	20	18.5	23.1	25.6
	Auxiliary relief psi	2490	3045	2734	---	---
	Maximum arm crowd force lbf	6261	5751	4788	6063	5670
	Max. bucket digging force lbf	11177	8977	10050	8267	11093

U55-4



COMPETITIVE COMPARISON							
FEATURE		KUBOTA U55-4	Bobcat E50	Cat 305E CR	Deere 60G	Yanmar TB153FR	
Drive system	Traveling speed	mph	1.8 / 3.1	1.9 / 3.1	1.6 / 2.8	1.6 / 2.6	1.7 / 3.1
	Max. traction force	lbf	14480	---	10161	---	12613
	Track shoe width	in.	15.7	15.7	15.7	15.7	15.7
	Ground contact pressure	psi	4.42 <i>OK</i>	4.1	4.1	---	4.6
Swing system	Unit swing speed	rpm	9.3	9	9	9	10
	Boom swing angle (L / R)	degree	70 / 55	75 / 50	60 / 50	80 / 60	15 / 30
Blade	Blade width x height	in.	77.2 x 16.1	77.2 x 17.6	78 x 14.8	78.7 X 15.0	78.7 / 16.9
	Max. lift above ground	in.	17.3	15.1	15.9	18	12.6
	Max. drop below ground	in.	16.1	18.3	21.85	14	12.8
Capacities	Fuel reservoir	gal.	18	21.1	16.6	31.7	17.2
	Hydraulic reservoir / system	gal.	11.9 / 20.9	4.0 / 14.5	18.0 / 20.6	21.1 / ---	18 / 21.9
Operating weight	Rubber tracks, canopy	lbs.	11915	11195	10836	11349	12450

Comparisons of specifications are based on the latest data available to Kubota at the time of publication.

Kubota reserves the right to change specifications relating to its products without notice.

Competitive information in this section was obtained from competitive websites and product brochures, and is correct to the best of our knowledge.

U55 OPTIONS

STANDARD EQUIPMENT

Safety system

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

Working equipment

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

Operator's Space

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

Engine/Fuel system

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

Undercarriage

- Dozer blade with float
- 400 mm rubber track
- 1 × upper track roller
- 5 double-flange track rollers on each side
- 2-speed travel switch on dozer lever
- 2-speed travel with auto-shift

Hydraulic system

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

Others

- Tool box
- Grease gun holder

OPTIONAL EQUIPMENT

- Cab with A/C
- Canopy lights
- Rear working lights
- Beacon lights
- 1'3.7" (400 mm) steel track for Angle blade model
- Additional auxiliary hydraulic circuit 2 (adjustable max. oil flow control)
- Angle blade with float function and BOE
- Travel alarm

WORKING RANGE

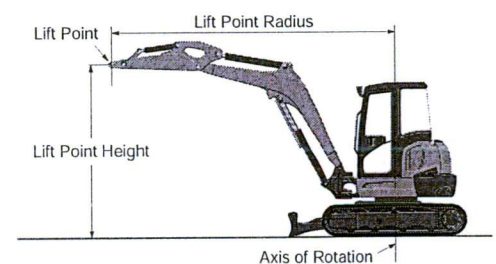
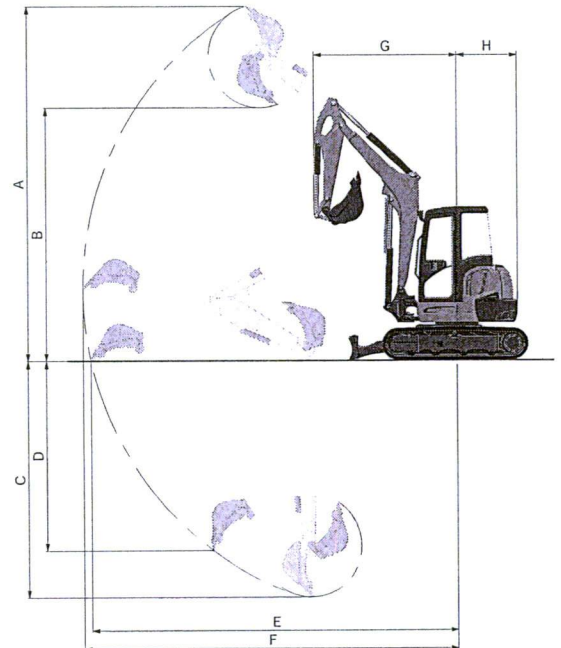
Model			U55-4
A	Max. digging height	ft. in. (mm)	18'3.7" (5580)
B	Max. dumping height	ft. in. (mm)	13'2.3" (4020)
C	Max. digging depth	ft. in. (mm)	11'10.3" (3615)
D	Max. vertical digging depth	ft. in. (mm)	4'11.6" (1515)
E	Max. digging radius at ground	ft. in. (mm)	19'6.1" (5945)
F	Max. digging radius	ft. in. (mm)	19'11.4" (6080)
G	Min. turning radius	W/O swing ft. in. (mm)	8'0.8" (2460)
		W swing ft. in. (mm)	6'9.9" (2080)
H	Min. tail turning radius	ft. in. (mm)	3'5.1" (1045)

LIFTING CAPACITY

Canopy rubber

LIFT POINT HEIGHT (ft)	LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=1000 lbs				LIFTING CAPACITY OVER-SIDE unit=1000 lbs		
	LIFT POINT RADIUS (ft)			LIFT POINT RADIUS (ft)			
	12	16	MAX	12	16	MAX	
10	2.62	-	-	2.07	-	-	
8	2.92	2.51	2.33	2.01	1.27	1.19	
4	3.70	2.70	2.47	1.85	1.22	1.09	
GL	4.07	2.75	2.57	1.74	1.18	1.11	

Machine with canopy and rubber crawler, without bucket

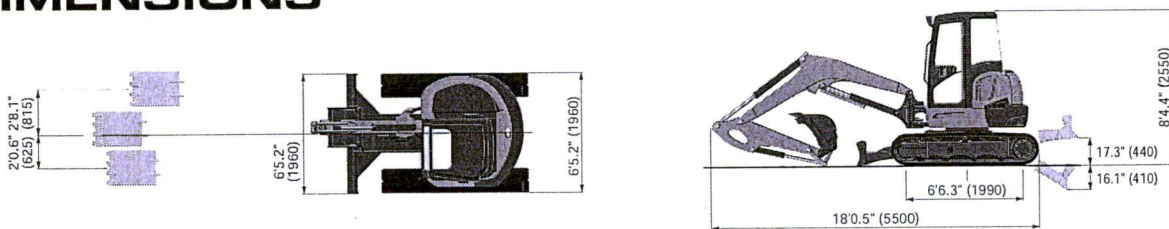


SPECIFICATIONS

Model		U55-4		U55-4 Angle Blade		
Type of ROPS / OPG (TOP Guard, Level I)		Canopy / Cab				
Type of tracks		Rubber		Rubber / Steel		
Engine	Model		V2607-CR-E4			
	Output (SAE J1995 gross)	HP (kW) / rpm	47.6 (35.5) / 2200			
	Output (SAE J1349 net)	HP (kW) / rpm	45.2 (33.7) / 2200			
	Displacement	cu. in. (cc)	159.6 (2615)			
Dimensions	Overall length	ft. in. (mm)	18'0.5" (5500)			
	Overall height	ft. in. (mm)	8'4.4" (2550)			
	Overall width	ft. in. (mm)	6'5.2" (1960)			
	Min. ground clearance	in. (mm)	1'0.2" (310)			
Hydraulic system	Pump capacity	GPM (ℓ/min)	14.8 (56.1) Variable × 2 / 9.8 (37.0) Gear × 1			
	Auxiliary hydraulic flow	AUX1 / AUX2 GPM (ℓ/min)	19.8 (75) / 9.8 (37)			
	Max. breakout force	Bucket / Arm lbs. (kgf)	11177 (5070) / 6261 (2840)			
Drive system	Travel speed	Low / High mph (km/h)	1.8 / 3.1 (2.8 / 4.9)			
	Max. traction force	Low speed lbs. (kgf)	14480 (6567)			
	Tumbler distance	ft. in. (mm)	6'6.3" (1990)			
	Crawler length	ft. in. (mm)	8'2.4" (2500)			
	Shoe width	Rubber / Steel in. (mm)	1'3.7" (400)			
	Ground contact pressure	Rubber Canopy / Cab	psi (kgf/cm ²)	4.42 (0.311) / 4.51 (0.317)		4.58 (0.322) / 4.65 (0.317)
		Steel Canopy / Cab	psi (kgf/cm ²)	-		4.66 (0.328) / 4.74 (0.333)
Swing system	Unit swing speed	rpm	9.3			
	Boom swing angle	Left / Right degree	70 / 55			
Blade	Dimensions	Width	ft. in. (mm) 6'5.2" (1960)			
		Height	ft. in. (mm) 1'4.1" (410)		1'4.7" (425)	
	Max. lift above ground	in. (mm) 17.3" (440)		20.0" (510)		
	Max. drop below ground	in. (mm) 16.1" (410)		18.3" (465)		
Angle	Left / Right degree	-		25		
Hydraulic oil (Reservoir / System)		gal (ℓ)	11.9 (45) / 20.9 (79)			
Fuel reservoir		gal (ℓ)	18.0 (68)			
Operating weight (Including operator's weight @ 175 lbs.)	Rubber Canopy / Cab	lbs. (kgf)	11915 (5405) / 12115 (5495)		12335 (5595) / 12535 (5685)	
	Steel Canopy / Cab	lbs. (kgf)	-		12555 (5695) / 12755 (5785)	

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt for almost all applications.

DIMENSIONS



Unit: ft. in. (mm)

©2013 Kubota Corporation

Kubota®

KUBOTA TRACTOR CORPORATION

Kubota Tractor Corporation, 3401 Del Amo Boulevard, Torrance CA 90503
 Western Division: 1175 S. Guild Ave., Lodi, CA 95240 Tel (209) 334-9910
 Central Division: 14855 FAA Boulevard, Fort Worth, TX 76155 Tel (817) 571-0900
 Northern Division: 6300 at One Kubota Way, Groveport, OH 43125 Tel (614) 835-1100
 Southeast Division: 1025 Northbrook Parkway, Suwanee, GA 30024 Tel (770) 995-8855

Visit our web site at: www.kubota.com

