



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER

DNR212127

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

State Equipment, Inc.

P.O. Box 3939
Charleston, WV 25339
www.stateequipment.com

DIVISION OF NATURAL RESOURCES
WATOGA STATE PARK
ATTN: PARK SUPERINTENDENT
HC82, BOX 252
MARLINTON, WV
24954-9550 799-4087

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/11/2012	NET 30	BEST WAY	DESTINATION	INCL.
BID OPENING DATE: 05/09/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		020-89		\$34700.00
TRACTORS, FARM, WHEEL TYPE						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FROM RESPONSIBLE VENDORS TO PROVIDE A FARM TRACTOR FOR THE GREENBRIER RIVER TRAIL PER THE ATTACHED SPECIFICATIONS.						
ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 04/24/2012 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4 (F) OF THE WEST						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	mark m...	TELEPHONE	304-776-4405	DATE	5-8-12
TITLE	Business MGR	FEIN	550658298	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

RECEIVED

2012 MAY -9 AM 9:57

WV PURCHASING
DIVISION

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR212127

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

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DIVISION OF NATURAL RESOURCES
WATOGA STATE PARK
ATTN: PARK SUPERINTENDENT
HC82, BOX 252
MARLINTON, WV
24954-9550 799-4087

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/11/2012	NET 30	BEST WAY	DESTINATION	INCL.

BID OPENING DATE: 05/09/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
VIRGINIA LEGISLATIVE RULES AND REGULATIONS.						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: 44						
RFQ. NO.: DNR212127						
BID OPENING DATE: 05/09/2012						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
304-252-5325						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
Mark M	304-776-4405	5-8-12
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
BUSINESS MGR	550658298	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
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Request for Quotation

RFQ NUMBER
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ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

RFQ COPY
TYPE NAME/ADDRESS HERE

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DIVISION OF NATURAL RESOURCES
WATOOGA STATE PARK
ATTN: PARK SUPERINTENDENT
HC82, BOX 252
MARLINTON, WV
24954-9550 799-4087

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
04/11/2012				

BID OPENING DATE: 05/09/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
CONTACT PERSON (PLEASE PRINT CLEARLY): ----- MARK MCHENRY -----						
***** THIS IS THE END OF RFQ DNR212127 ***** TOTAL:						\$ 34700.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Mark McHenry</i>	304-776-4405	5-8-12
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
BUSINESS MGR.	550658298	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

TRACTOR SPECIFICATIONS

DNR212127

Massey Ferguson Tractor Model 1660 (60 HP 4x4 farm tractor) or equal:

Engine: Gross HP 60 minimum with PTO; 4 Cylinder; with minimum of 13 Gallon fuel tank.

Automatic clutch transmission.

Wet disc brakes.

PTO: Independent 540

Hydraulics: 17.7 Total gpm flow; 3 Spool rear auxiliary.

Bar tread (ag) tires w/antifreeze fluid.

Full climate controlled cab enclosure.

3 Point Hitch: Category II with 540 PTO; Lift capacity 3,748 minimum; Telescopic bar stabilizers and link ends.

All freight or delivery charges must be included in the price of the tractor.

Delivery must be made within thirty (30) days of purchase order award.

Tractor is to be delivered to:

Watoga State Park
HC 82, Box 252
Marlinton, WV 24954-9550
Watoga Maintenance Area, Beaver Creek Campground, Beaver Creek Road

DNR212127

Manufacturer's Sheet

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding "or equal" brands, please attach manufacturer's literature documenting that it meets the mandatory requirements stated in the specifications. Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the Request for Quotation.

Item	Equipment	Manufacturer	Model
1	Massey Ferguson Tractor Model 1660 or equal	KUBOTA M6040HDC-1	M6040HDC-1

DNR212127
PRICING SHEET

ITEM NO.	QUANTITY	ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1	1	Massey Ferguson Tractor Model 1660 or equal		
TOTALS				\$34700. ⁰⁰

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**

- ☒ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
- ☒ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
- ☐ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,

2. **Application is made for 2.5% resident vendor preference for the reason checked:**

- ☒ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

3. **Application is made for 2.5% resident vendor preference for the reason checked:**

- ☐ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

4. **Application is made for 5% resident vendor preference for the reason checked:**

- ☒ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

- ☐ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,

6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

- ☐ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

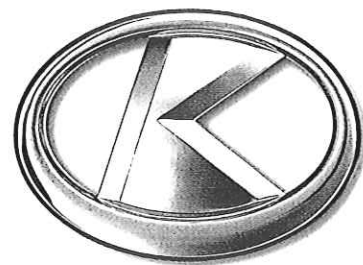
Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: STATE EQUIP., INC. Signed: Mark McCall

Date: 5-8-12 Title: Business MGR

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

Kubota



KUBOTA DIESEL TRACTOR

M

M5140/M6040/M7040 M8540/M9540

A full-scale model change introduces a re-engineered and redesigned M-Series, ergonomically designed to provide optimal performance and comfort.



State Equipment Inc
137 Cliftop Drive
Beckley WV 25813
304-252-5300

M-SERIES



That's because there's never been a tractor just like this. This is the new M-Series. With the new M-Series, high performance and affordability blend to bring you a line of tractors that can tackle just about anything you throw at it. Kubota has recreated one of its most durable and affordable models with a totally redesigned cab and hood, new direct injection engines, powerful front loaders and a host of ergonomic improvements. The M-Series is perfect for baling and cutting as well as cattle, dairy and many more applications. Take one for a test drive and you'll be convinced.

Not all models have work lights and canopy as shown on HOPS models.



KUBOTA DIESEL TRACTOR

M5140/M6040/M7040
M8540/M9540

A brand new M-Series from top to bottom, inside and out.

Newly Designed Ultra Grand Cab

The cab of our M-Series tractors has been completely redesigned. Rounded glass on the cab gives the operator more room and greater visibility. The height of the cab offers more headroom, and most of the levers and switches have been moved to the right side console for easier access. For greater visibility, the exhaust pipe has been relocated and the windshield now boasts a pantograph wiper.

Heater/Air Conditioner

The heater and air conditioner have been improved for the new M-Series. We've relocated the air outlets to the dash tower to keep you cooler in the heat and warmer in the cold by optimizing the air flow around the operator.

LCD Readout

A new LCD readout makes viewing travel speed, PTO revolution and hour meter information clear and easy.

Independent PTO

The Hydraulic Independent PTO helps you increase productivity. The M-Series comes with a standard 540 rpm Hydraulic Independent PTO (1,000 rpm is optional on M8540/M9540).

3-Point Hitch

The Category I & II (M5040/M6040/M7040) and Category II (M8540/M9540) 3-point hitches provide fast and simple attachment of rear-mounted implements. Two external hydraulic cylinders provide equal lifting force and smooth transfer of hydraulic power for easy operation.

Hydraulics

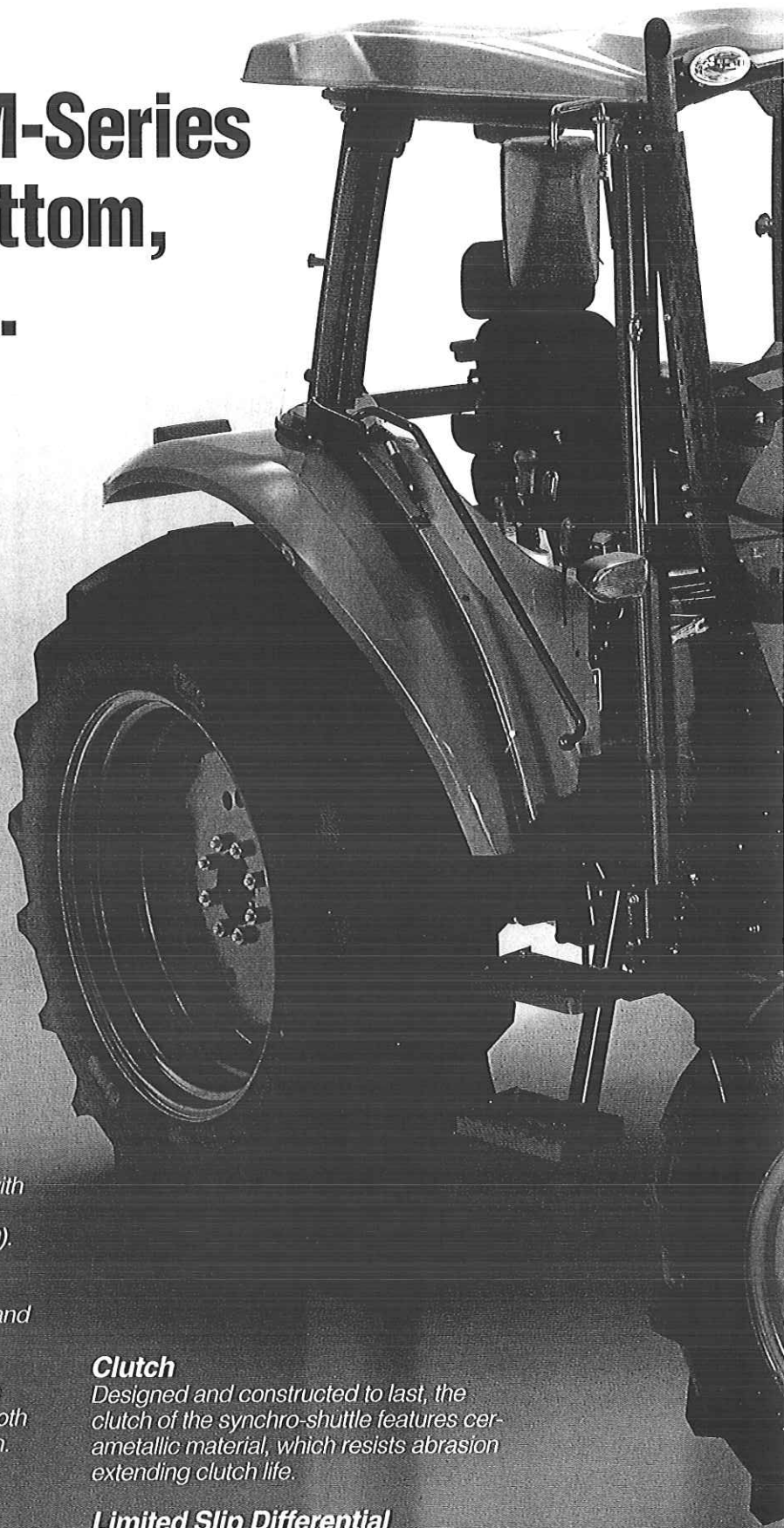
The M-Series' hydraulic pumps are now located on the side case instead of on the engine. This shortens the oil flow path increasing efficiency.

Clutch

Designed and constructed to last, the clutch of the synchro-shuttle features cerametallic material, which resists abrasion extending clutch life.

Limited Slip Differential

The standard Limited Slip Differential (M7040/M8540/M9540) helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip.





E-CDIS and E-TVCS engines

Kubota's revolutionary new center-direct injection system (E-CDIS) engines offer more durability, power and fuel efficiency. The three vortex combustion system (E-TVCS) indirect injection diesel engine also provides greater power and higher torque with low noise and vibration.

New Hood Design

The sleek new slanted steel hood design of the M-Series offers greater visibility over the hood especially during loader operation. Not to mention that it looks pretty great too.

F8/R8 Transmission

Synchronized four speeds of the main shift and a high/low range supply tractors with 8 Forward and 8 Reverse speeds.

F12/R12 Transmission (Factory option)

For heavy-duty work the hydraulic-shuttle models of the M8540 and M9540 can be equipped with an F12/R12 transmission.

F24/R24 Transmission with Dual Speed (Factory option)

The Dual Speed feature provides instant upshift and downshift. If the load increases while in the Hi position, a simple press of the Dual Speed button will reduce speed and increase engine torque.

(Please refer to the back of this catalog for more information.)

Hydraulic Shuttle (Hydraulic Shuttle models)

Shifting between forward and reverse is seamless and smooth with our new and improved M-Series Hydraulic Shuttle. A column-mounted lever with left-hand operation makes shifting easy. And when attaching implements, our improved inching feature is easy to perform, giving you the same feel as a half-clutch operation.

Synchronized Shuttle (Synchronized Shuttle models)

Shifting has never been easier. The M-Series' synchro-shuttle with left-hand operation permits quick changes between forward and reverse, increasing overall productivity.

Easy to shift 4WD Engagement (4WD models)

Stay productive by switching the 4-wheel drive on and off without stopping, even when moving out of a field onto a road. One simple switch does it all. F24/R24 Dual Speed model has electric-over-hydraulic 4WD engagement.

Bevel-Gear Front Axle (4WD models)

The bevel-gear front axle provides the M-Series with better all-around maneuverability, especially for jobs in tight spaces. The greater front-axle oscillating angle also offers increased lateral operation on uneven terrain.

Looks aren't everything. So we've made it more comfortable, ergonomic, practical, durable and spacious too.

NEW DESIGN

New Hood Design

The sleek new slanted steel hood design of the M-Series looks great, but there's far more to it than meets the eye. It offers greater visibility over the hood of the tractor allowing you to see a greater field of view especially during loader operation. This hood can also be easily opened to provide convenient maintenance of the engine, AC condenser, radiator and air filter.



Headlights

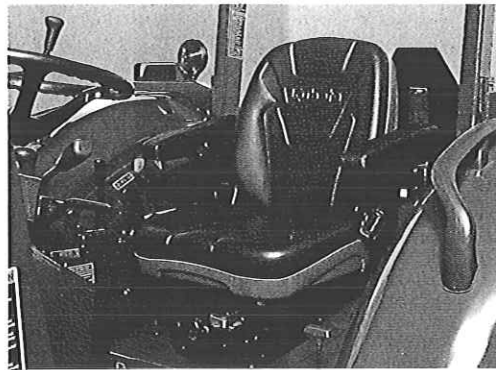
The M-Series now comes with halogen lights with corner lamps. These lights are not only more efficient; they also provide more illumination from dusk to dawn.



Note: Loader joystick is not standard. Comes packaged with loader valve.

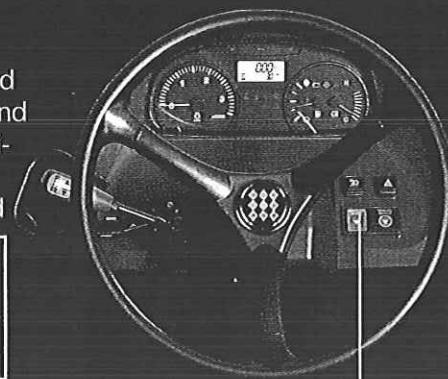
Re-Engineered Seats

Reclining, weight-adjusted seats are standard equipment on all M-Series models. These comfortable seats were specifically designed to absorb shock, significantly reducing operator fatigue. We've also added a convenient manual holder in the seat back. (ROPS model)



LCD Readout

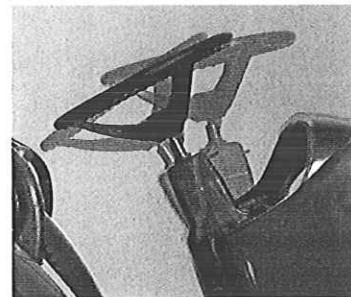
A new LCD readout makes viewing vital functions of your M-Series tractor clear and easy. View travel speed, PTO revolution and hour meter information digitally. LED illumination type analog indicators include a large tachometer, temperature gauge and fuel gauge. A battery warning light and a 4WD indicator have also been added to the M-Series.



Menu button

Improved Steering Wheel and Column Design

The tilt steering column of the new M-Series boasts a couple new features. Designed to accommodate operators of many different sizes, the wheel and shuttle lever tilt together. To complement this feature, an easy-to-use foot pedal has also been added.



Flat Deck (ROPS model) Full-Flat Deck (Cab model)

When operating a tractor, space comes at a premium. The M-Series flat deck neatly repositions most of the operational levers, including main shift and range lever, auxiliary control lever, hand-throttle, position draft control lever and PTO clutch lever, to the right of the seat. This offers the operator more legroom and is far more comfort.

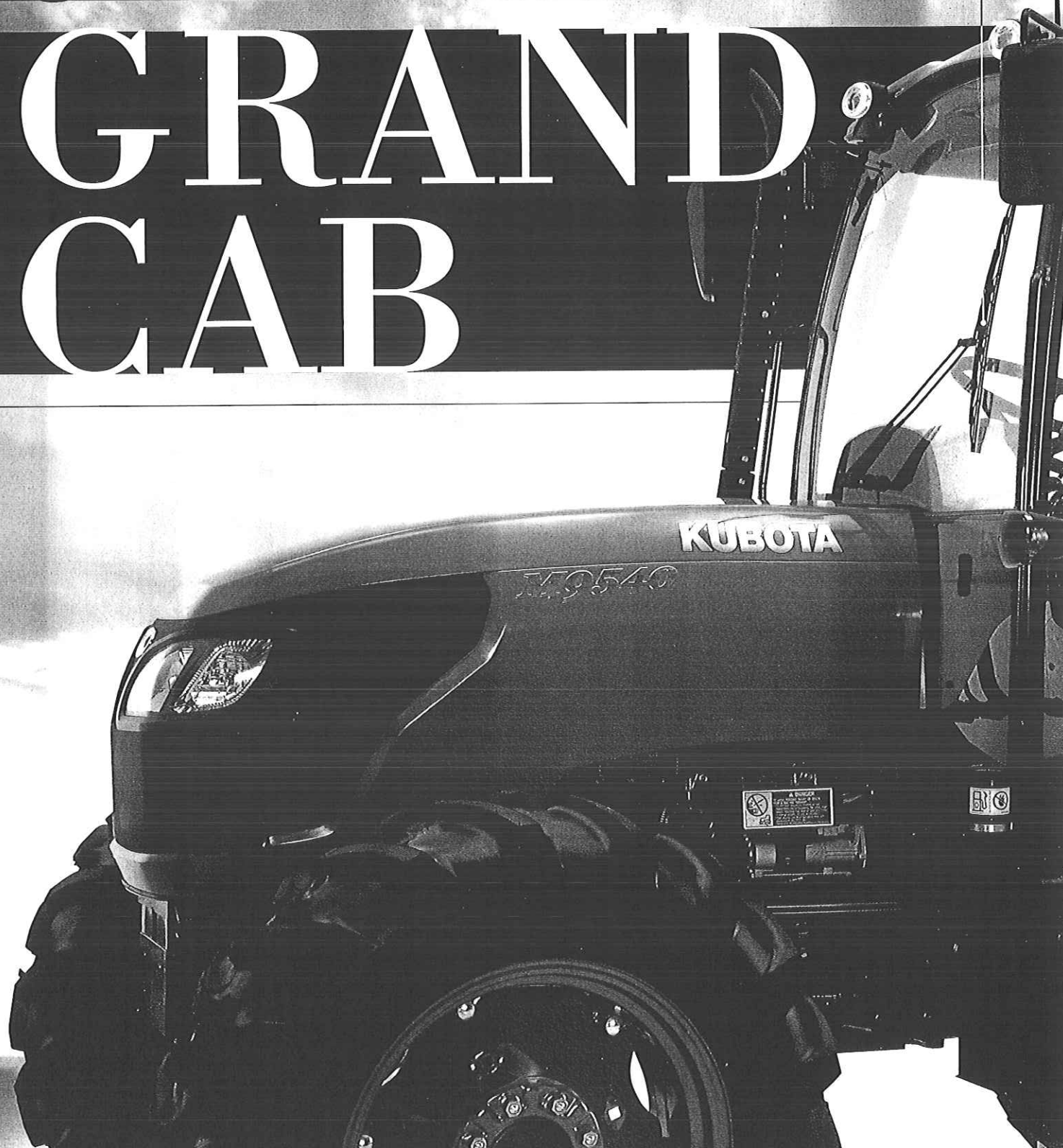


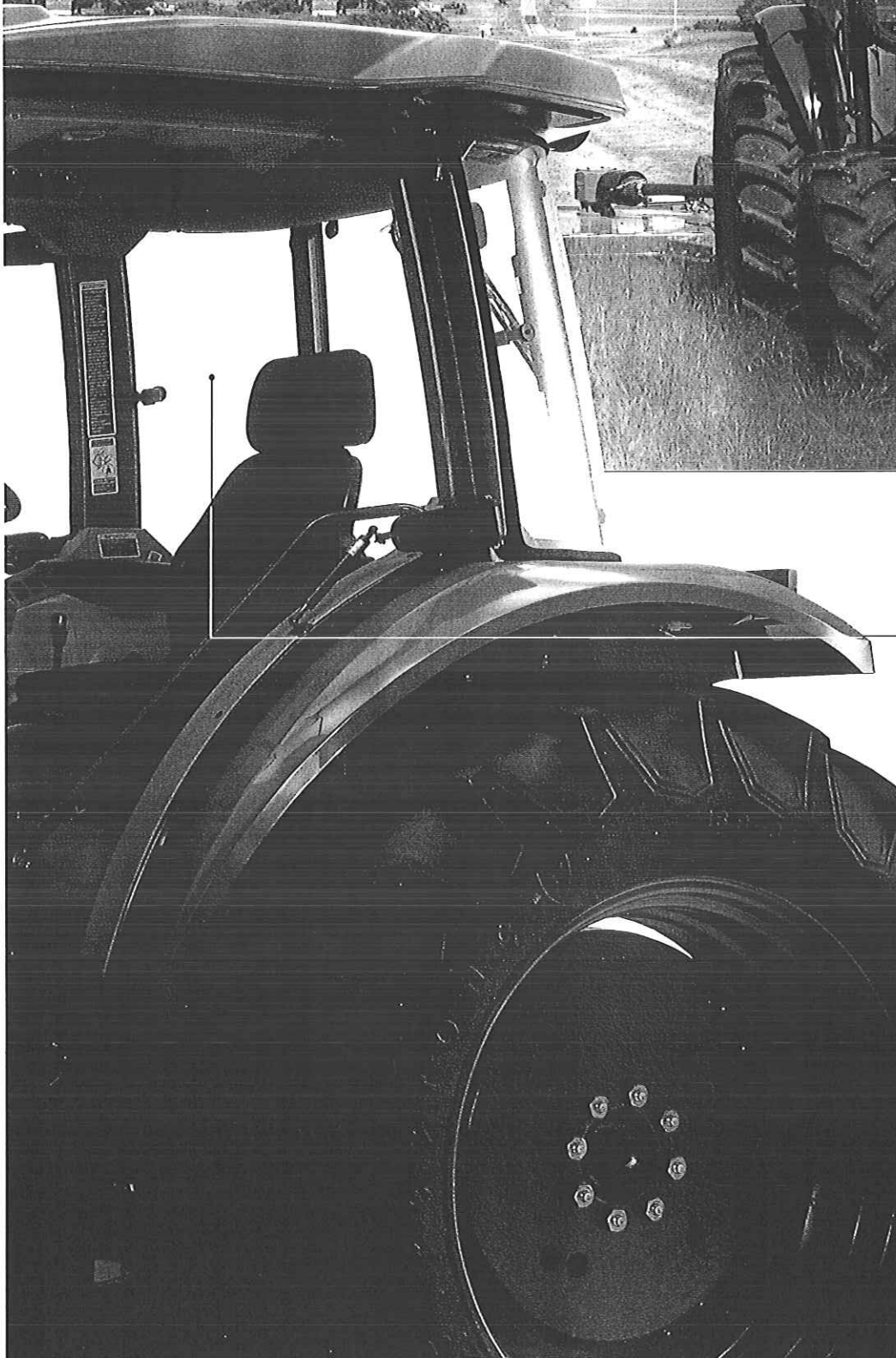
More space and more visibility make
our cab a great place to work.

Front Wiper

To increase visibility on rainy days and to increase operator safety, the M-Series has a pantograph style front wiper. The unique design of this wiper gives it a wider coverage area.

ULTRA GRAND CAB





Rounded Glass

We've rounded the cab glass of our M-Series tractors increasing the length of the cab by 2 inches and the width by 6.3 inches. This change provides the operator with more visibility and a more spacious feel—ideal for long days inside the cab. Furthermore, we've increased the glass coverage area on the cab door, which makes it easier to get in and out of the cab.

Wide Fenders

Wider and rounded steel fenders protect the operator from mud splashes and are equipped with large handles on both sides for easy mounting and dismounting.

Corner Post Exhaust Pipe (Cab model)

The exhaust pipe on the M-Series has been repositioned along the right side of the cab providing the operator with a clear and unobstructed field of view.

Cab Headroom

The arched beam in the front of the cab and relocated A/C components allowed M-Series designers to extend the height of the roof. This feature not only increases headroom, it also increases overall visibility, especially while using the loader.

ULTRA GRAND CAB

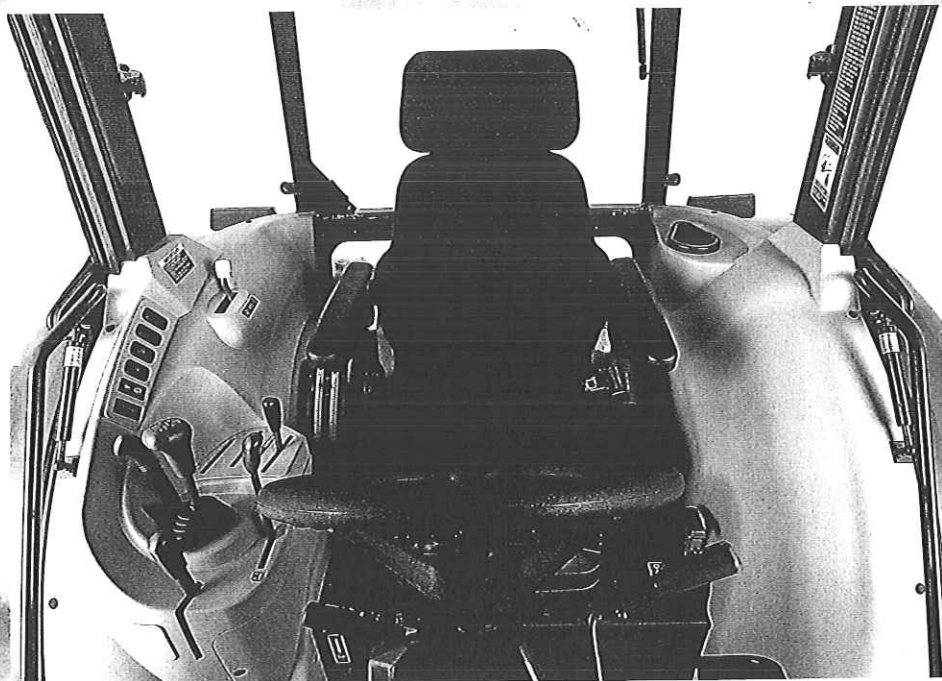
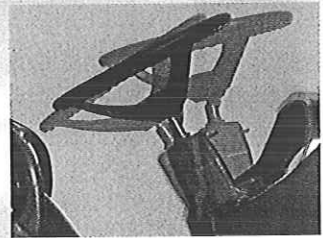


Newly Designed Ultra Grand Cab

The innovative and stylish design of the new M-Series cab gives the operator a more comfortable and spacious year around environment.

Easy-Step Tilt Steering Wheel

The steering wheel of the cab gets out of the way when the operator is dismounting the tractor. Just step on a pedal and raise the steering wheel to its original position.



Control Lever Location

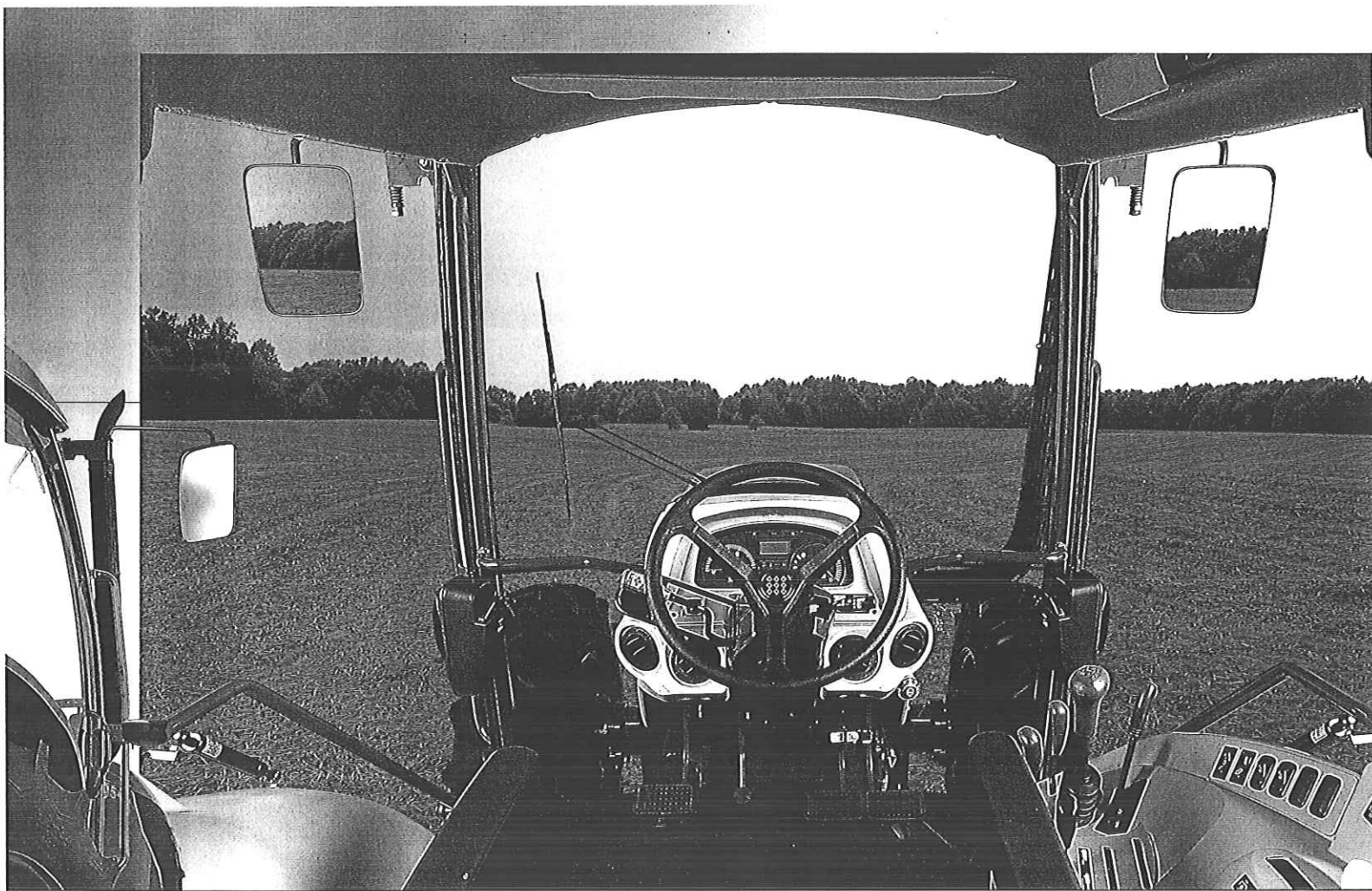
All levers are on the right side console for easy access. (except 4WD lever).

Switch Location

For operational continuity, all electrical switches are also located on the right side console.

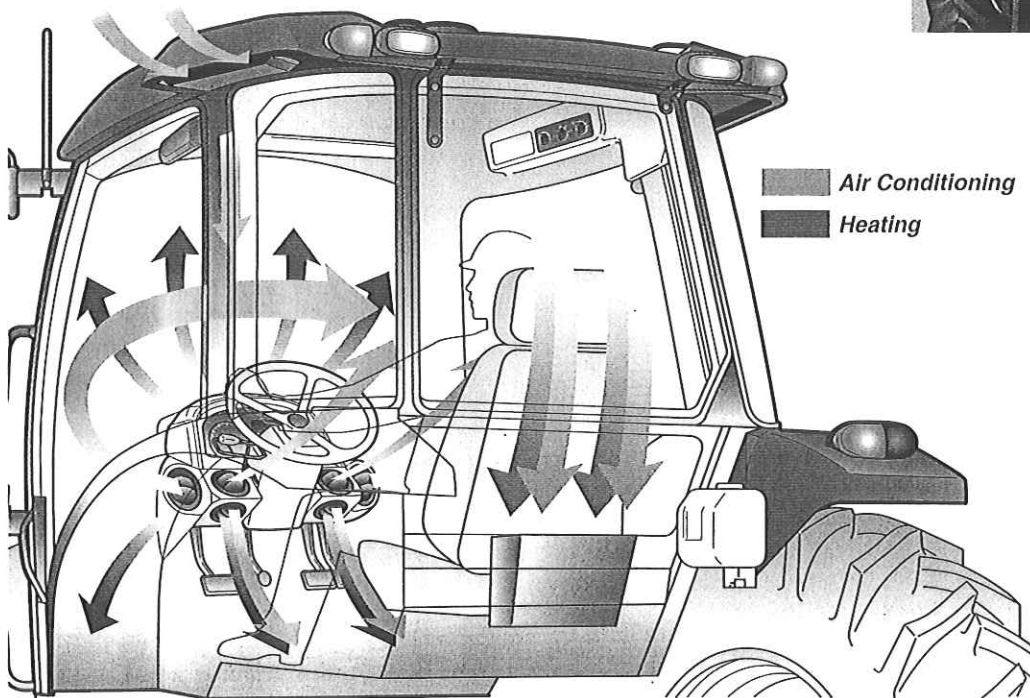
Layout

The layout of all controls and levers were carefully considered to offer the operator the most ease of use.



Heater/Air Conditioner

The heating and cooling unit is now located under the seat. The overall air circulation in the cab has been optimized by the cab's rounded glass as well as by placing the air outlets in the dash tower to keep you cooler on hot summer days and warmer on cold mornings, for year around environment control.



Standard Equipment

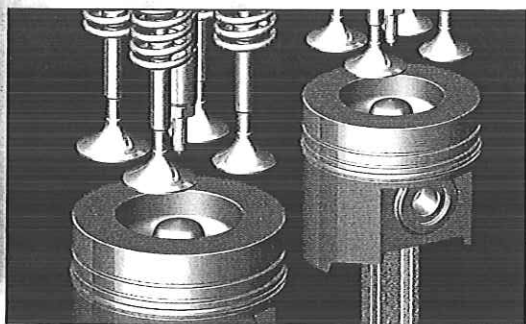
- Front halogen work lights
- Front windshield wiper and washer
- Rear halogen work lights
- Interior dome light
- External left and right mirrors
- Sun visor
- Cup holder
- Cigarette lighter
- 7-pin trailer coupler

Options

- Rear wiper and washer
- Rear defogger (not available for M5140)
- 80 amp alternator (not available for M5140)
- Air ride seat suspension
- CD/radio with weather band
- Cassette radio with weather band

Brand new engines give the M-Series more power, better performance and excellent fuel economy.

NEW ENGINE



4-valve, Center-Direct Injection System

E-CDIS and E-TVCS Engines

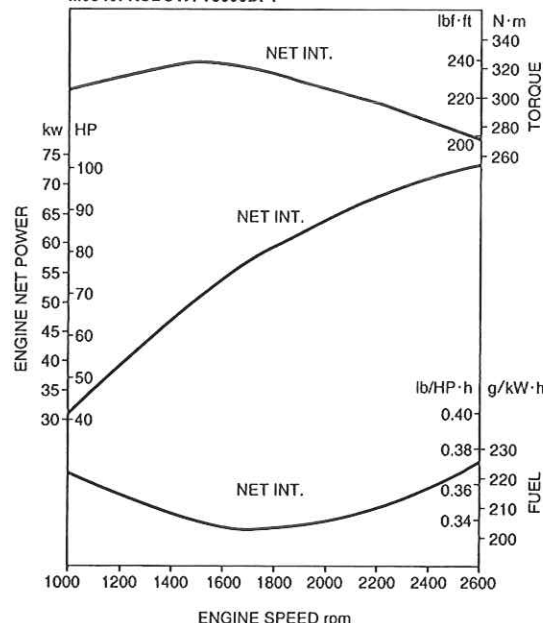
The M6040, M7040, M8540 and M9540 tractors are equipped with Kubota's revolutionary center-direct injection system (E-CDIS) engines that offer more power, durability and better fuel efficiency. These engines also boast lower noise levels for less stress and fatigue. The M5140 tractor's E-TVCS (Three Vortex Combustion System) indirect injection diesel engine also provides greater power and torque with low noise and vibration.

V3800DI-T

The 230 cubic inch (3.8L) V3800DI-T comes standard on both the M8540 and M9540 tractors. This hearty diesel engine employs a reliable 4-valve, center-direct injection system to achieve greater towing power. Combine this with the V3800DI-T's turbo charger and you have all the power you'll ever need, especially in the low rpm range, to perform heavy-duty tasks and during operations requiring sure-footed traction.



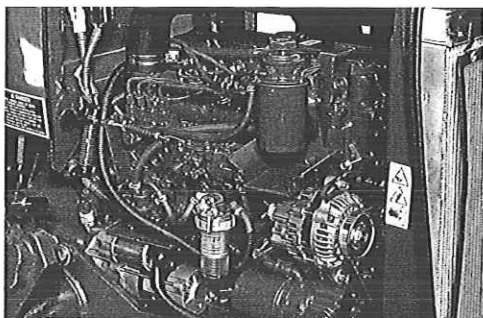
M9540: KUBOTA V3800DI-T



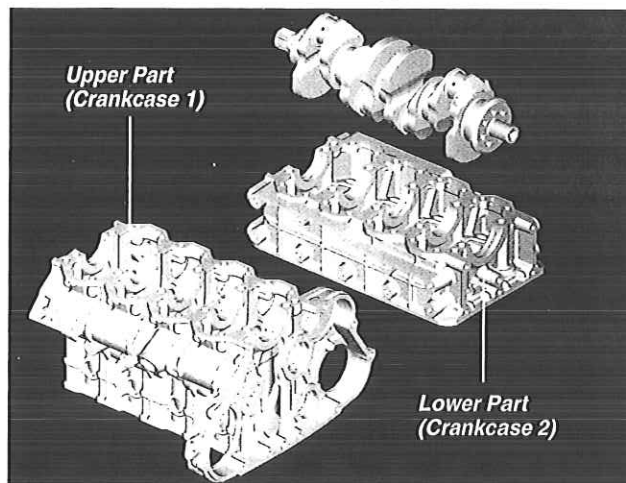


V2403-T and V3307-DI

Kubota engines produce greater power, increased efficiency and decreased emissions. The V2403-T and V3307-DI are compact but powerful diesel engines providing an increased displacement of 148 cubic inches (2.4L) and 203 cubic inches (3.3L) respectively. The M-Series tractors equipped with these high performance powerhouses provide high torque rise giving them the ability to take on even the most heavy-duty applications.



Ladder frame crankshaft support structure



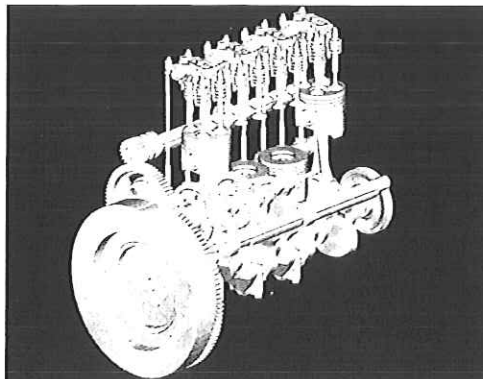
Interim Tier IV/ Tier III Emission Regulations

The new and cleaner engines of the Kubota M-Series tractors comply with Interim Tier IV/ Tier III EPA emission regulations.

Low Noise and Low Vibration

To help reduce operator fatigue and stress, the V3307-DI has been specially designed to minimize noise and vibration. This is accomplished through several innovative technologies. Noise is reduced through a ladder frame crankshaft support, giving the engine a stiffer structure and thus lower noise. Also a gear train on the flywheel side reduces the gear chattering noise caused by crankshaft torsion and bending. Vibration is lowered through the application of compact, built-in balancers.

Gear train configuration





Hydraulic Shuttle (Hydraulic Shuttle models)

Better than ever, our Hydraulic Shuttle for the M-Series makes shifting between forward and reverse smooth and quick. With the Hydraulic Shuttle, a column-mounted lever, conveniently located next to the steering wheel, does all the work. Boost productivity, especially while using loaders, by eliminating the need to depress the clutch every time you change directions. And when attaching implements, our improved inching feature is easy to perform, giving you the same feel as a half-clutch operation.



Synchronized Shuttle (Synchronized Shuttle models)

Shifting between forward and reverse is made quick and smooth with the M-Series synchro-shuttle, located within easy reach of the steering column. The M8540 and M9540 also offer greater durability with a new, larger diameter cerametallic clutch.

Hydraulic Wet Disc Brakes (M8540 & M9540)

To decrease operator effort and increase overall tractor longevity, the Kubota M8540 and M9540 now come standard with Hydraulic Wet Disc Brakes. These brakes require less pedal effort and retain high performance efficiency even after repeated heavy-duty work.

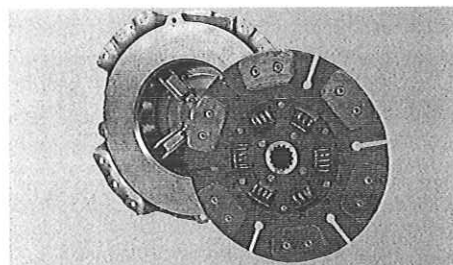
Transmission Parking Lock (M8540 & M9540)

An easy-to-operate transmission parking lock, located beside the main shift, is now independent from the main brakes. This lock is highly durable and reliable, providing precise parking on any terrain.



Clutch

Built to extend clutch life, the main clutch in the synchro-shuttle transmission features cerametallic material of superb abrasion resistance. The clutch diameter is 10.8 in. (275mm) on the M6040 and M7040, and 12.8 in. (325mm) on the M8540 and M9540. The M5140's organic disc clutch has a diameter of 10.8 in. (275mm).



Limited Slip Differential (M7040, M8540 & M9540)

Limited Slip Differential on the front helps you maintain a stable travel speed should the drive wheel on either side of the tractor slip. A standard feature on the M7040, M8540 and M9540, Limited Slip Differential is perfect when reliable traction is essential.

Easy to shift 4WD Engagement

Switching the 4-wheel drive on and off is easy and quick, and done with one simple lever. Best of all, there's no need to stop the tractor even when moving out of a field onto a road, so you can stay productive. The 4WD indicator on the LCD readout lets you know you're in 4WD.



(Do not engage while carrying heavy loads, or when rear wheel is spinning.)

The M-Series shifts into high gear with more transmission options and smoother operation.

TRANSMISSION

M8540/M9540 Cab Models

F8/R8 Transmission

Synchronized four speeds of the main shift and a high/low range supply tractors with 8 Forward and 8 Reverse speeds. The main shift allows you to shift "on the fly" making operation smooth. Tailor this transmission to your needs by choosing from a hydraulic or synchronized shuttle transmission.



M5040/M6040/M7040 ROPS Models

F12/R12 Transmission

(Factory option on M8540/M9540 Hydraulic Shuttle models)

For heavy-duty work such as plowing, hay work and heavy trailer applications the hydraulic-shuttle models of the M8540 and M9540 can be equipped with an F12/R12 transmission. This transmission features six speeds of the main shift and a high/low range giving it a total of 12 Forward and 12 Reverse speeds.

M9540 TRAVELING SPEED (F8/R8 with creep speed, 18.4-30 rear tires) @2600rpm

Range	Gear	5	10	15	20 (mph)
Creep (option)	C 1				
	C 2				
	C 3				
	C 4				
Low range	1				
	2				
	3				
	4				
High range	5				
	6				
	7				
	8				

M-Series Tractors give you the power, durability and longevity to take on just about any job you throw at them.

HEAVY DUTY

Hydraulics

The hydraulics on the M-Series are state-of-the-art. External hydraulic cylinders improve the lifting power and offer easier maintenance. The M-Series offers a large pump capacity of 17gpm (M8540/M9540). As a result, the front loader cycle times are short, increasing productivity and facilitating operation. One (SCD) hydraulic remote valve is standard, with the option to add up to 2 more, plus an optional flow control valve to control the oil flow volume.

Bevel-Gear Front Axle

The bevel-gear front axle provides the M-Series with greater all-around maneuverability. It enables M-Series tractors a tighter turning radius than ever before, an amazing 55 degrees. This makes easy work of jobs in tight spaces. The front-axle oscillating angle is also 20% greater offering increased stability on uneven terrain. Limited Slip Differential on the front (M7040/M8540/M9540) and Differential Lock on the rear are standard features, offering increased stability and traction on challenging ground conditions.





Hydraulic Independent PTO

Pulling, lifting, cutting or baling; the standard 540 rpm hydraulic independent PTO (1000 rpm is optional on M8540/M9540) of the Kubota M-Series tractors makes your toughest work easier. Self-modulation engagement with a light touch means implements like a rear cutter engage smoothly. The PTO brake engages when the clutch is shut off and securely holds the PTO shaft. The PTO clutch can be hydraulically engaged and disengaged on the go. This means mowing, operating hay equipment or spraying orchards are all made more efficient.

3-Point Hitch

The Category I & II (M5040/M6040/M7040) and Category II (M8540/M9540) 3-point hitches provide fast and simple attachment of rear-mounted implements. On the M5040, M6040 and M7040 the capacity is 3307lbs (1500kg) and on the M8540 and M9540 it is 4630lbs (2100kg), with an option of 7275lbs (3300kg).

Floating Lift Rods

Floating lift rods are standard on both sides of the M8540 and M9540. Floating lift rods give the M-Series tractors a smoother ride and enhanced traction while using the 3-point hitch, especially on uneven terrain.

Telescopic Lower Link Ends

The telescopic lower link ends, standard on all M-Series models, further facilitate implement attachment.

High Capacity Option

Large diameter cylinders boost lifting power by as much as 50%—perfect for large implements and larger farm uses. They are optional on M8540 and M9540 models (standard on HD12/HDC12 12-speed models and HD24-speed models).

The M-Series Front Loader puts power and visibility front and center.

All New Design

The Kubota M-Series Front Loader has undergone a full model change. The new loaders have dramatically increased lifting power, perfect for farm use. Its design has also been fully integrated into the new tractor design with a slanted boom to match the tractor's hood. This not only gives the M-Series a sleeker look it supplies the operator with more visibility and clearer sight lines to the bucket and loader sides.

FRONT LOADER

Frame

The frame of the front loader maintains its sturdy, thick steel frame, but its design has been simplified by removing braces and connectors. This helps to lessen effort and shorten the time it takes to attach the loader and offers increased visibility.



Lifting Power and Height

Two separate boom cylinder fulcrum points (Power position and Height position) give you the option to increase the M-Series Front Loader lifting power or height based on your needs. When using the pallet fork or bale spear you may want to set the fulcrum to give you more height. For bucket work, a lower setting offers more power.

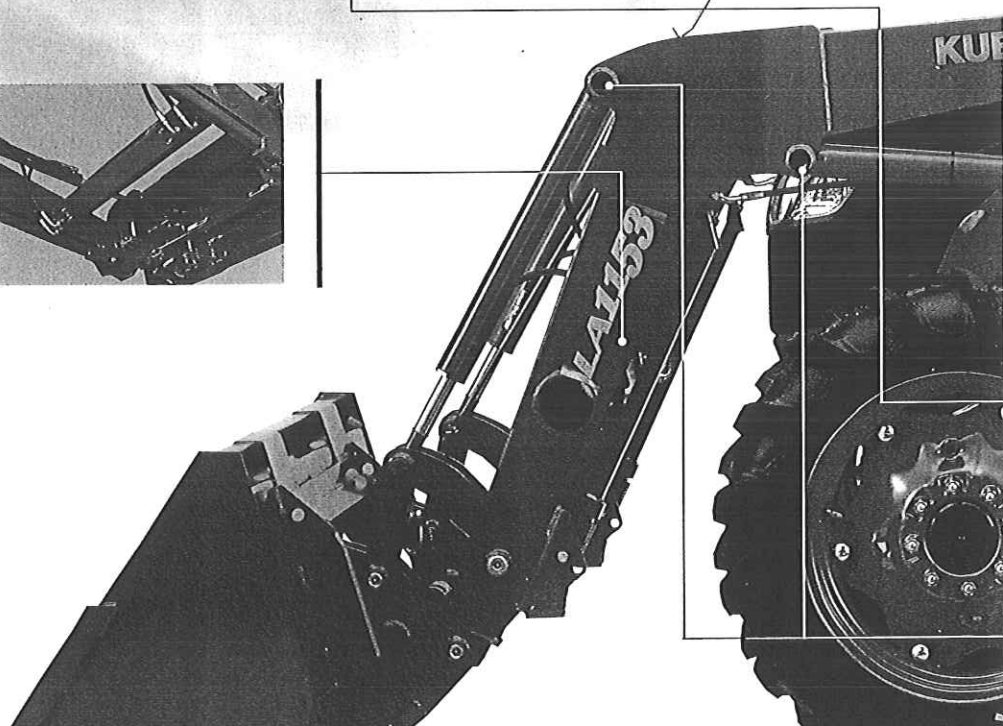
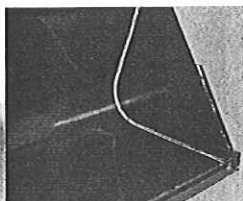
Protected Cylinder Tubes

To better protect the tractor hydraulics and offer the operator more visibility, the hydraulic tubes are neatly tucked inside the loader boom. Hydraulic tube covers further provide protection from wear and tear.



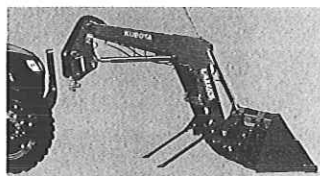
Improved Bucket

Some recent improvements in the loader bucket include a round back, which increases durability and makes dumping sand and soil easier. Standard bucket size is 72"; large capacity buckets (for LA1353 only) are 84".



Quick-Mount Attach/Detach

Attach or detach the front loader in moments without the use of tools. The boom stands and mounting pins make this task a snap, allowing an extra measure of productivity and tractor versatility. A single-lever Hydraulic Quick Coupler (option), available for the loader's hydraulic fittings, allows you to release all four lines at once.

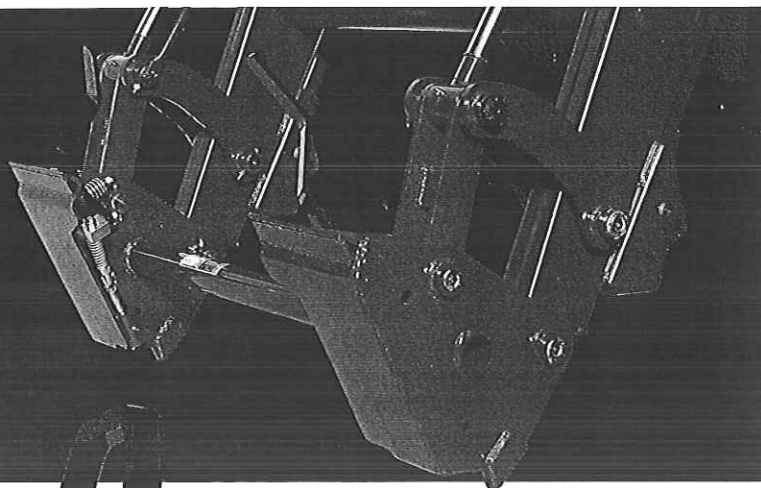


Quick Coupler

This standard M-Series feature makes attaching buckets, bale spears and pallet forks quick and easy.

4-Bar Linkage

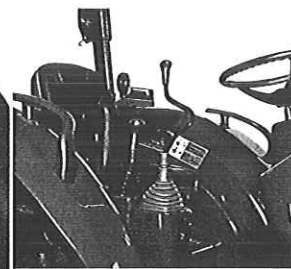
Thanks to an upgraded 4-bar bucket linkage, the rollback and dumping angle has been increased for quicker scooping and dumping.



Joystick Control

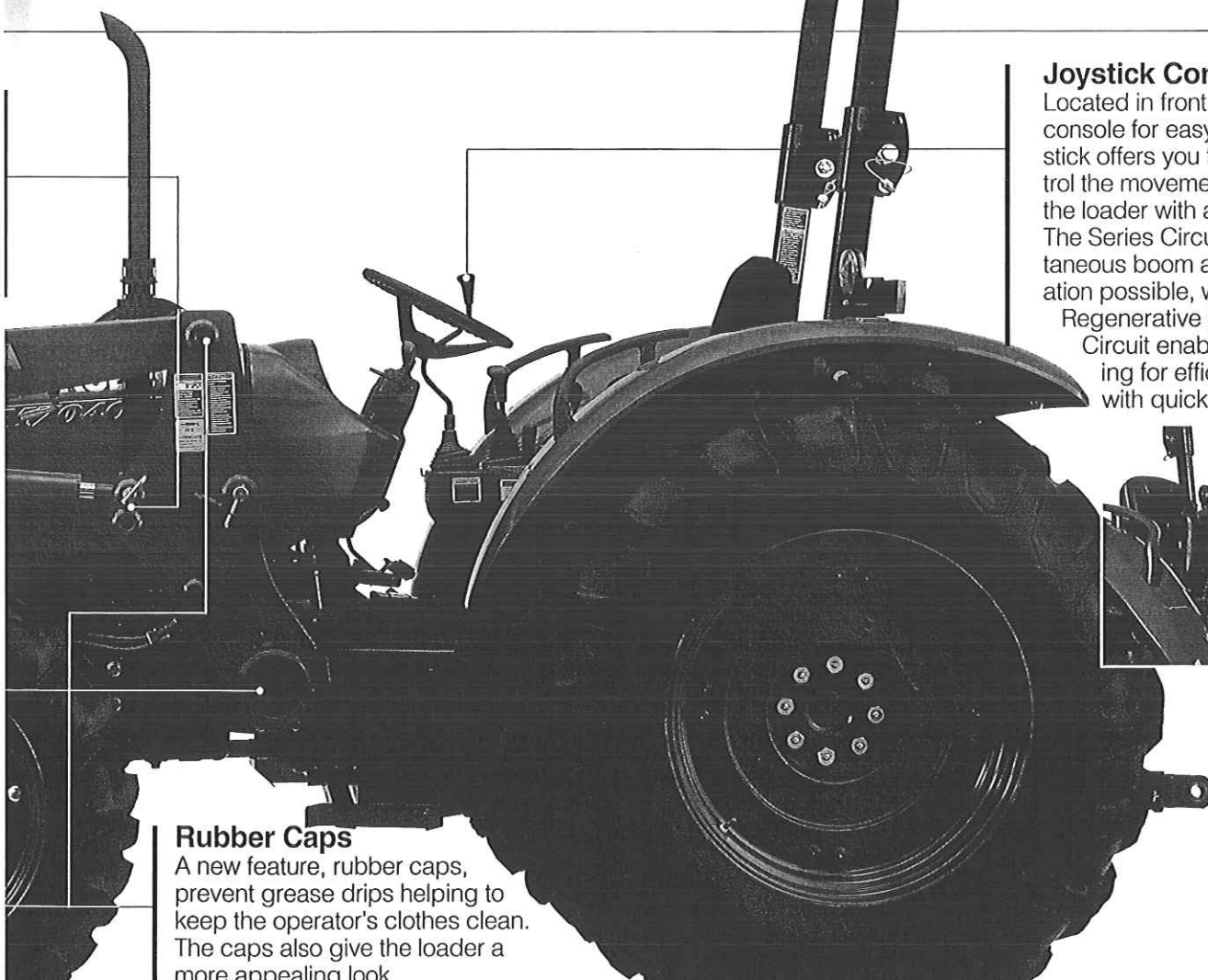
Located in front of the control console for easy access, the joystick offers you the ability to control the movement and speed of the loader with a single lever. The Series Circuit makes simultaneous boom and bucket operation possible, while the

Regenerative Bucket Dump Circuit enables quick dumping for efficient operation with quick cycle times.



Rubber Caps

A new feature, rubber caps, prevent grease drips helping to keep the operator's clothes clean. The caps also give the loader a more appealing look.



FRONT LOADER OPTIONS

Hydraulic Self-Leveling Valve

This optional feature allows the operator to raise or lower the loader boom while keeping the bucket level to the ground. This will help prevent spills when carrying soil or sand and will make pallet handling smooth and easy. This function can be switched off for times when bucket angles are more advantageous, for instance, during excavation.

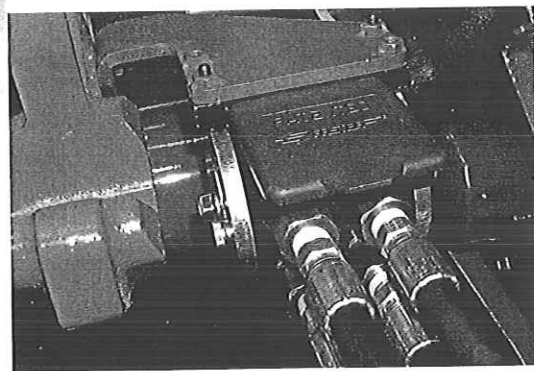
Kubota Shockless Ride (KSR)

The KSR absorbs loader shock and reduces operator fatigue. This option is perfect if your tasks include a great deal of tight turns or lifting and dumping of heavy loads. It effectively takes the "bounce" out of handling round bales.



Single-Lever Hydraulic Quick Coupler

The optional quick coupler allows the operator the ability to attach all four hoses at once. This makes attaching and detaching quick and easy, even when you're doing it often.



3rd Function Valve

The optional 3rd function valve broadens the scope of the front loader operation by enabling the use of a grapple bucket and various other hydraulically controlled attachments. The 3rd function valve can be activated with buttons located on the grip of the joystick.





LOADER SPECIFICATIONS

Model		LA1153		LA1353	
Tractor applications		M5140, M6040, M7040		M8540, M9540	
Boom Cylinder Fulcrum		Height position	Power position	Height position	Power position
Maximum Lift Height (Pivot pin)	in. (mm)	132.7 (3370)	117.2 (2977)	145.7 (3700)	131.9 (3350)
Clearance w/Attachment Dump	in. (mm)	101.5 (2577)	85.5 (2172)	110.6 (2808)	94.7 (2405)
Reach @ Maximum Height	in. (mm)	14.1 (357)	31.9 (811)	29.1 (738)	45.2 (1149)
Maximum Dump Angle	degrees	43	60	52	64
Reach w/Attachment on Ground	in. (mm)	76.7 (1947)		87.9 (2233)	
Maximum Rollback Angle	degrees	43		40	
Digging Depth (When Bucket is Level)	in. (mm)	5.3 (134)	4.4 (111)	7.8 (198)	7.3 (185)
Overall Height in Carry Position	in. (mm)	61.9 (1573)		66.7 (1695)	
Material Bucket Width / capacity (Heaped)	in. /cu.ft.(m³)	72 / 19.43 (0.55)		72 / 19.43 (0.55), 84 / 22.60 (0.64)	
Lift Capacity (Bucket Center)	lbs. (kg)	2326 (1055)	2536 (1150)	2866 (1300)	2977 (1350)
Raising Time to Full Height w/out Load ^{*)}	second	4.7		4.6	
Lowering time w/out Load (powerdown) ^{*)}	second	3.6		3.1	
Attachment Rollback Time	second	3.0		2.6	
Attachment Dumping Time	second	2.8		2.2	

^{*)}w/Standard valves.

SPECIFICATIONS

Model		M5140			M6040		
		2WD	4WD		2WD	4WD	2WD
ROPS / CAB		F-1 / FC	DT / DTC	HD / HDC	F-1 / FC-1	DT-1 / DTC-1	HD-1 / HDC-1
Engine		V2403-T			V3307-DI-T		
Type (Make : KUBOTA)		E-TVCS, Indirect Injection					
No. of cylinders/Aspiration							
Engine net power	HP(kW)	52 (38.8)			63.5 (47.3)		
PTO power	HP(kW)	46 (34.7)			56 (41.7)		
Total displacement	cu.in. (cc)	148.5 (2434)			203 (3331)		
Engine rpm							
Fuel tank capacity	gal. (ℓ)	18.5 (70) on ROPS model, 23.8 (90) on CAB models					
Alternator		45 Amp on ROPS model, 60 Amp on CAB model (80 Amp N/A)					
Transmission		F8 / R8 (creep option N/A)					
No. of speeds							
Main gear shift		Fully synchroniz					
Dual speed (Hi-Lo)							
Shuttle shift		Synchro-shuttle	Hydraulic-shuttle		Synchro-shuttle	Hydraulic-shuttle	Synch
Main clutch type		Dry single plate	Multiple wet disc		Dry single plate	Multiple wet disc	Dry sin
Main clutch material / diameter	in. (mm)	Organic / 10.8 (275)			Cerametallic / 10.8 (275)		
Brake type							
Differential lock (Front / Rear)		- / Mechanical					
4WD clutch type							
PTO							
Type							
Speed	rpm				540		
Hydraulics							
Pump capacity (3-Point Hitch)	gpm (ℓ/min.)				11.0 (41.6)		
3-Point Hitch							
Category		I / II					
Control system		Position, draft (option)					
Lift capacity at 24 in. behind lift point	lbs. (kg)				3307 (1500)		
Cylinder type							
No. of standard remote valves		1 (2nd, 3rd optional)					
Other features							
4WD system		-	Bevel gear type	-	Bevel gear type	-	-
Steering							
Tilt steering							
Hood type / Pedal type							
Deck type (ISO-mounted w/rubber mat)							
Panel type							
Fender shape							
Standard tire size							
2WD Front/Rear		6.50-16 F2	9.5-24 R1		7.50-16 F2	9.5-24 R1	7.50-16 F
4WD Front/Rear			14.9-28 R1			16.9-28 R1	
Dimensions & weight							
Overall length	ROPS models	in. (mm)	140.4 (3565)	135.6 (3445)	140.4 (3565)	135.6 (3445)	140.4 (3565)
	CAB models	in. (mm)	142.7 (3625)	138.0 (3505)	142.7 (3625)	138.0 (3505)	142.7 (3625)
Overall height	top of ROPS	in. (mm)	95.3 (2420)			96.9 (2460)	
	top of CAB	in. (mm)	99.0 (2515)			100.6 (2555)	
Overall width (minimum)		in. (mm)				73.0 (1860)	
Wheelbase	ROPS models	in. (mm)	82.1 (2085)	80.7 (2050)	82.1 (2085)	80.7 (2050)	82.1 (2085)
	CAB models	in. (mm)	84.4 (2145)	83.1 (2110)	84.4 (2145)	83.1 (2110)	84.4 (2145)
Crop clearance (Front axle)		in. (mm)	430			460	
Tread width	Front	in. (mm)	55.9-71.7 (1420-1820)	55.9-59.8 (1420-1520)	55.9-71.7 (1420-1820)	55.9-59.8 (1420-1520)	55.9-71.7 (1420-1820)
	Rear	in. (mm)				52.0-67.7 (1320-1720)	
Turning radius (w/o brake)		ft. (m)	10.8 (3.3)	11.8 (3.6)	10.8 (3.3)	11.8 (3.6)	10.8 (3.3)
Tractor weight	ROPS models	lbs.(kg)	4240 (1925)	4550 (2065)	4650 (2110)	4785 (2170)	4675 (2110)
	CAB models	lbs.(kg)	4850 (2200)	5160 (2340)	5315 (2410)	5445 (2470)	5535 (2470)

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional, and not standard equipment. Please contact your local Kubota dealer for warranty, safety or product information. For your safety, KUBOTA strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications. Not for sale in Nebraska.

M7040		M8540		M9540	
4WD	2WD	4WD	2WD	4WD	
T-1 / DTC-1 HD-1 / HDC-1	F-1 / FC-1	DT-1 / DTC-1 HD-1 / HDC-1	HD12-1 / HDC12-1	F-1 / FC-1	DT-1 / DTC-1 HD-1 / HDC-1 HD12-1 / HDC12-1 - / HDC24-1
'3307-DI-T		V3800-DI-T			V3800-DI-T
E-CDIS, Direct Injection					
4 / Turbocharged					
71 (52.9)		85.5 (63.7)		95 (70.9)	
64 (47.7)		76 (56.6)		84 (62.7)	
2600			230 (3769)		
		23.8 (90) on ROPS model, 29.1 (110) on CAB model			
45 Amp on ROPS model, 60 Amp on CAB model, 80 Amp: OPT					
F8 / R8		F12 / R12	F8 / R8	F12 / R12	
4 speed)		Fully synchro. (6 speed)	Fully synchronized (4 speed)	Fully synchronized (6 speed)	
N/A				Standard	
huttle	Hydraulic-shuttle	Synchro-shuttle	Hydraulic-shuttle	Synchro-shuttle	Hydraulic-shuttle
late	Multiple wet disc	Dry single plate	Multiple wet disc	Dry single plate	Multiple wet disc
			Cerametallic / 12.8 (325)		
			Hydraulic wet disc		
		- / Mechanical			
Mechanical					
Live-independent, hydraulic PTO with PTO brake, wet clutch					
			540 (540/1000 optional)		
			17.0 (64.3)		
Telescopic lower link ends, telescopic stabilizers					
			II		
Position, draft (top link sensing) & mixed control					
4630 (2100), 7275 (3300): OPT		7275 (3300)	4630 (2100), 7275 (3300): OPT	7275 (3300)	
Two external cylinders					
		1 (2nd, 3rd & flow control valve optional)			
Bevel gear type	-	Bevel gear type	-	Bevel gear type	
Hydrostatic power steering					
Standard					
Full open, slanted, steel / Hanging					
Semi-flat on ROPS models, full-flat on CAB models					
Electronic					
Wide, round					
9.5-24 R1	7.50-18 F2	11.2-24 R1	7.50-18 F2	12.4-24 R1	
6.9-28 R1		18.4-28 R1		18.4-30 R1	
135.6 (3445)	153.0 (3885)	148.0 (3760)	153.0 (3885)	148.0 (3760)	
138.0 (3505)	153.0 (3885)	148.0 (3760)	153.0 (3885)	148.0 (3760)	
7.2 (2470)		97.0 (2465)		98.0 (2490)	
11.0 (2565)		101.0 (2565)		102.0 (2590)	
	78.0 (1990)		78.0 (1990)		
80.7 (2050)		88.6 (2250)		88.6 (2250)	
83.1 (2110)		88.6 (2250)		88.6 (2250)	
	520	500	520	500	
55.9-59.8 (1420-1520)	56.7-60.3 (1440-2040)	59.8-63.8 (1520-1620)	56.7-60.3 (1440-2040)	59.8-63.8 (1520-1620)	
			59.8-75.6 (1520-1920)		
11.8 (3.6)	12.1 (3.7)	13.8 (4.2)	12.1 (3.7)	13.8 (4.2)	
4805 (2180)	5005 (2270)	5400 (2450)	5095 (2310)	5510 (2500)	
5470 (2480)	5665 (2570)	6065 (2750)	5755 (2610)	6175 (2800)	

NEW

M9540 DUAL SPEED

With Dual Speed Hi/Low and on-the-go 4WD, the M9540 Dual Speed tractor improves productivity, and can tackle nearly anything you throw at it.

Dual Speed

The Dual Speed feature provides instant upshift and downshift. If the load increases while in the Hi position, a simple press of the Dual Speed button will reduce speed and increase engine torque. The main shift features six synchromesh speeds for on-the-go shifting. Combine this with Dual Speed and the Hi/Lo range, and you have a total of 24F/24R speeds at your command.



M9540 HDC24-1 TRAVELLING SPEED (F24/R24 w/ Dual Speed, 18.4-30 rear tires) @ rated engine rpm

Range	Gear	5	10	15	20	25
Creep (optional)	C1					
	C2					
	C3					
	C4					
	C5					
	C6					
Low range	1					
	2					
	3					
	4					
	5					
	6					
High range	1					
	2					
	3					
	4					
	5					
	6					

Dual Speed Hi
Dual Speed Lo

Dual Speed Hi
Dual Speed Lo

Dual Speed Hi
Dual Speed Lo



Additional Deluxe Feature

- On-The-Go 4WD
- PTO Control Knob provides electric-over-hydraulic engagement
- Automatic 4WD Braking from 2WD mode when both brakes are applied.
- High capacity 3pt. Hitch Lift Capacity

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KUBOTA TRACTOR CORPORATION

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