



For Earth, For Life
Kubota

M

KUBOTA DIESEL TRACTOR MX5100

Now available with HST, the Kubota MX5100 represents a powerful blend of versatility and functionality.

- MX5100 Gear-Drive 4WD model
- MX5100 HST 4WD model

MX5100
50HP
TRACTOR



Note : This information is sourced from overseas and may not necessarily apply locally. It is essential that you confirm specifications and other information with your local Kubota dealer.

Note: Pictured loaders are non mechanical self levelling U.S.A. models. Loaders available from Kubota Tractor Australia are mechanical self levelling models only.

Same great MX versatility, now with

Kubota's MX5100 utility tractor is designed to tackle almost any task. And now, with our new HST model, those tasks just got easier. Experience the smooth performance and increased control of our MX HST model. With the net power of Kubota's 50HP engine, the MX5100 is a highly responsive workhorse, ready for tough jobs. Of course, our standard, "gear-drive" model provides the same reliable versatility you've come to know and expect from Kubota.



NEW

MX5100
4WD HST model



th the ease and convenience of HST.

**POWERFUL,
QUIET AND
CLEAN ENGINES**

Rev it up and get moving. The MX5100 offers 50 net engine horsepower. Our 5100 gear model also delivers 44 PTO horsepower*, giving you the power to work more efficiently. These tractors also feature a built-in balancer that helps minimize vibration and noise.

**HST model: 42.5 PTO horsepower*

50 HP

MX5100
4WD Gear model



Excellent operability, just the way smooth HST or responsive gear-



NEW HST MODEL

Kubota's new MX5100 HST model features hydraulic servo systems that increase pedal responsiveness, providing easy pedal-shifting operation for smoother performance and improved control, regardless of load size. Forward and reverse directional changes are simple. HST also reduces shock, vibration, noise and fatigue to improve tractor performance and operator comfort.

Transmission Controls

Located on the left side of the tractor, the hand controls of our new HST model is both ergonomic and user friendly. It features a straight-line range gear-shift and a step-less cruise control, which keeps your working speed variation to a minimum, regardless of the terrain.



Full-open One-piece Bonnet

The MX5100 is equipped with a slanted bonnet, halogen headlights, and front grill for improved visibility and a sophisticated appearance. The full-opening one-piece bonnet features dual gas shock assist for easy opening, so you can perform routine maintenance quickly and efficiently, and get back to getting the job done.

Bevel Gear Front Axle

The 4WD provides outstanding pulling power and traction in almost any working condition, and features a bevel-gear front axle to deliver a smooth and full-power transfer, and greater all-around manoeuvrability.

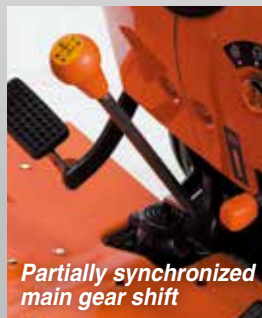


GEAR DRIVE TRANSMISSION

Kubota's Synchro Shuttle Transmission lets you spring into action with smooth operability and powerful agility. The hanging clutch and brake pedals deliver easy manoeuvrability when shifting. And, with 4 main shift speeds and 2 range-shift speeds (Hi/Lo), you have 8 forward and 8 reverse speeds to choose from, giving you the versatility you need to maximize your productivity.

Synchro Shuttle Shift

Conveniently located at the left side of the seat, this shuttle lever allows you to quickly and easily switch between forward and reverse. It's particularly handy when performing tasks that require repetitive forward/ reverse motions, like front loader work.



Partially synchronized main gear shift

you want it; choose drive transmission.



Enhanced Operator Comfort

The full-flat deck enables safe and easy mounting/dismounting, and the 760 spacious millimetres between fenders gives you all the room you need to work in comfort. In addition, the easy-to-operate hanging pedals optimize legroom, and, for really thirsty work, the convenient cup holder will always keep your beverage within easy reach.

Power Steering

Make tight turns or take the straight path with the same smooth ease. These tractors feature responsive power steering to enhance manoeuvrability and make steering worry-free when a heavy load is applied or the front loader is used.

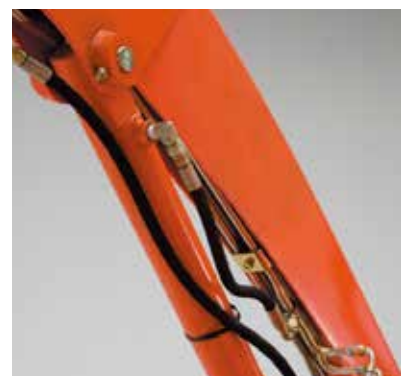
Performance-matched 3-point Hitch

Kubota's durable 3-point hitch is performance-matched to operate seamlessly with the MX5100. It features telescopic lower link ends and stabilisers to allow easy attachment of a wide variety of Category I and II rear-mounted implements, and offer enormous lift capacity.



Note: The front loader frame is optional.

A productive front loader give you haul and move earth.



Protected Cylinder Tubes

1. Rounded Boom

The front loader features a rounded boom that matches the hood, for a sleek look and increased visibility during loader operations.

LA854AU-B FRONT LOADER

Kubota's front loader is performance-matched to the MX5100, ensuring precise operation and improved productivity. The high lift capacity and lift height deliver impressive performance with each load, and the single-lever joystick control makes operation easy. A standard 2-lever quick coupler is available for fast and easy attach/detach of attachments, such as buckets and bale spears, and the hydraulic tubes are enclosed within the rounded boom for protection and a tidy look.

LA854AU-B Front Loader Specifications

| | | |
|--|--------|------------|
| Matching Tractor | | MX5100 |
| Maximum Lift Height (Pivot pin) | mm | 2863 |
| Clearance w/Attachment Dump | mm | 2255 |
| Reach @ Maximum Height | mm | 570 |
| Maximum Dump Angle | deg. | 45 |
| Reach w/Attachment on Ground | mm | 1919 |
| Maximum Rollback Angle | deg. | 43 |
| Digging Depth (When Bucket is Level) | mm | 177 |
| Overall Height in Carry Position | mm | 1410 |
| Material Bucket Width/Weight | mm /kg | 1830 / 150 |
| Lift Capacity (500mm forward) | kg | 800 |
| Raising Time to Full Height w/out Load | sec. | 4.4 |
| Lowering Time w/out Load (powerdown) | sec. | 2.8 |
| Attachment Rollback Time | sec. | 1.9 |
| Attachment Dumping Time | sec. | 1.5 |
| Rated Flow | l/min | 37 |



the power to



Joystick Control



2-lever Quick Coupler



2. High-quality Cylinders

The LA854AU-B loader features high-quality, heavy-duty cylinders to bring more muscle to your loader work. The durable plating offers impressive pressure resistance and achieves superior rust protection.

3. Front Guard

The MX5100's front guard provides additional front-end protection and folds down for quick and easy hood access.

4. 4-bar Linkage

The 4-bar bucket linkage increases the rollback and dumping angle for quicker scooping and dumping.

5. Mechanical Self-Levelling

This standard 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.

6. Third Function Valve (optional)

To broaden the scope and capabilities of your front loader applications, the LA854AU-B is available with a third function valve to operate attachments such as a 4 in 1 bucket.



Specifications

| Model | | | MX5100 Gear 4WD | | | | MX5100 HST 4WD | | | |
|---|---------|------------|--|------|---------|------|--|--|--------------|--|
| Engine | | | V2403-M-T | | | | | | | |
| Type (Make: KUBOTA) | | | E-TVCS, Indirect injection, liquid cooled diesel | | | | E-TVCS, Indirect injection, liquid cooled diesel | | | |
| Engine gross power | | HP (kW) | 52.2 (38.9) | | | | | | | |
| Engine net power | | HP (kW) | 50.0 (37.3) | | | | | | | |
| PTO power | | HP (kW) | 44.0 (32.8) | | | | 42.5 (31.7) | | | |
| No. of cylinders/Aspiration | | | 4 / Turbocharged | | | | | | | |
| Total displacement | | cc | 2434 | | | | | | | |
| Fuel tank capacity | | l | 48 | | | | | | | |
| Air cleaner | | | Dry-dual element | | | | | | | |
| Alternator | | Amp | 45 | | | | | | | |
| Transmission | | | | | | | | | | |
| No. of speeds | | | 8F/8R | | | | 3-range speed | | | |
| Main gear shift (4 speeds) | | | Partially synchronised (3rd & 4th) | | | | - | | | |
| Shuttle | | | Synchronised | | | | Hydrostatic pedal operate | | | |
| Main clutch | | | Dry single plate | | | | | | | |
| Brake | | | Mechanical wet disc | | | | | | | |
| Differential lock | | | Rear standard (mechanical) | | | | | | | |
| PTO | | | | | | | | | | |
| PTO type | | | Live independent, hydraulic PTO with PTO brake, wet clutch | | | | | | | |
| Speed | | | 540 rpm | | | | | | | |
| Hydraulics | | | | | | | | | | |
| Pump capacity (main) | | l | 35.8 | | | | | | | |
| Power steering | | l | 18.6 | | | | | | | |
| 3-point hitch | | | Category I & II | | | | | | | |
| Control system | | | Position (std), Draft (opt) | | | | | | | |
| Lift capacity at 24 in. behind lift point | | kg | 1050 | | | | | | | |
| No. of remote valves | | | Maximum 3 (opt) | | | | | | | |
| Tyres | | | | | | | | | | |
| Standard ^(*) | | Front/Rear | 9.5–16/14.9–26 | | | | | | | |
| Travelling speeds (w/std. Ag. tires) | | | | | | | | | | |
| No. of speeds (at rated engine speed) | | | Forward | | Reverse | | Forward | | Reverse | |
| First | Fifth | km/h | 1.6 | 7.6 | 1.5 | 7.0 | L: 0 to 6.0 | | L: 0 to 5.5 | |
| Second | Sixth | | 2.2 | 10.8 | 2.1 | 9.9 | M: 0 to 11.8 | | M: 0 to 10.6 | |
| Third | Seventh | | 3.6 | 17.5 | 3.3 | 16.1 | H: 0 to 25.9 | | H: 0 to 23.3 | |
| Fourth | Eighth | | 5.4 | 25.9 | 4.9 | 23.7 | | | | |
| Other features | | | | | | | | | | |
| 4WD drive system | | | Bevel gear type | | | | | | | |
| Steering | | | Hydrostatic power type | | | | | | | |
| Bonnet type / Pedal type | | | Full open bonnet / Hanging pedals | | | | | | | |
| Deck type | | | Flat | | | | | | | |
| Dimensions & weight | | | | | | | | | | |
| Overall length (w/o 3P) | | mm | 3120 | | | | | | | |
| Overall height (top of ROPS) | | mm | 2430 | | | | | | | |
| Overall width (Minimum) | | mm | 1770 | | | | | | | |
| Wheelbase | | mm | 1895 | | | | | | | |
| Min. ground clearance | | mm | 385 | | | | | | | |
| Tread width | | mm | 1325 | | | | | | | |
| | | mm | 1375–1490 | | | | | | | |
| Turning radius (w/ brake) | | m | 2.7 | | | | | | | |
| Tractor weight | | kg | 1642 | | | | 1712 | | | |

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 in all applications.

^(*)Kubota offers several tyre options.

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