

Kubota®



KUBOTA DIESEL TRACTOR

M

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 **NEW**

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

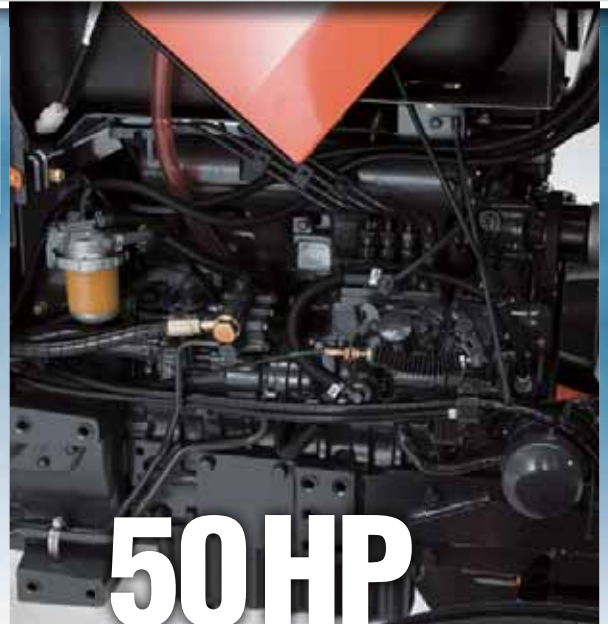
MX5100
4WD HST model



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*



MX5100
4WD Gear model



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



NEW HST MODELS

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.

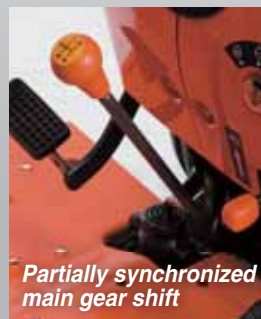


GEAR DRIVE TRANSMISSION

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.



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.



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 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	M: 0 to 11.8	L: 0 to 5.5	M: 0 to 10.6
Second	Sixth		2.2	10.8	2.1	9.9	H: 0 to 25.9		H: 0 to 23.3	
Third	Seventh		3.6	17.5	3.3	16.1				
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	Front	mm	1325							
	Rear	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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