



For Earth, For Life
Kubota

M

KUBOTA DIESEL TRACTOR
M7-2 Series
M7132/M7152/M7172

The M7 Series is built with today's professional producers in mind with features to increase efficiency and productivity.



The M7 Series Tractors are available in three new models with specifications to fit your operation making the M7-2 Series a better choice.

MODEL CONFIGURATION

NEW

| Grade | Standard | | | Deluxe | | | Premium | | | Premium KVT | | |
|--|--|-------|-------|-----------------------------|-------|-------|---------------|-------|-------|-------------|-------|-------|
| Model | M7132 | M7152 | M7172 | M7132 | M7152 | M7172 | M7132 | M7152 | M7172 | M7132 | M7152 | M7172 |
| Max. power @ 1900 engine rpm (97/68EC) | 128 | 148 | 168 | 128 | 148 | 168 | 128 | 148 | 168 | 128 | 148 | 168 |
| Rated PTO horsepower* (HP) @ 2000 engine rpm (OECD Code 2) | 100 | 120 | 140 | 100 | 120 | 140 | 100 | 120 | 140 | 100 | 120 | 140 |
| Transmission | Semi-Powershift (F30 / R15) | | | | | | | | | CVT | | |
| Hydraulics | Pressure Compensated, Fixed Displacement | | | Closed Center, Load Sensing | | | | | | | | |
| Aux. valves | Mechanical | | | | | | Electronic | | | | | |
| Rear axle type | Flanged axle | | | | | | 110" bar axle | | | | | |

* PTO horsepower will vary based on configuration.

New Deluxe Grade

Kubota has taken the simplicity of operation of our standard grade with select specifications from our premium grade and designed the all new M7-2 Deluxe. Now producers can have a tractor which is easy to operate with less electronics and has features such as a Closed Center Load Sensing (CCLS) hydraulic system with 29 GPM flow to accomplish the most demanding jobs.

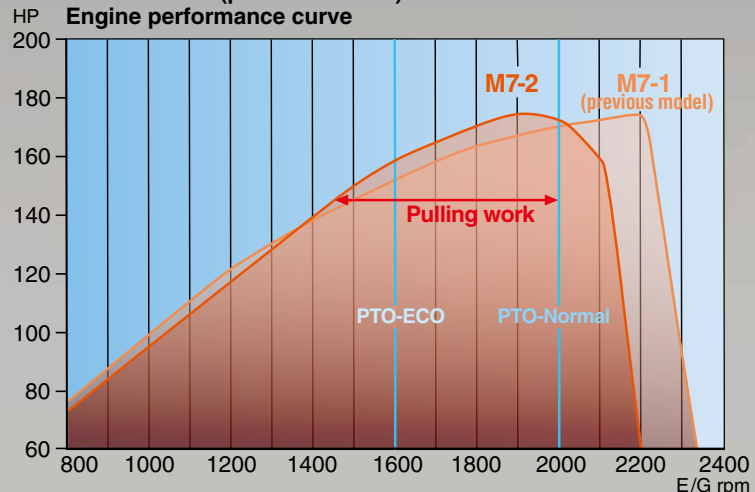
Improved engine performance

Kubota has lowered the rated engine speed from 2200 rpm to 2100 rpm and lowered the maximum output speed from 2200 rpm to 1900 rpm. The result is improved performance and output in the engine speed range actually used for PTO and towing work. The lower engine speed also results in better fuel economy and reduced engine noise.

KUBOTA V6108-CR-TIEF4



M7-2 vs. M7-1 (previous model)
Engine performance curve



Comfort

Kubota knows how important comfort is when working long days in the field. Operators of the M7-2 series will enjoy a spacious four post suspended cab with virtually unobstructed views. To further increase operator comfort, decibel levels have been reduced and our new deluxe seat with more cushioning and armrest have a wider range of adjustments and has been redesigned with your comfort in mind.

A/C Performance

The M7-2 Series' new pressurized cab features a high-performance heating, ventilation and air conditioning system (HVAC) with 25% greater air flow that will quickly heat or cool the cabin and maintain desired temperature.

Hydraulic flow control adjustment

You no longer need to leave the cab to adjust the hydraulic flow rate. The flow rate adjustment dial is now conveniently located within easy reach from inside the cab, saving you time—and improving productivity—when setting up the tractor for various types of work.



(Standard and Deluxe grade)





**Airflow:
25% UP**

Comfortable Four Post Suspended Cab

- Greater Visibility
- Better cooling capacity
- Reduced decibel levels
- Deluxe fully adjustable seat

**Photo is showing European model.*

K-Monitors

With the introduction of new 7" LCD monitors, now you can choose between a 7" or 12" K monitors to fit your needs.

New 7inch monitor features;

- Soft Button Navigation
- Touch Screen Programming
- ISO-BUS connector-compatible



New 7" touch screen LCD monitor *

(*Premium and Premium KVT grade)



Large touch screen 12" LCD monitor *

New transmission

30 speed Semi-Powershift

A new semi-powershift transmission provides an even greater range of forward gears—30 in total—letting you find the right gear for each job for maximum productivity. The number of main gears has been increased from 4 to 6 within working ranges of transmission. An auto shifting function automatically evaluates the engine load, Advances to the appropriate range gear, and adjusts the engine output accordingly, resulting in improved acceleration performance under light loads.

KVT Transmission

Kubota's KVT transmission is widely praised for its performance and efficiency. The new KVT transmission takes performance and efficiency to the next level, offering even better shuttle response to let you quickly find the ideal speed for the job at hand, including loader work. This transmission is also stronger, with a tractor permissible weight of 11.5 t, allowing you to use larger implements and improving reliability.

Auto shift (under light load)

M7-1
(previous model)
Main gear shift:
4-speed Powershift



New M7-2
Main gear shift:
6-speed Powershift



Advances!

**Next
D1**



Kubota is committed to improving the ease and efficiency of front loader operations. Kubota's LM2605 advanced loader systems features;

- Kubota Z-Bar linkage mechanical self-leveling
- Single-lever hydraulic valve quick coupler
- Quick attachment and detachment
- Kubota shockless ride(KSR)
- Third Function Valve
- Euro Quick Coupler

Front loader Joystick



Mechanical control
(Standard and Deluxe grade)



Electrical control
(Premium and Premium KVT grade)

Front Loader Specifications

| Model | | LM2605 | |
|---|--------|--|--------------------------------|
| Leveling system | | Kubota Z-bar linkage, mechanical self-leveling (MSL) | |
| Attachment | | 96in. Bucket | |
| Compatibility | | M7 Standard / Deluxe grade | M7 Premium / Premium KVT grade |
| Control type | | Mechanical lever | Electrial joy stick |
| Max. lifting height at bucket pivot pin | mm | 4250 | |
| Max. lifting height at bucket under level | mm | 3972 | |
| Clearance with bucket dumped | mm | 3321 | |
| Max. dumping angle | degree | 59 | |
| Max. roll-back angle | degree | 42 | |
| Digging depth | mm | 100 | |
| Lifting capacity at bucket pivot pin, max. height | kg | 2620 | |
| Lifting capacity at 800mm forward, max. height | kg | 2615 | |
| Breakout force at bucket pivot pin | N | 40342 | |
| Breakout force at 800mm forward | N | 35444 | |
| Bucket roll-back force at max. height | N | 26566 | |
| Bucket roll-back force at 59in.(1.5M) height | N | 49004 | |
| Bucket roll-back force at ground level | N | 48151 | |
| Raising time | sec. | 6.4 | 5.4 |
| Lowering time | sec. | 8.1 | 8.1 |
| Bucket dumping time | sec. | 5.1 | 5.1 |
| Bucket rollback time | sec. | 4.6 | 4.6 |
| Standard equipment | | Third function valve, Single-lever hydraulic quick coupler,Accumulator (KSR: Kubota Shockless Ride) | |

Specifications

| Model | | M7132 | M7152 | M7172 |
|---|-----|---|-------|-------|
| Engine | | KUBOTA V6108-CR-TIER4 | | |
| Type | | Direct Injection, with Intercooler turbocharger, water-cooled 4 cycle diesel engine | | |
| No. of cylinders | | 4 cylinders | | |
| Total displacement | cc | 6124 | | |
| Bore × stroke | mm | 118 × 140 | | |
| Rated speed | rpm | 2100 | | |
| Max. power @ 1900 engine rpm (97/68EC) | HP | 128 | 148 | 168 |
| Boost power | HP | +20 | +20 | +5 |
| PTO | | | | |
| Rated PTO horsepower* @ 2000 engine rpm (OECD Code 2) | HP | 100 | 120 | 140 |
| Alternator / Battery | | 200 Amp/174 Ah (20 hr) / 1400A | | |
| Fuel tank capacity | ℓ | 330 | | |
| DEF tank capacity | ℓ | 38 | | |

| Grade variety | | Standard | Deluxe | Premium | Premium KVT |
|---|--------|---|-----------------------------|--|-------------|
| Transmission | | | | | |
| Type | | Semi-Powershift | | | CVT |
| Main gear shift | | 6-speed Powershift | | | CVT |
| Range gear shift | | 5-speed synchronised (GST) | | | CVT |
| No. of speeds | | F30 / R15 (F54 / R27 w/ optional creep) | | | CVT |
| Max. travelling speed | km/h | 40 / 50 with front axle suspension | | | |
| Shuttle shift | | Electro-hydraulic shuttle | | | |
| Main clutch | | Hydraulic multi-plate wet disc | | | CVT |
| Hydraulics | | | | | |
| System | | Pressure Compensated, Fixed Displacement | Closed center, load sensing | | |
| Pump capacity | ℓ /min | 80 | 110 | | |
| 3-point hitch | | Telescopic lower link, Category 3 / 3N | | | |
| Control system | | Electronic draft control / Lower link sensing | | | |
| Lifting capacity at 24in. behind (OECD) | kg | 5350 | | | |
| No. of rear remote valves | | Maximum 4 valves (mechanical valve) | | Maximum 5 valves (Electronic valve) | |
| PTO | | | | | |
| Rear PTO speeds | | 540 / 540E / 1000 / 1000E | | | |
| Front PTO speeds | | 1000 | | | |
| Rear axle type | | Flanged axle | | 110" bar axle | |
| Standard tyre size | | | | | |
| Front | | 540 / 65R28 | | | |
| Rear | | 650 / 65R38 | | | |
| Dimensions and weight | | | | | |
| Overall length | mm | 4770 | | | |
| Overall height | mm | 3030 | | | |
| Overall width | mm | 2500 | | 2794 | |
| Wheelbase | mm | 2720 | | | |
| Shipping weight | kg | 6598 | | | 6848 |

* PTO horsepower will vary based on tractor configuration.



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