



BROOKS HIRE

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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.



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
Lowering time	sec.	8.1
Bucket dumping time	sec.	5.1
Bucket rollback time	sec.	4.6
Standard equipment	Third function valve, Single-lever hydraulic quick coupler, Accumulator (KSR: Kubota Shockless Ride)	

*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.

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 x stroke	mm	118 x 140	
Rated speed	rpm	2100	
Max. power @ 1900 engine rpm (97/68EC)	HP	128	148
Boost power	HP	+20	+20
PTO			
Rated PTO horsepower* @ 2000 engine rpm (OECD Code 2)	HP	100	120
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.

BROOKS HIRE

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Kubota

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Genuine Parts**
for maximum
performance,
durability and
safety



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		
	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-Power shift (F30 / R15)									CVT		
Hydraulics	Pressure Compensated, Fixed Displacement			Closed Center, Load Sensing								
Aux. valves	Mechanical						Electronic					
Rear axle type	Flanged axle			Flanged axle or 110" bar axle			110" bar axle					

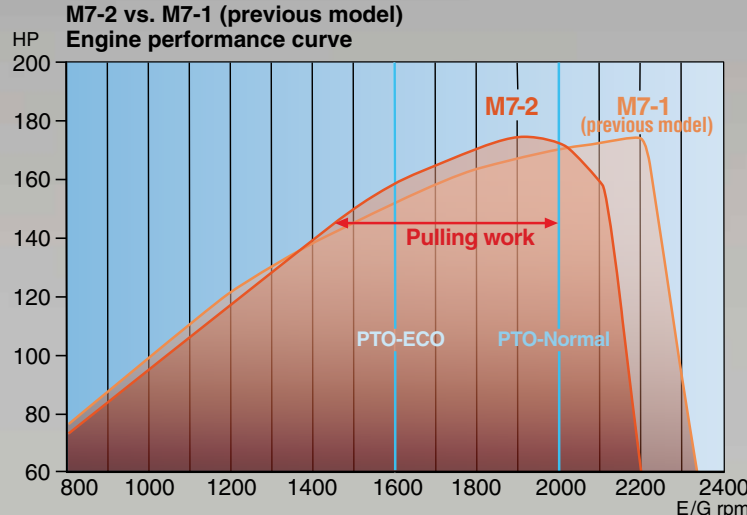
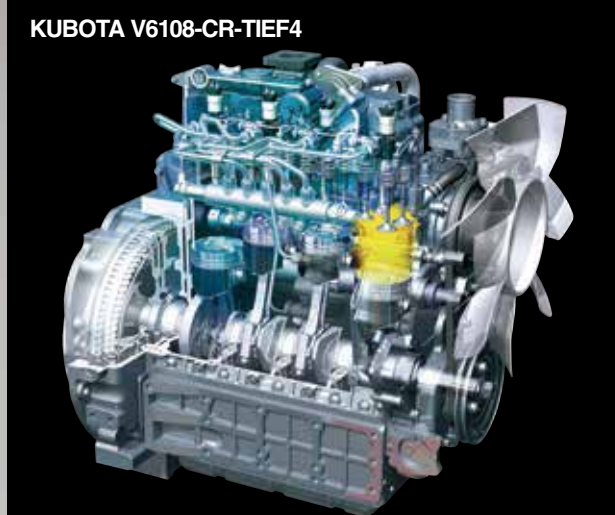
* PTO horsepower will vary based on configuration.

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 and 110 inch bar axle 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.



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 Suspend Cab

- Greater Visibility
- Better cooling capacity
- Reduced decibel levels
- Deluxe fully adjustable seat
- Greater view w/new 7" monitor

*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)

