

Tractor Giants approved
Kubota Dealership

Tel: +27 12 520 5010
www.tractorgiants.com



KUBOTA DIESEL TRACTOR

M

M108S

With its Common Rail engine and advanced features, the M108S is ideal for a range of farming tasks.



Get the job done with redesigned and cleaner

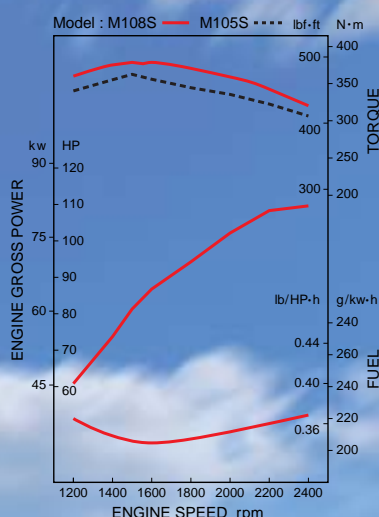
The M108S with a Common Rail engine allows you to take on a variety of tasks. Ideal for heavy-duty agricultural tasks, this economical machine is great for loader work, grassland applications, transport and more. And not only is this new tractor versatile, it also features a brand new bonnet design, for better visibility and easier maintenance. The tractor boasts a Common Rail diesel engine to achieve clean emissions and deliver smooth power. Plus, for improved comfort, the M108S even provides a wider cab. Whatever your needs, Kubota's M108S delivers.



the new, re-engineered Kubota.

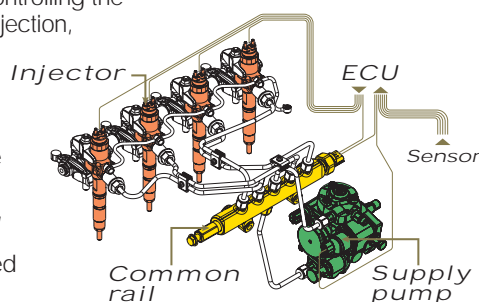
Common Rail Engine

The engine of the M108S has been redesigned and reengineered. The CRS (Common Rail System) and Cooled EGR (Exhaust Gas Recirculation) System reduce emissions, helping with compliance to E.U. Stage 3 emissions regulations.



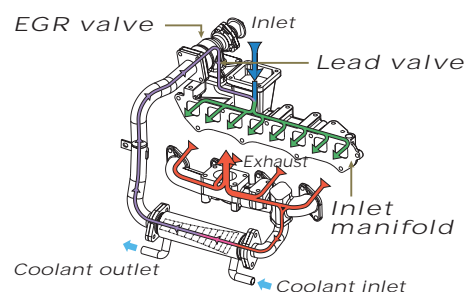
CRS (Common Rail System)

Typically found in automobiles to help reduce emissions and decrease fuel consumption, CRS has been implemented on our M108S engine to accomplish the same results. The CRS electronically controls the timing and amount of fuel injection. By delivering high-pressure injections in stages, rather than all at once, an optimal combustion rate is achieved, thus offering greater efficiency in the cylinder. This equates into less combustion noise, commonly known as "diesel knocks", better fuel efficiency and cleaner emissions. By controlling the amount of fuel injection, the CRS also serves to provide greater torque so that operations in the mid-to-high revolution range, such as baling, can be performed more smoothly.



Cooled EGR System

Our Cooled EGR (Exhaust Gas Recirculation) System aims at the same end as the CRS—to reduce noxious emissions. It accomplishes this by diverting exhaust gas through a cooler and then returning it to the combustion chambers, where the cooled gases minimise temperatures and hamper nitrogen oxide formation.



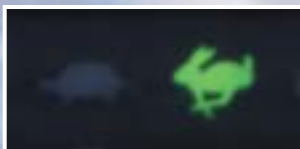
A mid-size tractor with the advanced features you need to take on the most challenging farming jobs.

For taking on tough tasks, whether arable farming, working on a dairy farm, or a combination of the two, the Kubota M108S tractor is second to none. That's because the M108S employs a powerful Common Rail diesel engine, plus a host of advanced features, to ensure it consistently delivers the highest level of performance.

MAX SPEED
39 km/h

Precise Swing Shift

The fully synchronised main transmission is now easier to use, thanks to the Swing Shift. The main shift uses an "H" pattern for its 4 speeds, and since the Swing Shift has an electro-hydraulically assisted 2-speed high/low synchronised range shift, now 8 speeds can be controlled with just one lever. And, if 8 speeds are not enough, move the auxiliary range lever for 8 more—for a total of 16 speeds.



Powerful Dual Speed Changer (HI-LO)

The Dual Speed Changer gives you increased lugging power. When your load suddenly gets heavier, just flick its high/low switch while the tractor is in motion, and a 17% reduction in travel speed dramatically increases the tractor's lugging force. This feature is not only useful for taking on large load increases, but also when working in changing soil conditions and making turns.



Clutchless Hydraulic Shuttle Shift

With a modulating valve, a steering column-mounted, finger-operated shuttle lever makes it possible to shift smoothly and easily from forward to reverse, without using a clutch or stopping the tractor, for more comfortable and productive front-loader operation.



Slanted Full-open Bonnet

The bonnet's slanted nose increases visibility. To make engine maintenance a snap, the one-piece, full-opening bonnet's dual gas shock assist enables it to lift up by itself.

Telescopic-type Rearview Mirror

Rear visibility is ensured, even when large rear implements are attached.

Easy Maintenance

For faster cleaning, the sliding, louverless-type AC condenser and condenser net can be removed in a flash.





ULTRA GRAND CAB

It's your home away from home. Shouldn't it be just as comfortable?

Great comfort starts with its contoured, air-suspension seat, and a powerful air conditioner. It offers low noise and vibration levels, improved visibility, and an uncluttered, full-flat deck with hanging pedals. It even boasts a new wider cabin for more comfortable operation.



Instrument Panel with LCD Readout



The new instrument panel makes viewing the vital functions of the tractor clear and easy. The LCD readout displays travel speed, PTO revolution and hour meter information digitally. Illuminated analog indicators include a large tachometer, temperature gauge and fuel gauge.



Superior Air Conditioner

To keep you comfortable all-year round—even on the hottest days—the AC system provides ultra-cool cab temperatures. It boasts a stronger force of air, 9 air outlets, and a dual-level function that automatically keeps your upper body cool while also keeping your lower body warm.

The M108S offers a host of features to help you get the job done in less time.

*Round-shaped,
Wide Rear Fenders
The wide and rounded rear
fenders prevent limbs and
branches from catching.*

**3P External
Adjustment Lever**
*This feature allows you to
adjust the rear 3-point
hitch from outside the
tractor, so attaching and
detaching implements is
quick, easy and precise.*

Live, Independent Hydraulic PTO

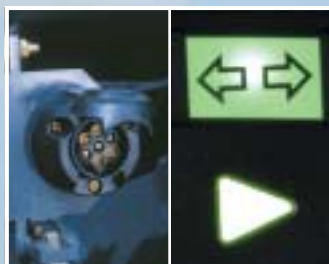
With two shiftable speeds of 540/1000, plus the freedom to smoothly switch the rear PTO on and off, even while the tractor is in motion, this must-have feature greatly enhances spraying, rear cutting, or any other work requiring the PTO.

Assist Cylinder

To give you an incredible lifting capacity of 4,000 kg, two sets of assist cylinders are available as an optional fitting.



Hydraulic Trailer Brake
As an added measure of safety, the hydraulic trailer brake makes trailer towing safer, even on slopes.



**Trailer Coupler/
Trailer Indicator**
A trailer coupler and indicator are both available for use with either a trailer or additional implements.



Auxiliary Control Valve
Two remote valves come standard on the M108S: a single- or double-acting changeable valve and a valve with a floating detent. The maximum installation is three valves (3rd flow control valve is available).



Auxiliary Remote Control Valve Lever
For ease of use, the auxiliary remote control valve levers are conveniently located on the right-hand side of the operator's seat. Two remote valves come standard, but up to three can be installed.

(Hitch types may differ in each country.)



Independent Parking Brake
For increased safety and reliability, the M108S features an independent parking brake system and a separate drive brake linkage.



Hydraulic Wet Clutch
Unlike a conventional dry-type clutch, the hydraulic wet-type clutch is more responsive and extremely durable.



New Halogen Headlights with Corner Lamps
We've mounted the headlights high to improve visibility, even during loader work. These halogen lights with corner lamps are efficient and provide excellent illumination.



Hydraulic 4WD Engagement
With the press of a button, 4-wheel drive can be activated and deactivated without stopping the tractor.

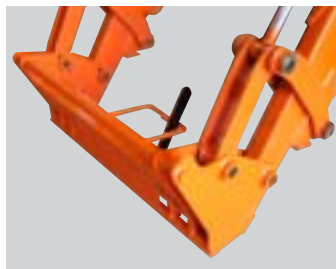
NEW FRONT LOADER LA1403

You'll experience the joy of our front-loader operation from the first time you use it—a single-lever joystick controls it all. With a variety of new features, including the optional hydraulic self-levelling valve, 3rd function valve, and quick coupler, the new loader is perfect for agricultural use.

Lifting Power and Height Adjustments
Two separate boom cylinder fulcrum points (Power position and Height position) give you the option to increase the loader's 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.



Euro-type Quick Hitch
A standard feature on the loader, this hitch makes attaching and detaching buckets, bale spears and pallet forks as easy as can be.



FRONT LOADER CONFIGURATIONS



Kubota Shockless Ride (KSR)
The KSR helps to minimise fatigue by "smoothing out" the ride of the tractor. This feature is particularly useful when your tasks include a lot of tight turns or lifting and dumping of heavy loads. It makes handling round bales far less jarring.



Single-lever Hydraulic Quick Coupler
The optional quick coupler allows the operator to attach all four hoses at once. This makes attaching and detaching fast and easy, even when you're doing it often.



3rd Function Valve
Operated with buttons located on the grip of the joystick, the 3rd function valve broadens the capability of the front loader. It also enables the simultaneous operation of the bucket and loader boom, allowing smooth and easy operation.



Hydraulic Self-levelling Valve
This optional feature allows the operator to raise or lower the loader boom without changing the angle of the bucket. This will help prevent spills when carrying soil or sand and will make pallet handling smooth and easy.

Specifications

Model	M108S-DTQDS	
Engine	V3800-DT-TI-CRS	
Type (Make: KUBOTA)	Direct injection, liquid-cooled, 4-cylinder diesel	
Aspiration	Turbocharged w/ intercooler	
Rated speed	rpm	2600
Engine net power, to 97/68/EG	kW (PS)	80 (109)
Total displacement	cm ³	3769
Fuel tank capacity	ℓ	175
Air cleaner	Dry (double)	
Alternator	Amp	80
Transmission		
No. of speed	32 forward / 32 reverse (48 forward / 48 reverse w/ optional creep)	
Main gear shift	8 / Fully synchronised (with Swing Shift)	
Range shift	2-speed	
Dual speed (Hi-Lo)	Standard	
Max. speed	km/h	39
Main clutch type / Brake type	Hydraulic wet discs / Hydraulic wet discs	
Mechanical differential lock	Standard (Front & Rear)	
PTO		
PTO type	Hydraulic independent PTO with PTO brake, wet discs	
Speed	rpm	540 / 540E (540 / 1000 as option)
Hydraulics		
Pump capacity (3-point hitch)	ℓ/min.	65 at rated speed
3-point hitch	Quick hitch & Telescopic lower link ends, Telescopic stabilisers, Crank-type lift rod	
Category	II	
Control system	Position, draft (top link sensing) & mix control	
Lift capacity at link end	kg	4000
Lift capacity at 24 in. behind lift point	kg	3400
No. of standard remote valves	2 (FD, S/D Acting) / 3rd & 4th control valve optional	
Other features		
Steering	Hydrostatic power steering	
Bonnet type	Full open bonnet	
Hydraulic trailer brake	Standard	
Dimension & weight		
Overall length	mm	4145
Overall height (top of Cab)	mm	2680
Overall width (minimum tread)	mm	2010
Wheelbase	mm	2435
Tyre size Front	380/70R24	
Tyre size Rear	520/70R34	
Min. ground clearance (Drawbar bracket)	mm	435
Tread width front	mm	1565 - 1675
Tread width rear	mm	1755 - 1865
Turning radius ^(*)	mm	3.6 w/ brake, 4.7 w/o brake
Tractor weight ^(*)	mm	3655

The company reserves the right to change the specifications without notice.
This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information.

^(*) With cast iron discs for rear wheels.

^(*) 4WD engaged.

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Tractor Giants

KUBOTA (DEUTSCHLAND) GmbH

Senefelder Straße 3-5, 63110 Rodgau/Nieder-Roden
Telefon 06106/873-0 Telefax 06106/873-197 E-mail info@kubota.de

www.kubota.de

20 5010

www.tractorgiants.com