

## #Technical data

For Earth, For Life  
Kubota

Model	M6-122	M6-132	M6-142
<b>Engine</b>			
V6108-TIEF5			
Number of cylinders/valves/aspiration 4/4v/turbo charged and intercooler			
Engine power output (ECE R120)	hp (kW)	123 (91)	133 (98)
Max. power incl. Transport Powerboost	hp (kW)	143 (105)	153 (113)
Displacement	cm <sup>3</sup>	6,124	
Nominal Power	rpm	1,900	
Max. torque	Nm	549	594
Max. rpm torque		1,500	
Alternator/battery 150Amp (Std), 200Amp (Opt) 174Ah (20HR)/1400CCA			
Fuel/Ad blue tank capacity	l	230/20	
<b>Transmission</b>			
Type of powertrain Powershift			
Number of speeds	forw./rev.	24/24	
Number of speeds with creepers	forw./rev.	32/32	
Max. travelling speed	km/h	40 Eco	
Main speeds		8 Powershift with smooth adjustment; autoshifting mode	
Speed ranges		3 GST ranges robotized	
Shuttle Electrohydraulic with progressive adjustment			
Main clutch Multi-disc oil bath clutch, electro-hydraulic; including Xpress restart function			
Brake types Hydraulic, oil bath multi-disc with automatic 4-wheel drive engagement			
4-wheel drive engagement Electrohydraulic; ON/OFF/Auto			
Differential lock (front/rear) Electrohydraulic			
<b>Hydraulic system</b>			
System Standard full CCLS technology (LS front axle, LS power steering, LS trailer brake, LS rear valve)			
Pump capacity	l/min.	115	
Rear power lift Auto lower link CAT 3			
Control system EHR/lower link sensor			
Category II/IIIN			
Rear linkage capacity	kg	7,000	
Front linkage capacity	kg	3,260	
Hydraulic valve type Mechanical			
Number of control valves 3 (option 4)			
Rear PTO shaft speed	rear rpm	540 / 540E / 1,000 / 1,000E; with smart PTO activation	
	front rpm	1,000	
<b>Tyres size</b>			
Front Min : 320/85R28 Max : 480/65R24			
Rear Min : 320/90R46 Max : 650/60R38			
<b>Dimensions &amp; weight</b>			
Overall length	mm	4,620	
Overall height	mm	2,890	
Overall width	mm	Min: 2,110; Max: 2,511	
Wheelbase	mm	2,690	
Shipping weight	kg	6,000	

# M

## KUBOTA M6002 SERIES

6122 – 6132 – 6142



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Kubota

## #Features

# M6002: Top performing all-rounder

The new M6002 series is ideal for professional farmers who value outstanding manoeuvrability, excellent visibility, maximum ergonomics and exceptional performance. Its versatile features make this tractor the perfect choice for mixed farming.

### Cab

The spacious cab on the M6002 ensures a high level of driving comfort and allows the operator to stay relaxed during long working days. Ergonomically optimised operating devices and a variety of comfort features ensure high efficiency and performance.

### Large sunroof

The M6002 features a large glass roof, which is ideal for overhead work. This allows an optimal view of the raised front loader.

### Engine

The advanced Kubota Stage V engine delivers plenty of power combined with excellent fuel economy. The 6.1 litre four-cylinder engine is characterised by its constant torque output across a wide range of engine speeds.

### Hydraulics

The M6002's powerful hydraulic system guarantees maximum productivity. Thanks to its powerful hoisting capacity, this versatile tractor can lift heavy implements with ease and heavy front-loader work is no problem.

### Transmission

The M6002's modern powershift transmission impresses in both demanding fieldwork and fast haulage operations. The tractor provides a perfectly co-ordinated number of gears while the new "Xpress restart" function increases operator comfort.

### Manoeuvrability

The original Kubota front axle ensures maximum manoeuvrability. Kubota Bi-Speed steering guarantees an extremely tight turning radius. From a steering angle of approximately 35°, the rotational speed of the front wheels is increased.



### Powerful, reliable engine

Under the bonnet of the M6002 is a powerful Kubota Stage V engine with state-of-the-art technology and outstanding Kubota quality. The additional 20HP power boost results in greater torque resistance from the engine during transport applications. Maximum torque at 1,500 rpm and maximum power at 1,900 rpm mean superior performance across the entire power curve. The 230 litre fuel tank means you can work at full capacity even on long working days. The cleaning interval of the Diesel Particulate filter is 6,000 hours, increasing efficiency.

### Unique powershift transmission

The new transmission is designed for high speeds and payload capacities. With eight powershift ratios in three mechanically synchronized groups, you benefit from 24 forward and 24 reverse gears (optional creeper group 32/32 forward and reverse gears) – the perfect number for an extremely wide range of applications. When shifting, you have the choice of two methods: shifting at the touch of a button or direct shifting using the new multi-function lever. Wherever ground and terrain conditions change, the automatic mode deploys automatic shifting to ensure maximum performance. The new "Xpress restart" function allows you to stop the tractor without having to engage the clutch for even more operating comfort.

### Unrivalled working comfort

The large cab offers an enormous amount of space, excellent comfort and an ergonomically optimised arrangement of all operating devices to ensure the best conditions for maximum productivity. Thanks to the excellent all-round visibility provided by the four-column cab, you always have a perfect view of all working areas. The modern multifunction lever integrated into the stylish armrest gives you central access to all important functions – there is no easier or more ergonomic way to control tractor functions. The suspended cab not only means greater driving comfort, it also protects your health. Speaking of comfort and health – the premium Grammer seat boasts excellent suspension and cushioning as well as large armrests.

### Impressive hydraulic performance

The M6002 is equipped as standard with a CCLS (Closed Center Load Sensing) hydraulic pump, which provides an enormous output of 115 l/min. The pump provides full control to reduce power loss and limit the rise in oil temperature. Three mechanical valves are standard, with an additional mechanical valve available as an option. All hydraulic valves are equipped with flow control and the tractor also features a low-pressure control valve for the front loader. What's more, Kubota has redesigned the hydraulic power steering to improve performance efficiency during front loader and steering operation. Finally, the electro-hydraulic differential locks on the front and rear axles are equipped with Auto Mode Management.

### K-Monitor with ISOBUS functionality

The tried and tested 7" K-Monitor is available as an option for the M6002. This user-friendly, intuitively operated monitor allows all necessary control functions to be easily set. 100% ISOBUS compatibility means you are free to use all ISOBUS implements and machines on the market, without restrictions. This saves you time and money and allows you to work in a relaxed manner. The ISOBUS capability of the 7" K-Monitor and the optional automatic steering system make this tractor ready for precision farming, enabling the precise dosage of seeds, fertilisers and crop protection products.