

For Earth, For Life
Kubota

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KUBOTA
M6001 SERIES

6121 & LK2100H



M6121 & LK2100H: the ultra-versatile day-to-day duo

The previously unseen combination of the new M6121 with the LK2100H loader constitutes an ideal tractor/loader combination for livestock farming and mixed farming.



A totally dedicated loader: the LK2100H

The new LK2100H loader with hydraulic parallelogram system is an integral part of the tractor. The M6121 has a factory-fitted adaptor for the loader and load-sensing hydraulic circuit, delivering 110 l/min, which gives this new loader the optimal output in terms of efficiency in any circumstance, whatever the engine speed. With its capabilities its design and the wide range of options available, the LK2100H is perfectly adaptable to all of your requirements.

Tools adapted to all types of work

The versatility of a tractor/loader combination involves an extensive range of tools. This is why, with the M6121 and its loader, we offer more than fifteen different accessories including buckets, forks and bales clamps. This range allows you to choose and use the tool which is perfectly adapted to the given work, and to maximum efficiency.

The M6121 has versatility in its genes

The little brother of the M7002 Series, the new M6121 is the ultimate versatile tractors. Developed primarily for use in livestock farming and in mixed farming, it is equipped with Kubota's 6.1 litre engine, giving 115 HP in nominal power. It will be the go-to tractor for everything in your business. The M6121 has ideal handling, with its dedicated front loader and its hydraulic circuit at 110 l/min, and is also comfortable in the fields thanks to its size and its lifting capacity. To further increase its versatility, a hitch and front PTO are also available (depending on configuration).

#Characteristics

Optimum visibility and safe working

The opening glass roof of the M6121 offers maximum comfort when working. The roof also allows perfect visibility of the tool, even when in a high position ideal for storage work requiring a maximum of precision. The ten work lights on the cab, including four LEDs, ensure optimum illumination when working at night. By way of a guarantee of high levels of safety, the cab has FOPS certification and therefore meets strict safety standards designed to protect the operator in the event of falling objects.



An impressive lift capacity

The robust rear hitch, with a capacity of 7500kg, further increases the versatility presented by the new M6121. This remarkable hitching ability can even be brought up to 9400kg (optional), meaning work can be done with the most demanding of tools on the market.

High-performance hydraulics

The standard M6121 comes with three remote valves powered by a high-performance, load-sensing hydraulic circuit with an output of 110 l/min. This capability allows you to use the tractor just as effectively with the loader as in the fields with all types of tools.



Ergonomic precision control joystick

The control joystick is flexible, intuitive and perfectly integrated into the driving position, and allows the LK2100H Loader to be controlled with precision. The ideal positioning and the ergonomics of the joystick ensure comfortable working for the operator throughout the day. This joystick brings together all the loader controls and also allows you to control the front hitch when the loader is detached.

#Technical data, M6121 Tractor

| Model | M6121 | |
|---|---|-------------------------|
| Engine | KUBOTA V6108-CR-TIEF4 | |
| Number of cylinders/valves/aspiration | 4 /4v/turbo charged and intercooler | |
| Nominal power (without boost) (UNECE120) | hp (kW) | 115 (85) |
| Nominal power (with boost) (UNECE 120) | hp (kW) | 135 (95) |
| Maximal power (with boost) (UNECE 120) | hp (kW) | 150 (110) |
| Displacement | cm ³ | 6,124 |
| Nominal power | rpm | 2 100 |
| Max. torque | N.m | 600 |
| Max. rpm torque | rpm | 1,500 |
| Alternator/battery | 150 Amp (Opt: 200)/170 Ah (20HR)/1400A | |
| Fuel/AdBlue® tank capacity | l | 330/38 |
| Transmission | | |
| Type/Auto mode | Powershift K POWER+ /Auto mode on road and field | |
| Number of speeds | 30 forward, 15 reverse | |
| Top speed | km/h | 40/50 |
| Minimum speed at 2000 RPM | km/h | 2,87 |
| Main shift group | 6 Powershift speeds | |
| Range group | 5-way synchronised | |
| Shuttle shift | electro-hydraulic auto modulation | |
| Main clutch | hydraulic wet clutch | |
| Hydraulic system | | |
| System | load-sensing with variable-displacement pump | |
| Pump capacity | l/min. | 110 |
| Rear power lift | auto lower link CAT 3 | |
| Control system | EHR/lower link sensor | |
| Category | Cat III | |
| Rear linkage capacity | kg | 7 500 – Opt: 9 400 |
| Front linkage capacity | kg | 3 900 |
| Hydraulic valve type | mechanical | |
| Number of control valves | 3 | |
| Rear PTO shaft speed | rear rpm | 540/540E / 1,000/1,000E |
| | front (option) rpm | 1,000 |
| Tyres size | | |
| Front | according to models and variants: 380/85R28 - 420/70R28 - 420/85R28 - 480/70R28 - 540/65R28 | |
| Rear | according to models and variants: 460/85R38 - 520/70R38 - 520/85R38 - 580/70R38 - 650/65R38 | |
| Dimensions & weight (with 540/65R28 & 650/65R38) | | |
| Overall length | mm | 4,770 |
| Overall height | mm | 3,030 |
| Overall width | mm | 2,500 |
| Wheelbase | mm | 2,720 |
| Shipping weight | kg | 6 900 |

#Front loader specifications LK2100H

| Model | LK2100H | |
|--|--|--------|
| Lift capacity to maximum height to pivot pin | kg | 2 190 |
| Lifting height | mm | 4 000 |
| Breakout force at the pivot point | N.m | 24 000 |
| Type of parallelogram | Hydraulic PCH® | |
| Order type & name | FLEXPILOT® Low Pressure Hydraulic Control Monolever® | |
| Tool holder frame | choice between Euro – frame MX – frame MX/EURO | |
| Automatic locking of MASTER ATTACH® system tools | • | |
| Automatic coupling/unhitching of FAST-LOCK® system tools | o | |
| Automatic coupling/unhitching of tools with 3 rd & 4 th function SPEED-LINK 2® | o | |
| 3 rd hydraulic function | • | |
| 4 th hydraulic function | o | |
| SHOCK Eliminator® loader suspension system | • | |
| Connection tractor/loader | quick-hitch FIT-LOCK® System | |
| Tractor/loader hydraulic connection MACH® system | • | |
| Hydraulic connection loader/outlets by couplers | • | |
| Hydraulic connection loader/tool with MACH 2® | o | |
| Synchronizing bucket/claw movements AUTO UNLOAD® system | o | |
| Automatic leveling of AUTO LEVEL® system tools | o | |
| Integrated charger removal stand | • | |

•: Standard / o: Option

Kubota (U.K.) Limited

Dormer Road Thame, Oxfordshire, OX9 3UN

Website: <http://www.kubota.co.uk>

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