

For Earth, For Life
Kubota

EK

KUBOTA
EK1 Series

EK1-221 - EK1-261 - EK1-261 HST



#Introduction

The perfect entry level tractor

Discover the EK1 range – the perfect blend of strength, simplicity, and versatility. Designed for light-duty tasks like mowing, landscaping, and municipal work, EK1 tractors deliver reliable performance with ease.

Choose from agricultural, turf, or industrial tyres to match your needs. Thanks to its compact size and foldable roll-over protection, the EK1 is ideal for tight spaces and areas with height restrictions.

EK1 – Big performance in a small package.



One series. Multiple solutions

Whether you're a hobby farmer, landscaper, or need a reliable tractor for light municipal work, the Kubota EK1 series offers the perfect match with two versatile transmission options:

EK1-261 HST – Hydrostatic Transmission

Designed for private owners and operators who prioritize comfort and ease of use, the hydrostatic model offers smooth, pedal-controlled driving and a cruise control feature. Perfect for landscaping, groundcare, or light municipal tasks, the EK1-261 HST delivers maneuverability, convenience, and comfort for both new and experienced users.

EK1-221/261 – Mechanical Transmission

Built for users who value simplicity and control, the mechanical 9F/3R transmission is ideal for traditional farming tasks, soil preparation, and PTO applications. With robust features and a compact design, it's perfect for light farming or daily groundcare tasks which require strength and reliability.



#Comfort

A great place to work

The EK tractors prove that there is no need to compromise on ergonomy.



A pleasure to drive

With 2100mm of turning radius and excellent steering sensitivity, EK offers a smooth and precise ride.



Small details make the difference

Thanks to the charging socket with mobile phone holder, you also have a practical charging station for your mobile phone.



Ergonomic operating levers

Colored levers can be identified easily and without confusion. This makes them simple to find and easy to grip – a real comfort benefit during work and driving.

#Safety



Enhanced safety

A sensor registers the presence of the operator. If he or she is absent, the engine is automatically switched off after 10 seconds. To avoid the tractor to stop when working with the stationary PTO, just engage the stationary PTO switch.

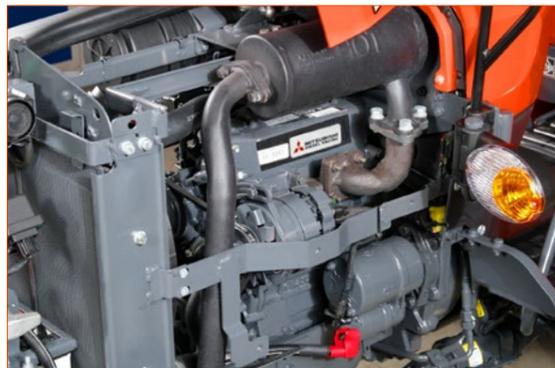


Switchable all-wheel drive

The tractor features a 4-wheel-drive which can be engaged via a lever. The differential lock is operated by pedal. The oil-immersed brakes and the independent parking brake ensure a high level of protection.

#Engine

Powerful performance and easy maintenance



The robust 3-cylinder 22 hp and 25 hp Stage V diesel engines from Mitsubishi is water-cooled. The 4-stroke engine features swirl chamber injection that sucks in air through the air filter.



The high-quality dry air filter ensures maximum performance and superior fuel efficiency.

#Maintenance



Easy maintenance is the key.

Ensured by the one-piece hood, which allows quick access to the points on the engine.



A sensor on the dashboard indicates when the air filter needs cleaning, simplifying maintenance.



Bonnet access without tool for the EK1-261 or with the tool inside the toolbox for the others.



The large radiator grille provides good airflow to the radiator, easy to remove and blow.

#Mechanical Transmission

Shift as required

The EK1-221 and EK1-261 feature a mechanical transmission that is easy to shift, even while driving within the same range. The transmission ratio is optimized based on the specific application.



Shifting gear while driving.

The tractors are equipped with a constant mesh transmission system featuring nine forward and three reverse gears, which allows gear changes while driving. Thanks to the three-ranges transmission, there is no risk of torque overload of the transmission during operation.

| TRACTOR SPEED | Rear Tyre 8 x 18 Agri EK1-221 | Rear tyre 8.30 x 20 Agri EK1-261 |
|---------------|----------------------------------|-------------------------------------|
| L1 | 1.30 | 1.10 |
| L2 | 1.80 | 1.60 |
| L3 | 3.20 | 2.90 |
| M1 | 4.10 | 3.60 |
| M2 | 5.70 | 5.10 |
| M3 | 10.20 | 9.20 |
| H1 | 8.00 | 7.20 |
| H2 | 11.30 | 10.20 |
| H3 | 20.20 | 18.20 |

#Hydrostatic Transmission

Smooth sensation

The Kubota EK1-261 HST is the perfect solution for simplifying daily farming and property maintenance. As a hobby farmer, this compact tractor combines Kubota's trusted reliability with ease of use, maximizing both productivity and comfort



Hydrostatic Transmission (HST)

The 3 ranges Hydrostatic Transmission (HST) offers smooth, two-pedal speed control without the need for manual gear shifting, ensuring effortless and precise operation.



Cruise Control

The built-in Cruise Control feature allows the operator to maintain a constant speed without continuously pressing the pedal, enhancing comfort during extended use.



Independent PTO

PTO speed operates separately from the tractor's ground speed. This allows for seamless adjustments to the tractor's working speed while ensuring the PTO-driven implement consistently runs at its optimal RPM for maximum efficiency. Even when the tractor comes to a stop, the PTO continues running, enabling uninterrupted operation of implements.

#StandardFeatures

Impressive features



High-performance rear power lift

You can easily and intuitively operate the powerful Mita category 1 N three-point rear linkage. Precise draft and position control enables efficient management of the attachments. With a maximum lifting capacity of 800 kg, even heavy implements can be lifted with ease. The lower links are easy to adjust.



Double-Acting valve

An open-centre hydraulic system and is equipped as standard with a double-acting valve (convertible to Simple Acting). The fixed displacement pump for the auxiliary oil flow has a delivery rate of 19 l/min (14 l/min for the EK1-221).



Tools always ready to hand

The spacious, well-equipped toolbox is practical and functional. It contains all the tools you need for minor maintenance work.



Useful rear spotlights

The adjustable and powerful rear work lights are also standard. These are useful in poor lighting conditions when you need to control rear-mounted implements.

#Optional

Added value optional



Stable front loader

The EK1 is optionally available with a robust front loader. With a maximum lifting height of 1.98 m at pivot point and 1.52 m with the bucket tilted, it can be used for a wide range of applications.



Front equipment

Tractors can also be equipped with a front lift. The optional four-part front ballast has a total weight of 120 kg.



Wide choice of tyres

You can choose between agricultural, garden pro or turf tyres in different dimensions.

#Technical data

| Range | EK1 SERIES | | |
|--|--------------------------|--------------------------|--------------------------|
| Model | EK1-221 | EK1-261 | EK1 261 HST |
| ENGINE | | | |
| Manufacturer | Mitsubishi | Mitsubishi | Mitsubishi |
| Emissions | Stage 5 | 5 | 5 |
| Cylinder | 3 | 3 | 3 |
| Displacement | 952 cc | 1318 | 1318 |
| Aspiration | Natural | Natural | Natural |
| Power at rated engine speed (97/68/EC) | 22 / 15.8 hp/kW | 25 / 18.2 | 25 / 18.2 |
| Rated speed | 3000 rpm | 2500 | 2500 |
| Maximum torque | 50 Nm | 76.3 | 76.3 |
| Fuel tank capacity | 24 l | 24 | 24 |
| TRANSMISSION | | | |
| Transmission type | Mechanical constant mesh | Mechanical constant mesh | Hydrostatic |
| Range gear shift | 3 | 3 | 3 |
| Number of speeds (F/R) | 9x3 | 9x3 | - |
| Minimum speed | 1.3 km/h | 1.0 | 0 |
| Max. speed | 20.2 km/h | 18.2 | 19.1 |
| AXLES AND BRAKES | | | |
| 4WD drive | • | • | • |
| 4WD engagement | Mechanical | Mechanical | Mechanical |
| Turning radius | 2100 mm | 2100 | 2100 |
| Differential lock rear axle | • | • | • |
| PTO | | | |
| Rear P.T.O. speed (std) | 540/540E Speed | 540/540E | 540 |
| PTO engagement | Lever | Lever | Switch |
| HYDRAULIC SYSTEM AND LIFT | | | |
| Hydraulic control system | Open centre | Open centre | Open centre |
| Fixed displacement pump (std) | 14.5 l/min | 19 | 19 |
| Auxiliary rear mechanical distributors | 1 convertible S/A to D/A | 1 convertible S/A to D/A | 1 convertible S/A to D/A |
| Maximum lift capacity at hooks | 800 kg | 800 | 800 |
| Functions | Draft & Position Control | Draft & Position Control | Position Control |
| DIMENSIONS AND WEIGHTS | | | |
| With front tyres | 5.00 - 12 | 6x12 | 6x12 |
| With rear tyres | 8.00 - 18 | 8.3x20 | 8.3x20 |
| A. Overall length | 2547 mm | 2677 | 2677 |
| B. Wheelbase | 1420 mm | 1550 | 1550 |
| C. Height to beacon light | 1940 mm | 2192 | 2192 |
| D. Overall width | 1025 mm | 1035 | 1035 |
| E. Rear track width | 710 - 915 | 897 - 965 | 897 - 965 |
| F. Ground clearance | 296 mm | 310 | 265 |
| Height to steering wheel | 1300 mm | 1300 | 1300 |
| Unladen weight with ROPS | 900 kg | 1000 | 1050 |
| Maximum permissible total weight | 1800 kg | 1800 | 1800 |



Kubota (U.K.) Limited

Dormer Road Thame, Oxfordshire, OX9 3UN

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

This publication may not be reproduced in whole or in part in any form without the prior written consent of KUBOTA. It corresponds to the status at the time of going to press. The manufacturer reserves the right to change technical specifications without notice. Some of the parts shown in the publication are optional and are not part of the standard equipment. Information on warranty and safety as well as further product information can be obtained from the responsible KUBOTA authorized dealer.

