


For Earth, For Life
Kubota

RTV

KUBOTA
RTV-SERIES

RTV X-1110





The easiest way to get where you want to be

Kubota's new multi-purpose vehicle literally goes with you through thick and thin. Thanks to its excellent off-road characteristics, the RTV X-1110 will take you wherever you want to go, no matter how rough and remote the location. Whether for professional or private use – it guarantees plenty of load capacity as well as a high level of driving comfort.

#Highlights

Did you know?

Did you know that Kubota produces its own engines and that Kubota is the global market leader for industrial diesel engines under 100 hp? Top quality and efficiency are the main ingredients of this success.



The RTV X-1110 takes you everywhere

The rugged new RTV X-1110 by Kubota is a commercial vehicle in the best sense of the word. With this multi-purpose vehicle, you and your load will reach your destination quickly, safely and comfortably – no matter how steep and rough the terrain may be.

Regardless of whether you need it for agricultural use, municipal applications, rough maintenance or transport tasks in equestrian sports, large nurseries or hunting – the new Kubota multi-purpose vehicle always ensures that you get where you want to go.



Operator platform

The level platform, tilting steering wheel, digital display and plenty of storage space create an ideal working environment.

Hydraulic system

The high-power hydraulic system provides effortless power steering, convenient hydraulic tilting of the cargo area and hydraulic connections for connecting implements.

Engine

The 3-cylinder Kubota engine delivers a powerful 25 hp. The engine compartment can be easily accessed for maintenance.



Front-linkage not available in the UK

Options and accessories

Numerous options are available to extend the range of applications of the RTV X-1110. These include work lights, hydraulic distributor and much more.

Transmission

Kubota's heavy-duty VHT-X transmission ensures rapid acceleration and powerful dynamic braking. Features two speed ranges (high or low) and single-pedal operation.

Created for the most demanding tasks

While other multi-purpose vehicles are equipped with continuously variable belt drives, the RTV X-1110 is the only one in its class with a true, heavy-duty hydrostatic transmission. Together with Dynamic Brake Assist, it guarantees maximum quality, performance, durability and safety.

Powerful and reliable

Kubota's liquid-cooled 3-cylinder engine offers the best of both worlds: high performance and low fuel consumption.

Effortless steering

Another distinctive feature of this machine is that the RTV X-1110 is the only multi-purpose vehicle on the market that is equipped with hydraulic power steering.

Wide range of applications

The powerful hydraulic system allows the use of various hydraulically operated attachments – rear mounted spreaders. Another standard feature is the hydraulic tipping system for the cargo area, which makes loading and unloading much easier.



#Engine

Powerful performance, wherever you need it

With its 3-cylinder engine, the RTV X-1110 features impressive pulling power and improved emissions quality thanks to the Kubota-exclusive E-TVCS combustion system. You will also appreciate the lower noise level and ease of maintenance.

The Kubota liquid-cooled 3-cylinder diesel engine delivers not just powerful but also clean performance. This is ensured by the E-TVCS combustion system (Three Vortex Combustion System). Thanks to a sophisticated combustion chamber design, this results in significantly better exhaust emission values.

High-efficiency air filter

With its easy-to-clean twin air filter, the second air filter component prevents large amounts of dust entering the engine when cleaning the filter and stops dust from entering the engine if the main filter is damaged. This means that only clean air reaches the intake system at any times.

Large-volume fuel tank

With a capacity of 30 litres, the fuel tank is amply proportioned for a long working day. The optimally positioned tank features a wider filler neck for easy refuelling.



Front-linkage not available in the UK

High-performance radiator

The wide spacing of the cooler fins ensures improved airflow through the radiator. Its frontal mounting guarantees a maximum airflow. The removable protective grille of the easy-to-clean radiator keeps out coarse dirt particles.

Audibly quieter

The semi-floating valve cover and molybdenum sulphide coated pistons reduce the noise level of the engine by up to 2.0 dBA compared to conventional diesel engines. At the same time, the vibrations transmitted by the valve area are reduced. This means that the engine runs more quietly.

#Transmission



Precise control and excellent traction on any terrain

The unique VHT-X gearbox delivers excellent performance under the most demanding operating conditions. Thanks to dynamic braking, safety is maintained even when driving downhill with a trailer.

The VHT-X variable hydrostatic transmission is directly mounted on the rear of the engine. Whatever terrain you are driving on, the hydrostatic drive with single-pedal operation ensures a continuously variable drive under all conditions – unlike a belt drive, which is more susceptible to slippage.

Dynamic braking

Unlike rival machines, the RTV X-1110 is equipped with a brake assistant. On this machine, the hydraulic pressure remains in the gearbox, allowing the drive system to control the deceleration of the machine. This makes it easier to control braking when transporting heavy loads or when towing a trailer on slopes.

2-speed group gear with reverse gear

The RTV X-1110 features an easy-to-reach, easy-to-shift group transmission system. The selection of the appropriate driving range (fast/slow) prevents any potential torque overload of the transmission in difficult off-road conditions.



#Heavy-duty version



Excellent stability for rough terrain as standard

A machine designed for use in the roughest terrain needs to be able to withstand a lot of punishment. Kubota has equipped and designed the RTV X-1110 in such a way that it enables highly productive and reliable work under all load situations.

The RTV X-1110 literally brings the very best of framework conditions for use on even the most difficult terrain. This is because its stable, load-bearing, fully welded steel frame gives it a high degree of structural rigidity. The robust underbody protection reliably protects important drive components. A further plus on rough terrain is the high ground clearance of 265 mm.

Always safely on track

Thanks to independent wheel suspension, all four wheels remain in permanent contact with the ground, regardless of the terrain. This has several advantages: increased safety, improved driving comfort and less tyre wear.

Limiting slippage

The machine has limited slip differential on the front axle and a mechanical rear axle differential. The rear differential can be locked temporarily or permanently. This allows you to limit wheel spin on soft ground.



Adjustable suspension

You can adjust the front and rear axle suspension of the RTV X-1110 to suit the load and stress. This feature ensures smooth and comfortable response for a safe drive.

#Hydraulics

You can expect a lot from this machine

The RTV X-1110 is not only a universal work-horse, but also a veritable beast of burden. Its large hydraulically tiltable cargo area offers ample space for a wide variety of load types.



Simple tipping

The RTV X-1110 is the only all-terrain vehicle in its class on the market that comes with hydraulic tipping as standard. Even heavy loads can be easily discharged. It is easily operated by lever while manual operation is also possible if you need it.

Front power lift and front cable winch

As an option, the vehicle can be equipped with a front power lift with 500 kg of lifting capacity and a double-acting hydraulic valve, as well as a front cable winch with 1,800 kg of traction power. This means that its front attachment space can be efficiently exploited to the full.



Sensitive steering

Kubota is currently the only manufacturer that offers such a sensitive steering system. The hydraulic power steering allows you to steer the RTV X-1110 effortlessly on all types of terrain and gives you full control in every situation.

Heavy loads are a breeze

The RTV X-1110 has plenty of load capacity. Its large cargo area with a maximum tipping load of 500 kg provides the ideal conditions for a highly productive working day. The tailgate can be folded down for convenient loading and unloading of bulky loads.



Getting the job done more efficiently and productively

To achieve the best possible results, you need an optimised, pleasant workplace. Kubota is conscious of this and has therefore equipped the cabin of the RTV X-1110 with an extra portion of comfort. As a result, nothing stands in the way of highly productive working days.



Tilting steering wheel

The comfortable operator's seat is made from hard-wearing material and can be adjusted to suit your needs. You can also individually set the tilt of the steering wheel to match your sitting position. If you need to frequently get in and out, you will appreciate the practical seat design.



Perfectly level floor

Thanks to the level floor, you can climb on both sides of the platform quickly and conveniently – perfect for tasks where you frequently need to leave the cabin. It is also quick and easy to clean. Last but not least, a flatter, cleaner floor means more safety for the operator as well.

Ideal for the cold season too

The roof heater with its two-stage blower ensures comfort inside the cabin. The warm air circulation ensures increased cabin comfort even in freezing temperatures. Special nozzles for the windscreen prevent it from misting up.



Always well informed

All the important data, including speed, kilometres travelled and hours worked, is shown on the illuminated digital display in an easy-to-read format.



Excellent visibility and climate

The front screen can be opened completely horizontally and the glass doors can be removed without tools if necessary. Machine can not be driven with the front screen fully open.

#Options

Exploiting the machine's full potential

The RTV X-1110 comes with an excellent level of standard equipment. This is reflected in its extensive range of applications. In addition, Kubota offers a number of interesting options for this multi-purpose vehicle if you want to make the most of its potential.



Protecting the drive joints

The splash guard for the front and rear drive joints is a good investment if you expect a lot of soiling and dirt.



Front lifter and front cable winch

The machines can be equipped with a front power lift with 500 kg lifting capacity and double-acting hydraulic valve as an optional extra. In addition, you can choose to specify a front cable winch with a pulling force of 1,800 kg. This allows you to literally get things moving.



Turning night into day

To enable you to use the RTV X-1110 in the dark, optional work lights are available for the front and rear. This means you can keep everything fully under control, even at night.



Wide choice of tyres

Whether you need tyres that are gentle on the ground or provide increased grip – the RTV X-1110 offers you a choice of different tyres to suit the respective application requirements. Light alloy rims are also available.

#Technical data

Model	RTV-X1110	
Available body colours	Kubota Orange/Realtree® AP Camo	
Engine		
Make	Water-cooled, 3-cylinder diesel	
Type	3-cylinders, 4-cycle, diesel, OHV	
Displacement	cm ³	1,123
Net Power UNECE R120	kW (hp)	18.2 (24.4)
Cooling system	Liquid	
Transmission		
Type	Variable Hydraulic Transmission (VHT-X)	
Gear selection	Hi-Lo range forward, neutral, reverse	
Maximum travel speed	km/h (mph)	0-40 (0-25)
4WD system	Front differential	Limited-slip differential
	Rear differential	Foot operated differential lock
Suspension		
Front suspension	Independent, Dual A-arms with coil over shock with adjustable spring preload	
Front suspension travel	205	
Rear suspension	Independent, Dual A-arms with coil over shock with adjustable spring preload	
Rear suspension travel	205	
Ground clearance		
Rear axle ROPS/CABIN	mm (inch)	265 (10.4)/252 (9.9)
Front axle ROPS/CABIN	mm (inch)	259 (10.2)/257 (10.1)
Headlights	Two, 37.5 watt halogen	
Occupant Protective System		
Seat belts	2-point	
Dimensions		
Length	mm (inch)	3,130 (123.2)
Width ROPS/CABIN	mm (inch)	1,605 (63.2)/1,654 (65.1)
Overall height	mm (inch)	1,998 (78.7)
Front tread centers	mm (inch)	1,240 (48.8)
Rear tread centers	mm (inch)	1,240 (48.8)
Wheelbase	mm (inch)	2,045 (80.5)
Turning radius	m	4.0
Weight (Gross)		
ROPS/CABIN	kg	1,000/1,090
Towing capacity		
Unbraked/Inertial-braked	kg	450/590
Payload capacity		
ROPS/CABIN	kg	545/455
Cargo bed		
Material	Steel	
Width x Length x Depth	mm (inch)	1,465 (57.7) x 1,030 (40.6) x 285 (11.2)
Bed height (unloaded)	mm	887
Cargo bed load	kg	500
Dumping system	Hydraulic power lift	
Fuel tank capacity	l	30
Tyres		
Front	ATV	25x10-12, 6-ply
	HDWS	25x10-12, 6-ply
Rear	ATV	25x10-12, 6-ply
	HDWS	25x10-12, 6-ply
Front guard design	Center and bumper	
Alloy wheel	Option	
Hydraulic bed lift	Standard	

The company reserves the right to change the above specifications without notice.

This brochure is for descriptive purpose only. Please contact your local Kubota dealer for warranty and safety information.

The values in "Ground clearance" and "Weight" are those with the machine equipped with the tyres in the table above. Some RTVs in this brochure are shown with optional accessories. For off-highway use only.

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.

v_1/2021



Kubota