#Technical data

Model			L1-452 HDW	L1-552 HDW	L1-522 DW
			Rear ROPS	Rear ROPS	Rear ROPS
Engine					
Model			V2403-CR-E5-GE3	V2403-CR-TE5-GE3	V2403-CR-TE5-GE1
Type			Direct injection, water-cooled 4 cycle diesel, common rail system		
Number of cylinders			4		
Engine power ECE R120		kW (PS)	33.0 (44.9)	40.1 (54.5)	37.4 (50.8)
Total displacement		cc	2.434		
Maximum torque (gross)		Nm (at 1.600 rpm)	148.9	185.3	166.7
Rated revolution		rpm	2,600		2,600
Fuel tank capacity		l	50		
Travelling system					
Transmission			HST 3 ranges		8F/8R Fully synchronized
Standard tyre size	**Front**		8-16	9,5-16	9,5-16
	Rear		13,6-24	13,6-28	13,6-28
Clutch			–		Dry type single stage
Steering			Hydrostatic power steering		
Braking system			Wet disk type		
Minimum turning radius with brake		m	2.7	3.2	3.2
PTO					
Rear PTO			SAE 1-3/8, 6 splines		
PTO/engine speed		rpm	540/2,480		540/2,550
Hydraulic unit					
Pump capacity		l/min	35.6		35.6
3-point hitch			SAE category 1		
Hydraulic control system			Position control		
Max. lift force	**At lift points**	kg	1,750		
	609.6 mm behind lift points	kg	1,250	1,350	1,350
System pressure		MPa (kgf/cm²)	18.6 (190)		
Dimensions					
Overall length (without 3P)		mm	3,170	3,245	3,245
Overall width (minimum tread)		mm	1,555	1,470	1,470
Overall height (with ROPS)		mm	2,250	2,550	2,550
Wheelbase		mm	1,895	1,915	1,915
Minimum ground clearance		mm	360	400	400
Tread	**Front**	mm	1,145	1,135	1,135
	Rear	mm	1,140 1,210 1,310	1,125 1,225 1,325	1,125 1,225 1,325
Weight		kg	1,680	1,825	1,820

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

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Kubota

For Earth, For Life

Kubota

L1

KUBOTA L1-SERIES

L1-452 – L1-522 – L1-552

The clean price-performance machine

If you are looking for a compact tractor that is robust, highly durable, easy to operate and maintain – and also affordable – then the new Kubota L1 Series compact tractors are the perfect choice. These machines not only offer an unbeatable price-performance ratio. Thanks to the very latest Stage V engine technology, they are also exceptionally clean.

Your choice of protection

Choose from practical protection or comfort all year round. The L1 Series compact tractors are available with a folding roll-over protection system (ROPS) at the rear.

Optional front loader

The Kubota LA 805 (L1-452) and LA 1055 (L1-522 and L1-552) front loaders are available as an option for all models in the new L1 range. This significantly expands the range of applications for these compact tractors.

Powerful hydraulics

The new L1 series from Kubota is a heavyweight in lightweight clothing. The rear linkage has an impressive lifting capacity of 1,750 kg allowing you to attach even the heaviest implements.

Outstanding comfort

The L1 Series compact tractors are equipped with a height-adjustable steering wheel and a comfortable operator's seat. This ensures maximum comfort, even during long working days.

Effortless maintenance

The one-piece engine cowling can be fully opened. This gives you easy access to the engine as well as to all components that require frequent maintenance, such as the air filter, radiator, etc.

Highly manoeuvrable

The front axle with bevel gear drive and the integrated power steering guarantee excellent manoeuvrability and a high level of steering comfort.

Model	Engine	Power (ECE R120) hp	Transmission	Structure
L1-452	V2403-CR-E5	44.9	HST 3 ranges	Rear ROPS
L1-522	V2403-CR-TE5	50.8	8F / 8R full synchro	Rear ROPS / Mid ROPS / Opt cab
L1-552	V2403-CR-TE5	54.5	HST 3 ranges	Rear ROPS

#Features

Tons of power
These machines are powered by 4-cylinder Kubota diesel engines with a displacement of 2,434 cm^2 and outputs of 45, 51 or 55 hp. Thanks to the common rail injection system, exhaust gas recirculation and diesel particulate filter, the engines comply with the latest European Stage V emission regulations. Common rail technology provides targeted control of fuel injection. This results in enhanced engine performance and reduced fuel consumption.

Quality transmission in two variants
Kubota's compact tractors are available with a choice of three-range HST hydrostatic transmission or a synchronised manual gearbox featuring 8 forward and 8 reverse gears. Both systems perfectly represent "Made by Kubota" quality that you can absolutely rely on.

Strong hydraulic performance
Powerful hydraulics make the L1 Series compact tractors extremely versatile. The rear linkage has a full 1,750 kg lifting capacity while the hydraulic pump achieves a maximum output of 37 l/min. The tractors come equipped with one control valve as standard but you can specify as many as three.

Impressive comfort
You will enjoy the generous amount of space and comfort offered by Kubota's new L1 Series. The large operator station with its level platform is extremely easy to access. All controls are ergonomically positioned for ease of use.

Useful functions
The machines are equipped with standard features such as engine speed memory, cruise control (HST models) or the code-protected anti-theft function.