



TurboV50
V50 Cruiser







TurboV50 ***V50 Cruiser***

Power
High performance
Multi-purpose
Maximum comfort



Gardening



Cleaning



Agriculture



Winter



WATCH THE VIDEOS

THE RANGE

The Turbo V50 is a high-performance machine, with a **4-cylinder, 50 HP electronically-controlled Kubota diesel engine** with particulate filter.

Equipped with a **1300 litre collector**, it is also available in a cab variant for extended use in all weather conditions.

TURBO V50



Collector capacity: 1300 lt



Drive wheels: 4WD



Speed: 12-21 km/h



Power: 50 HP

TURBO V50 CRUISER



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Power: 50 HP

CUTTING SYSTEM

The Turbo V50 range of collection decks are distinguished by the **direction of rotation of the blades, contrary to that of traditional mowers.**

The reverse rotation combined with the unique shape of the deck shell offer **excellent cutting quality and a high collection capacity even with tall, wet grass.**

The front opening of the mower, equipped with **mobile safety flaps**, prevents the grass from over-bending for a more accurate cut.

The mowers are **equipped with discs with dual pairs of shockproof swing back blades.**



3 GREAT ADVANTAGES:

1. The swing back blades absorb shocks and protect the transmission against impact with foreign objects left in the grass.
2. The dual blades prevent the accumulation of grass and soil debris in the top inside part of the mower deck, maintaining cut quality

uniform throughout the session, and reducing downtime for cleaning the deck.

3. The cut material is reduced to very small particles, improving collection and compacting in the collector.



Blade transmission by mechanical reducers and helical bevel gears in an oil bath **is robust and reliable.**

The decks are floating to naturally follow terrain contour and therefore obtain a **perfect cut.** The deck wheels are puncture-proof with solid rubber tyres.

The exclusive **cutting height adjustment** is set by turning a single lever, very quickly and effortlessly.

The hydraulic vertical positioning system of the mower allows **easy access to the underside** of the mower, making maintenance and cleaning operations very easy.

COLLECTOR

The large collector is equipped with a filtering screen and a **warning buzzer and visual warning to indicate when the collector is full. The filter is easily removable for cleaning.**

The buzzer advises the operator to disengage the PTO when the grass catcher is full, to prevent clogging the collecting duct.

The powered swivel spreader compacts grass and fills the hopper evenly by making the most of its capacity.

An efficient high-lift dump allows the operator **to easily and rapidly discharge the cut grass** directly into a truck or a trailer.

The collector can optionally be equipped with a dust filter to minimise the exit of dust and collected material.

It is self cleaning with a hydraulic motor, it operates at each collector dumping, and **it is easy to wash at the end of the job.**





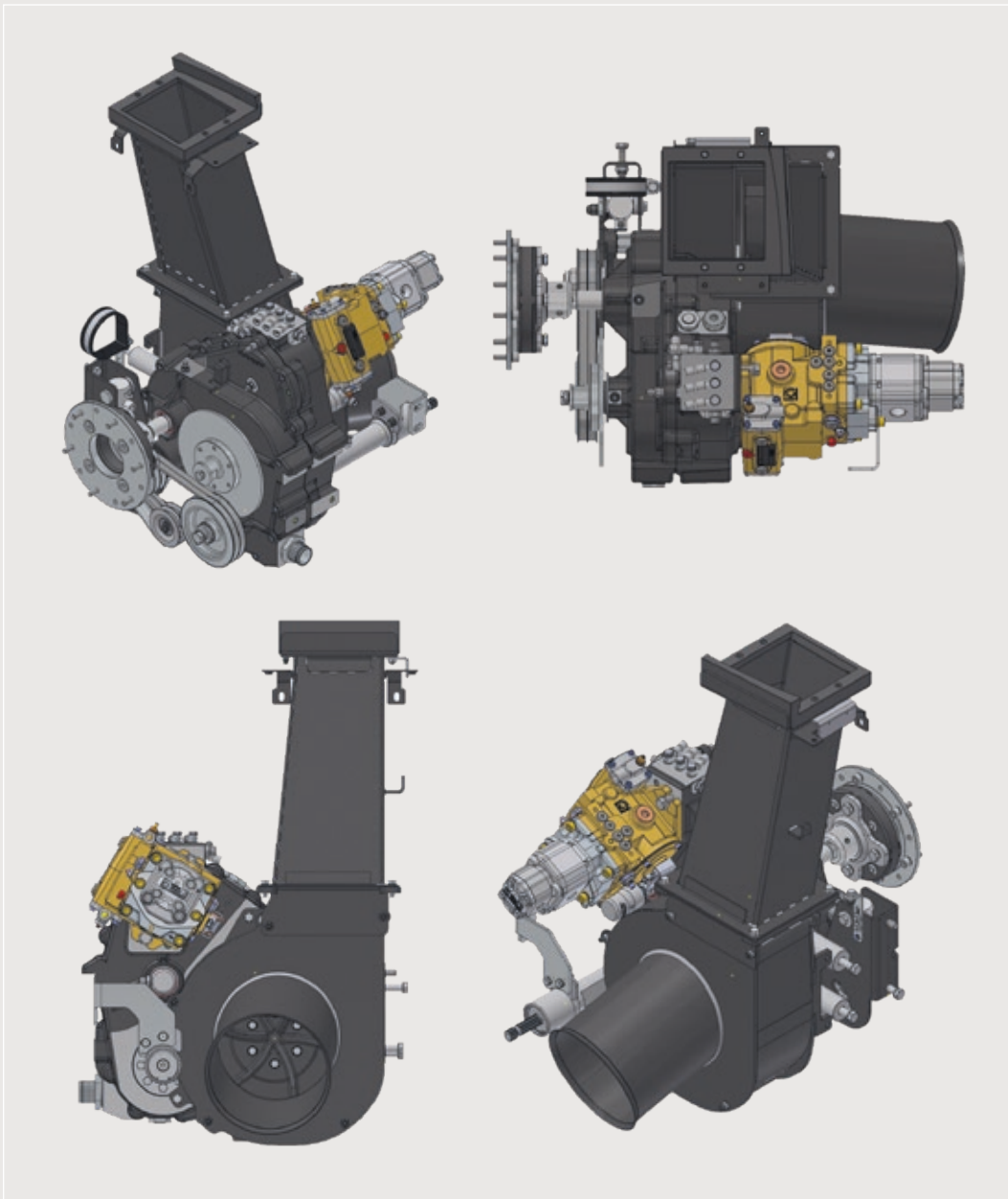
INTEGRATED COLLECTION SYSTEM

The machine features an integrated collection system: the suction turbine and the collection hose are housed inside the traction unit.

The belt drive has been almost completely eliminated on the Turbo V50 and V50 Cruiser collection turbine, remaining only for its operations, which can be switched on or off

depending on the chosen equipment via a button.

The belt drive has been replaced by a gearbox with an oil bath clutch for long life and less maintenance.



Gearbox with an oil bath clutch, chimney and collection turbine.

V50 DRIVER'S POSITION

The Turbo V50 platform has been designed to offer a **large and comfortable driving area**.

On the tilt- and height-adjustable steering column there is a dashboard equipped with a liquid crystal monitor with a button for menu navigation and some main controls. In addition, there are rocker switches in front of the operator for activating/deactivating certain functions, including the differential lock.

The Turbo V50 is equipped with a fully reclinable side armrest with control panel, where a series of rocker switches for engaging/disengaging PTO, speed change,

front tool lift, elevator and collector emptying are located.

4 auxiliary buttons are available for operating optional equipment.

The engine accelerator lever is located on the side of the dashboard.

2 hydraulic and 1 electrical outlets for quick coupling and uncoupling of equipment are located under the foot-platform.

The Turbo V50 and V50 Cruiser are equipped with a **comfortable seat with air suspension and height adjustment**. Heated version also available on request.



V50 CRUISER DRIVER'S POSITION

The Cruiser version of the Turbo V50 offers the operator the **possibility of working in even greater comfort.**

The cab is mounted in isomounts, equipped with an amplification system, speakers, Aux

connection, USB socket, pollen filter, heating and air conditioning as standard, **it allows you to spend long working hours protected from dust and adverse weather conditions.**



Design features:

- Cab suspension on 4 silentblocks to isolate the driver's position from the rest of the machine;
- Only 2 metres high;
- Headlights, turn signals, rear-view mirrors and rotary lamp for road traffic;
- Access from both sides; removable doors.
- Tilt- and height-adjustable steering column with a dashboard equipped with a liquid crystal monitor and latest generation software with a button for menu navigation. Column shape and control layout as on the machine with platform. In addition, a rocker switch for windscreen washer and wiper.
- Side armrest with control panel, which is fully reclinable as with the V50;

- Radiators for hydraulic system and air conditioning;
- 7 airflow vents;
- Amplified stereo speakers with connection for an MP3 player;
- Air conditioning, heating system and USB socket;
- Hydraulic cabin lifting, even when engine is not running.

The V50 Cruiser is also equipped with a pollen filter.

As with the model with platform, 2 hydraulic and 1 electrical outlets for quick coupling and uncoupling of equipment are located under the foot-platform.



TRANSMISSION

All models in the range have a **front gear-driven axle with oil bath differential and differential lock**, which is coupled to a variable displacement hydraulic piston motor. Also at the rear, the oil bath gear axle is combined with a variable displacement

hydraulic piston motor.

In addition, **all models have a HTC traction control system**, which guarantees optimal traction even when turning and with no sliding.



SAFETY

Apart from the V50 Cruiser model with cab, all **V50 are equipped with ROPS, a protective device in case of a machine roll over**, to which a canopy can be fitted **upon request**,

which is useful as sun and rain protection and also protects the driver from branches when working under trees.





1 Collection deck**150 RCA****180 RCA**

Features	2 Reverse Rotation discs with retractable blades	
Working width	150 cm	180 cm
Overall dimensions (Length/Width/Height)	107×134×32 cm	118×185×35 cm
Cutting height adjustable via lever	Da 2 a 8 cm	From 2 to 8 cm
Weight	180 Kg	200 Kg

2 Mulching deck with rear discharge 165 Inline™

This series of mower deck offers the possibility to change from one type of cutting to another with ease.

Features	4 discs with retractable blades
Working width	165 cm
Overall dimensions (Length/Width/Height)	105×165×30 cm
Cutting height adjustable via lever	Da 2 a 8 cm
Weight	190 Kg
Transmission	Gears in oil bath

3 Mulching deck with rear discharge 190 Inline™ Dual Cut™

This series of mower deck offers the possibility to change from one type of cutting to another with ease.

Features	4 discs with retractable blades
Working width	185 cm
Overall dimensions (Length/Width/Height)	110×195×30 cm
Cutting height adjustable via lever	From 3 to 9 cm
Weight	230 Kg
Transmission	Gears in oil bath

4 Flail mower TEG 1600

Working width	150 cm
Overall dimensions (Length/Width/Height)	154×177×53 cm
Weight	240 Kg

5 Collection flail mower 3×1 Plus Smart System 160

Equipment that offers three different types of use according to work requirements: possibility of cutting with collecting, cutting without collecting and aeration. Suitable for cutting fine grass on elegant lawns and for clearing rustic areas in presence of brushwood and very tall grass.

Working width	155 cm
Standard supply	Spoon blade kit and vertical blade kit (50 blades)
Overall dimensions (Length/Width/Height)	130×180×50 cm
Cutting height adjustable via lever	Da 0,5 a 8 cm
Weight	345 Kg

1 One-stage collection sweeper TS 150

Equipment provided with 2 hydraulic motors, composite plastic/steel brushes and electrical side-shifting of floating brushes.

The vacuum hose can be directly fitted to the sweeper.

Working width	150 cm
Brush diameter	60 cm
Optional	Two tanks for 100 litres of water with three sprayers, 2 front wheels for use on gravel. Humidification system
Overall dimensions (Length/Width/Height)	117×157×45 cm
Weight	125 Kg

2 Two-stage collection sweeper SMG 150

Equipped with hydraulic transmission and double brush.

Working width	150 cm
Brush diameter	60 cm
Optional	Two tanks for 100 litres of water with three sprayers. Humidification system
Overall dimensions (Length/Width/Height)	135×150×32 cm
Weight	120 Kg

3 Rotary sweeper for unfilled artificial turfs

Working width	100 cm
Roller diameter	50 cm
Overall dimensions (Length/Width/Height)	150×123×31 cm
Weight	98 Kg
Hydraulic angle	± 30°

4 Sweeper for cleaning artificial turfs with sand and rubber infill

Working width	100 cm
Brush diameter	50 cm
Overall dimensions (Length/Width/Height)	155×105×52 cm
Weight	124 Kg
Hydraulic angle	± 30°

5 Vacuum

Polycarbonate hose.

Used in all seasons to vacuum up dry leaves, pine needles to ensure easy cleaning of public and private areas, pavements and car parks.

Length	500 cm
Diameter	16 cm
Weight	10,5 Kg

6 Snow blade

Hydraulic orientation.

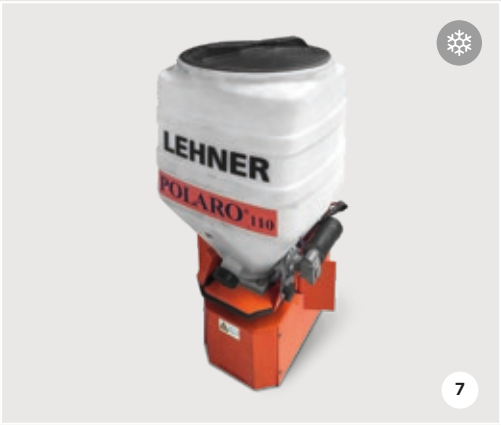
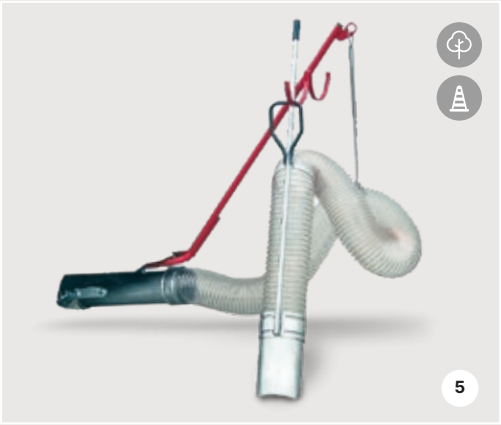
Working width	175 cm
Overall dimensions (Length/Width/Height)	131×180×65 cm
Weight	150 Kg

7 Polaro salt spreader 110- 170

Capacity	100 lt	170 lt
Spreading width	From 80 to 600 cm	From 80 to 600 cm
Weight	40 Kg	65 Kg

8 Roller anti-dust filter

Overall dimensions (Length/Width/Height)	122×30×92 cm
Weight	75 Kg



TURBO V50

TURBO V50 CRUISER

Motor

Manufacturer	Kubota	Kubota
Model	V2403-CR-E5	V2403-CR-E5
Fuel	Diesel	Diesel
Emissions	Stage V	Stage V
Cylinders	4	4
Cylinder capacity	2434 cc	2434 cc
Power	50 HP	50 HP
Cooling	Liquid	Liquid
Fuel tank capacity	40 liters	40 liters

Transmission

Transmission type	Hydrostatic transmission	Hydrostatic transmission
Forward speed	12-21 km/h	12-21 km/h
Forward / Reverse motion	Double pedal operation	Double pedal operation
Traction control	HTC-VD System	HTC-VD System
Mechanical differential lock	●	●
Driving wheels	4WD	4WD
Power take-off engagement system	Electro-hydraulic engagement by button	Electro-hydraulic engagement by button
Brakes	Hydrostatic service brake. Disc parking brake on front axle	Hydrostatic service brake. Disc parking brake on front axle
Steering system	Power steering wheel with reduced-radius steering on rear wheels	Power steering wheel with reduced-radius steering on rear wheels

Collection system

Type of vacuum	Integrated, central mounting	Integrated, central mounting
Drive switch / Turbine block	●	●
Collector	In polyethylene. Buzzer warning of full load. Powered spreader for full packed load. Removable filtering screen for maintenance	In polyethylene. Buzzer warning of full load. Powered spreader for full packed load. Removable filtering screen for maintenance
Collector capacity	1300 liters	1300 liters
Maximum emptying height	230 cm	230 cm
Overhang at maximum height	50 cm	50 cm

Dimensions and weight

Front wheels	24×12-12	24×12-12
Rear wheels	20×10-8	20×10-8
Length/ Width/ Height with ROPS	299x124x217 cm	306x123x210 cm
Length/ Width/ Height without ROPS	299x124x195 cm	-
Weight (without equipment)	1650 kg	1845 kg







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