

**INNOVATIVE  
COMFORTABLE  
PRODUCTIVE**

# REX4



## REX4 F S GE GB GT V

4-080 • 4-090 • 4-100 • 4-110 • 4-120

**Landini**

Passion for Innovation.



## LANDINI REX4, INNOVATIVE BY TRADITION

Sometimes innovation is so ground-breaking it becomes a revolution. With its innovative **REX4** tractor range, Landini sets a benchmark for specialist tractors around the world.

The Argo Tractors Group has always focused on the integration of resources and specialisation. A winning strategy, which has allowed the Group's design engineers to further refine the already innovative features of the REX range.

The new **REX4** introduces profound technical and functional improvements. Its ability to meet the most exacting demands of modern farming marks a breakthrough in the speciality tractor segments in terms of technologies, ergonomics, comfort, flexibility and design.

The **REX4** knows how to stand out: the sleek, dynamic lines of the bonnet, the Full LED lights seamlessly integrated into the front grill and the Lounge cab with its flat-deck platform give it an automotive look and feel. A contemporary design which reflects the very essence of Landini's mission: to offer maximum innovation, productivity and comfort, as per tradition.



# REX4



# HIGHLIGHTS

- Version with flat-deck platform cab. Platform low-deck version for a more comfortable working position.
- Superior finishes and ergonomic controls.
- Speed Four transmission: 4 speeds for 3 ranges, which become 4 with the Creeper, and mechanical or power reverse shuttle. Available: Hi-Lo (Power four); High-Medium-Low (T-Tronic); High-Medium-Low RoboShift with robotised control of the 3 gears under load and speeds.
- Besides the rigid-mounted type, a new front axle with suspension system is available as an option for all F, S and GT models.
- Widest choice of hydraulic circuit configurations in this segment, to provide bespoke solutions to the most diverse application needs of every farmer.
- New Deutz-AG Stage V / Tier4 Final engine, 2.9 litres, 4 cylinders and outputs from 75 to 112 HP.
- Open centre hydraulic circuit: double pump with 58 + 30 l/min or triple pump with 30 + 58 + 36 l/min. At 1,500 rpm it already delivers a flow rate of 54 l/min.
- New technological equipment: ISOBus, DSM monitor, telemetry and ADS plus precision steering ready.

2 versions of **REX4** are available: Cab, with F, S, GT, V models; Platform, with F, GE, GB, GT models. The range offers a choice of transmissions and a variety of front and rear axles providing different wheelbase sizes, ground clearances and track widths. The series comes in 6 models to suit specific applications:

**F model** for traditional orchards: ideal for work in small and medium orchards.

**S Model**, for narrow orchards and potted plants: it features the track width of the F model and the narrow cab of the V model.

**GE Model** for low orchards: perfect for moving under low-hanging row crop branches.

**GB Model**, Gran Basso: designed for cultivation under tents and in greenhouses.

**GT Model** for wide-row orchards: maximum comfort ideal for orchards with wide row orchards and open field work.

V Model, for vineyards: specific for working between the narrow rows of vineyards.



## CAB

Total visibility, maximum comfort, Category 4 protection. [page 6](#)

## SATELLITE-BASED GUIDANCE

Higher accuracy, greater productivity. [page 24](#)

## ISOBUS

Easy and efficient implement management. [page 25](#)

## HYDRAULIC SYSTEM

Innovative, high-performing, configurable. [page 20](#)

## ENGINE

A Stage V soul. [page 34](#)

## SUSPENDED AXLE

Unmatched manoeuvrability and comfort. [page 18](#)

## EXHAUST

Emissions under control. [page 35](#)

## TRANSMISSION

Versatile and tailored to suit every need. [page 14](#)

## ELECTRONIC HITCH

Powerful and easy to use. [page 22](#)



*From the cab  
I have a complete field  
of view, even on the implements.  
And then the suspensions are fabulous,  
it has a flat deck... for me it is really  
comfortable. And the filter system?  
Absolutely perfect! I can finally  
carry out the treatments  
in complete safety...*

*Robert*

## **LOUNGE CAB: ALL-ROUND VISIBILITY AND FIRST-CLASS COMFORT**

The Lounge Cab is a true mobile office where working becomes fun. Its 4-post structure guarantees 360° all-round visibility. In addition, easy access thanks to the hinged doors at the rear, the clear flat-deck platform, adjustable operator driving seat, ergonomic controls, automotive inspired materials and air conditioning make this cab a perfect working environment whatever the season.

On the F and GT models, the outer cab width is 1,205 mm, whilst on the S and V models it is 1,000 mm.

# **VISIBILITY**



## MADE-TO-MEASURE DRIVING POSITION: MORE COMFORT, BETTER CONTROL, GREATER PRODUCTIVITY

The interior of the **REX4** Lounge Cab is inspired by the automotive industry to offer the operator a more comfortable driving and working environment. Here you have everything under control and within reach. The digital instrument panel keeps you constantly informed on the tractor performance; the telescopic tilt-adjustable steering column is designed to tilt with the dashboard; the driver's air suspension seat provides maximum seating comfort; the joystick and all control levers and pedals are ergonomically positioned for maximum ease of operation. These qualities guarantee greater comfort for the operator and better control of the work, resulting in increased productivity.

# HIGHLIGHTS

- Four-post design for unmatched all-round visibility.
- Flat-deck platform for perfect comfort.
- Air-suspension seat, tilt-adjustable telescopic steering wheel.
- Ergonomically-arranged controls. Monitor support bar available, with adjustable stand.
- Automotive inspired set-up.
- Best-in-class heat and sound insulation.
- Category 4 protection for maximum operator safety during pesticide spraying.
- Suspended cab on Hydro-Silent Blocks. Suspension on mechanical spring-loaded shock absorbers is also available.



### ADVANCED DRIVING SYSTEM AND PRECISION STEERING: ALL-ROUND ADVANTAGES

Working row crops is challenging, because driving the tractor and operating the implements simultaneously requires utmost attention. To increase comfort and productivity, McCormick has introduced the Advanced Driving System (ADS). This new driver assist technology allows the tractor to manage the driving trajectory, enabling the operator to fully focus on their task. Seamlessly integrated with the Precision Steering Management (PSM) satellite guidance system, the ADS follows precisely the planned trajectories, without the need for additional devices. Moreover, the ADS makes the steering wheel stiffer as the speed increases and softer when maneuvering, allowing the wheels to automatically return to a straight position after a turn. The ADS system also adapts the vehicle's driving behavior to the ground conditions, reducing impacts and vibrations.

### SUSPENDED AXLE AND CAB: COMFORT AND PRODUCTIVITY

The **REX4** Lounge Cab is suspended on Hydro-Silent Blocks. The F and GT models can be equipped with mechanical spring-loaded shock absorbers, with a vertical travel of up to 60 mm. On the F, S and GT models, the front axle can be suspended: vibration-proof solutions for a more comfortable working environment. Because Landini is well aware that more comfort means more productivity.

### EXCELLENT CLIMATE CONTROL

A super efficient air conditioning system, located on the cab roof, creates an ideal working environment for every season of the year. The climate controls are conveniently integrated into the overhead console on the driver's left-hand side. Natural ventilation is ensured by the opening front and rear windscreens.

### QUIETNESS AND SAFETY ON BOARD

The Lounge Cab features an excellent soundproofing and pressurisation system which creates a quiet and dust-free working environment. In addition, a Category 4 activated carbon filter protects the operator from contamination during the application of pesticides.





## MURGO WINERY

Landini is partner in excellence with the **Murgo** winery. Established in 1860, the **Murgo wine estate** is located on the slopes of the Mount Etna, where the fertile volcanic soil and a unique microclimate provide an ideal grape-growing environment. Native grape varieties, manual harvesting, low yields and careful attention to every step of the winemaking process create a complex wine with a unique character. The **Murgo estate** also produces citrus fruits and superior extra virgin olive oil obtained from Nocellara Etna olives, a cultivar from the Etna region that produces oils of great elegance. A strong commitment to environmental respect and the continuous pursuit of quality excellence have led the **Murgo** winery not only to adopt organic farming practices, but also to develop its own more stringent production and marketing specifications. On the volcanic slopes of the Mount Etna, tradition and innovation blend together shaping the history of the Murgo winery.



## ROOMY OPEN PLATFORM FOR COMFORT AND EASE OF OPERATION

The **REX4** platform features an innovative design which combines beauty and functionality. The sleek, dynamic lines of the bonnet and the rounded profile of the fenders allow this tractor to easily work under low hanging row-crop orchard branches. The end result is a spacious, comfortable and safe driving position ensuring exceptional all-round visibility, thereby maximising productivity.

# PLATFORM

# PLAT

## HIGHLIGHTS

- Spacious and comfortable platform mounted on Hydro-Silent Blocks.
- Ease of access to the driving position, obstacle-free.
- Maximum 360° all-round visibility.
- User-friendly and easy controls.
- GB model offers the lowest driving position in its class.
- All elements above the bonnet line can be folded away.

## MAXIMUM COMFORT AND LESS FATIGUE: ALL FOCUS IS ON THE OPERATOR

Wide platform, mounted on Hydro-Silent blocks, to reduce the stress rising from the ground; easy access to the driver's position; excellent space between the steering wheel and the seat; user-friendly controls: on the **REX4** model everything is designed to facilitate the operator's movements, reduce fatigue and guarantee maximum comfort.

*The branches in my orchards are low, but my new **REX4** Platform doesn't seem to notice it... And then I also have a complete field of view, it is really comfortable and maintenance takes just a few seconds. What more could one ask for...*

*William*



### FOLDING ROPS

The ROPS is equipped with pneumatic cylinders to aid raising and lowering of the frame.

## EASIER MAINTENANCE

Swifter maintenance means reducing costs and, above all, achieving higher productivity. Landini knows this, and has studied a series of solutions to simplify these operations, reducing machine downtimes:

1. The fuse box is located in a central console compartment, protected by a practical one-click flap.
2. The electronic control unit box is installed behind the seat and is easy to access.
3. The clutch cable and reverse shuttle are easy to access for servicing, thanks to the removable panels on the side of the central tunnel.
4. Immediate access to components under the platform and electrical wiring, thanks to the central tunnel cover.
5. Easy access to the rear components, for servicing the spool valves and the hitch: by unscrewing the platform supports, the rear part can be raised by up to 50 mm without having to remove it.



## REX4 GRAN BASSO, FOR THOSE WHO SET THEIR SIGHTS HIGH

The **REX4** GB Gran Basso is the ideal solution for cultivation with row-crops in tunnels, in greenhouses or with foliage hanging downwards, as in kiwi plantations. Its advantages include: the lowest driver's seat in its class; steering wheel and backrest below the bonnet line, with a steering wheel height of just 1,280 mm; folding ROPS and license plate holder.



# EFFICIENT



## BESPOKE TRANSMISSION, TO SUIT EVERY NEED

The **REX4** is equipped with a Speed Four transmission: 4 synchronised gears and 3 mechanical speed ranges, for a total of 12 FW + 12 RV. With the Creeper it reaches 16 FW + 16 RV. The Speed Four transmission is modular, so it can be customised with the following options:

- **Power Four:** 2 gears under High-Low load, 24 FW + 24 RV; with the Creeper: 32 FW + 32 RV.
- **T-Tronic:** 3 gears under High-Medium-Low load, 36 FW + 12 RV; with the Creeper: 48 FW + 16 RV.
- **RoboShift:** robotised gearbox, 36 FW + 12 RV; with the Creeper: 48 FW + 16 RV, for maximum comfort.

# HIGHLIGHTS

*I was recommended and chose the RoboShift transmission... Now I control everything from the joystick, without levers... I can concentrate more on my work and I can breathe better in the cab. I have to tell you: once you try it, there is no going back.*

Frank

- RoboShift H-M-L transmission, with robotised control of the 3 gears under load and the 4 driving gears, using the electronic multifunction joystick.
- Reverse Power Shuttle, with electronic adjustment of engagement sensitivity.

## ECO FORTY FOR REDUCED FUEL CONSUMPTION AND NOISE

In the fast range, the Eco Forty system installed in the standard version of the Power Four, T-Tronic and Robo-Shit transmissions, provides a top speed of 40 km/h at an engine speed of just 1,750 rpm, resulting in increased fuel economy and lower noise during relocation and road transport.

TRANSMISSION COMBINATIONS AVAILABLE FOR REX4 CAB	
SYNCHRO SHUTTLE	12AV+12R
CREEPER + SYNCHRO SHUTTLE	16AV+16R
POWER FOUR + CREEPER + SYNCHRO SHUTTLE	32AV+32R
POWER SHUTTLE	12AV+12R
CREEPER + POWER SHUTTLE	16AV+16R
POWER FOUR + CREEPER + POWER SHUTTLE	32AV+32R
T-TRONIC + POWER SHUTTLE	36AV+12R
T-TRONIC + CREEPER + POWER SHUTTLE	48AV+16R

## CHOICE OF MECHANICAL OR POWER REVERSE SHUTTLE AND DE-CLUTCH

The standard **REX4** is fitted with a mechanical reverse Synchro Shuttle. Optionally available is a Reverse Power Shuttle with automatic engagement and disengagement of the clutch and response modulation to suit operating conditions. This system protects the equipment and the tractor from restart shocks and ensures the operator maximum driving comfort. Transmissions equipped with the Reverse Power Shuttle are fitted with a De-Clutch button, located on the gear lever, to allow gear engagement without using the clutch pedal.



## ROBOSHIFT ROBOTISED TRANSMISSION, ADVANTAGEOUS INNOVATION

The RoboShift transmission has a power-assisted gearbox on both the 3-gear H-M-L load and the Speed Four driving 4-gear versions. RoboShift is the transmission with the most advantages:

**More Comfort:** the RoboShift robotised gearbox is managed by the simple and practical multi-function joystick, providing extra Comfort.

**More productivity:** the RoboShift electronic gearbox allows the operators to choose between the extreme simplicity of working in manual mode, which allows them to manage the gearbox with two buttons, and the extreme comfort of working in automatic mode, which automatically identifies the best gear speed, leaving the operators free to concentrate on the work, to the advantage of productivity.



## POWER TAKE-OFF AT 2 OR 4 SPEEDS

The power take-off is available with 2 different speeds: 540 / 540E or 540 / 1,000 rpm. The PTO is also available in 4 speeds: 540 / 540E / 1,000 / 1,000E rpm.

An Auto PTO feature, available in combination with the electronic hitch, will automatically disengage and re-engage the PTO at three-point linkage heights set by the operator, giving the operator precise control of the implement during headland turns. The **REX4** model can be equipped with a 1,000 rpm front PTO, fully integrated within the chassis, bringing advantages of robustness and compactness.



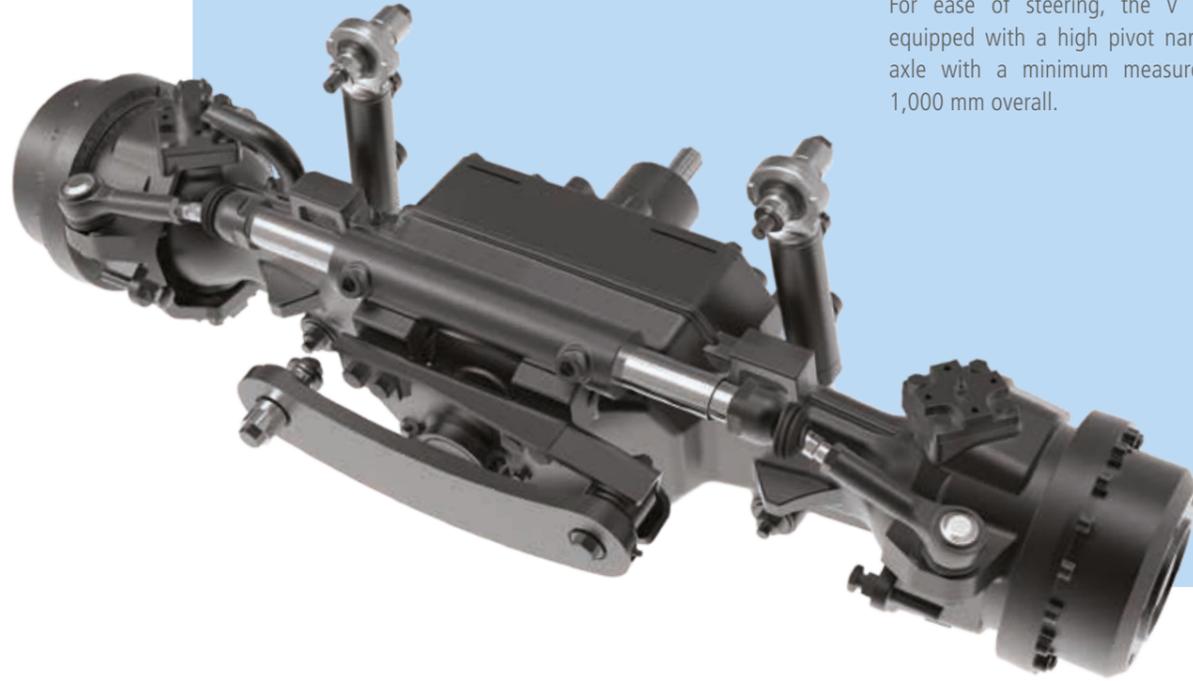
## MODULATED PTO ENGAGEMENT FOR INCREASED OPERATOR COMFORT

A power-assisted button enables modulated engagement of the PTO. This smooth and modulated engagement avoids sudden engagement of the shaft for greater operator comfort.

# AGILE

## NARROW AXLE FOR V MODELS

For ease of steering, the V model is equipped with a high pivot narrow rigid axle with a minimum measurement of 1,000 mm overall.



## SUSPENDED AXLE FOR UNMATCHED MANOEUVRABILITY

A front suspended axle system is optionally available for the F, S and GT in addition to the classic rigid axle option. This axle is equipped with a differential lock and oil bath disc brakes which, combined with the rear ones, ensure effective all-round braking on all 4 wheels. Manoeuvrability is excellent, with a steering angle of up to 55°.

The suspended axle, as opposed to the rigid version, allows the **REX4** to tackle extremely rough terrain by ensuring maximum traction on each wheel, as well as greater vehicle stability and manoeuvrability. It improves traction and handling in the field, and increases safety, speed and operator comfort on the road.

## ELECTRO-HYDRAULIC LOCKS FOR PERFECT TRACTION

Traction is always perfect even on the roughest terrain, thanks to the electro-hydraulic four-wheel drive engagement and the simultaneous locking of the Hydra-Lock differentials. The practical Auto function allows the operator to enable the engagement and disengagement during headland turns and transportation.



## WIDE CHOICE OF WHEELS, TO MEET ALL POSSIBLE NEEDS

The F and S versions are fitted with 24 or 28 inch rear tyres. For the GT version, 24-inch, extra-wide 28-inch and 30-inch oversized radii are also available, confirming its mixed vocation: wide orchards and open field.

The **REX4** can be equipped with reinforced rims for high speed generated by the high power, with an 8-position variable track. This solution allows operators to work with heavier loads and offers more stability during work activities and transport, whilst boosting productivity, comfort and safety.



# VERSATILE

## INNOVATIVE HYDRAULIC SYSTEM FOR MAXIMUM FLEXIBILITY

The new **REX4** hydraulic system is more flexible than ever before, to guarantee each and every farmer tailored solutions that meet their individual requirements.

The standard hydraulic system features a double pump that supplies 58 + 30 l/min to the rear hitch and the spool valves, and 30 l/min to the steering system. An optional 30 + 58 + 36 l/min triple pump is also available on request: the first two pumps are dedicated to the rear hitch and the rear and mid-mount spool valves and, by combining the flow rates, they reach a maximum capacity of 88 l/min, of which 54 l/min are already available at an engine speed of just 1,500 rpm; the third pump is independent and serves the steering circuit.

The hydraulic circuit configuration allows the use of up to 7 spool valves, 4 of which are mechanical or electro-hydraulic rear valves and 3 electro-hydraulic mid-mount valves.

The **REX4** can also be equipped with either a flow selector, with a diverter with 4 or 6 outputs, to control multiple elements with a single control system, or a flow diverter valve, to regulate the oil flow in the spool valves. In addition, it can also be equipped with hydraulic stabilisers, top link and right rod: 2 simple buttons manage their movements, for attaching implements or for adjustments during row-crop work.

# HIGHLIGHTS

*I grow more than one crop at my farm and I have to carry out a variety of different processes, so I wanted the new tractor to be versatile. With the REX4 I was able to configure the hydraulic circuit just as I wanted it... and I found that it is also very efficient: the fuel savings are evident.*

*John*

- Open centre hydraulic circuit: double pump with 58 + 30 l/min or triple pump with 30 + 58 + 36 l/min. Efficiency is improved thanks to the total service flow rate of 88 l/min.

## THE USER-FRIENDLY HITCH MAKES THE WORK EASIER

Fingertip controls conveniently integrated into the right-hand panel provide easy and user-friendly control of the electronic hitch. In addition, the sensors located on the lower links of the three-point linkage allow optimum improvement of hitch sensitivity for maximum efficiency of the tractor-implement combination.

### CONVENIENT HITCH CONTROLS ON FENDERS

The electronic hitch and PTO controls are located on the rear fenders making it easier to attach and control implements from the ground.

### PRACTICAL QUICK COUPLINGS

The high-quality quick-release couplings, mounted on both the front and rear of the tractor, are easily accessible for convenient and fast operation.



### A PRACTICAL JOYSTICK CONTROLS THE IMPLEMENTS

The front mid-mount control valves are controlled by a practical joystick which operates both front and mid-mount implements of the tractor. With the RoboShift transmission, a multi-function joystick controls the implements and transmission.



### PRACTICAL AND POWERFUL REAR HITCH

The Category 2 mechanical or electronic 3-point rear hitch can lift 2,700 kg. The GT models can be optionally equipped with twin hydraulic cylinders to increase lift capacity up to 3,400 kg.

### FRONT HITCH AND PTO FOR UNMATCHED VERSATILITY

The versatility of the REX4 is maximised when equipped with the electronic hitch and front PTO fully integrated into the chassis for ultimate compactness and robustness. The Category 1 to Category 2 front hitch is equipped with quick-release couplings and lifts up to 1,700 kg. The electro-hydraulic engaged front PTO reaches a rotation of 1,000 rpm.



## LANDINI DIGITAL SOLUTIONS HELP YOU CULTIVATE YOUR FUTURE

Technological innovation improves working conditions, increases productivity and protects the environment. Following this philosophy, the Argo Tractors Group has prepared its tractors for the most cutting-edge digital and telematic technologies. This will help farmers manage their machinery fleets and their farms more efficiently and remotely, wherever they are. Landini Digital Solutions offers a range of advanced functionalities:

**Telemetry and Remote Diagnostics:** Thanks to the Fleet & Remote Diagnostics Management system, telemetry monitors your fleet analysing tractor performance data, while remote diagnostics enables tractor parameters to be monitored and managed from a remote location.

**Precision Farming:** The Precision Steering Management satellite guidance system improves working accuracy and efficiency; the ISObus system ensures efficient control of implements, including in automatic mode.

**Farm Management:** Landini Farm manages prescription maps and simplifies farm management.

**Digital services:** The My Landini app provides easy access to the Landini world.

**Cloud Data:** The Agrirouter cloud platform allows integrated communication among all services.

Landini Digital Solutions give you more performance, more efficiency and more profitability while improving simplicity, safety and comfort.

# PRECISION



# FLEET & REMOTE DIAGNOSTICS MANAGEMENT: PROFIT ASSURED

Landini, a brand name that stands worldwide for passion and innovation, equips all its tractors with remote management and diagnostic capabilities. The **Landini Fleet & Remote Diagnostics Management** system helps farmers make informed data-driven decisions that will reduce their operating costs while increasing the efficiency and productivity of their farms. The system, which can be easily accessed from a computer or a mobile device, allows farmers to remotely monitor the activity of each tractor and analyse the data of their entire fleet of vehicles. This advanced solution is based upon four key elements:

1. Real-time fleet monitoring
2. Data analysis
3. Scheduled maintenance and remote diagnostics
4. Activity history

Landini is fully committed to addressing the needs of modern agriculture with concrete and effective solutions. The **Landini Fleet & Remote Diagnostics Management** system helps farmers manage their farms more efficiently by favouring the most appropriate choices in order to maintain their tractors in good working order, optimise their work and increase their business profitability.

## 1 REAL-TIME FLEET MONITORING

The system displays at all times the exact location of each tractor in a fleet and, using the Geofencing technology, notifies whenever a vehicle enters or exits a specified zone. It also measures the efficiency of each tractor by checking parameters like speed, engine hours and RPMs, fuel and AdBlue levels, average consumptions and work progress.

## 2 DATA ANALYSIS

The data coming from the tractors allow the system to measure the productivity of each vehicle in the fleet and the farm's operating profit. These data are essential to monitor and reduce costs, make predictions, organise work plans and take informed decisions.

## 3 SCHEDULED MAINTENANCE AND REMOTE DIAGNOSTICS

The tractor fleet is managed in a simple and fast manner. In case of failure, our after-sales service intervenes remotely in real time in order to adopt the most appropriate solutions and to improve the tractor's performance, thereby reducing downtime and extending the equipment's life.

## 4 ACTIVITY HISTORY

This function delimits the work areas and stores the data of the activities performed. This allows the user to better organise the work, increase efficiency and productivity and maximise profitability.



## LANDINI FARM TECHNOLOGY MAKES FARMING MORE PRODUCTIVE

Landini improves the efficiency of your farming operations. But not only this: **Landini Farm** connects your tractor to an intelligent and intuitive farm management system. This brings farmers a number of benefits in terms of time saving, work simplification and enhanced performance.

### 360-DEGREE MANAGEMENT SOLUTIONS FOR YOUR FARM

**Landini Farm** supports more than 400 different crops and allows virtually all tasks on the farm to be accomplished, including crop management, tracking and planning of field activities, advice on crop protection and irrigation practices, creation and exchange of prescription maps with monitoring of costs and sustainability, export of documents.

### CONNECTED TO YOUR LANDINI

By connecting your Landini to the **Landini Farm** app, you can view performance levels and reports on the farming activities carried out in the fields. In addition, you can display prescription maps, A/B lines, boundaries and obstacles.

### ALWAYS AT YOUR FINGERTIPS

Whether in the field or on the farm, Landini is always at your side, thanks to the **Landini Farm** app for smartphone and tablet. And if you want to run your business from your computer, you may access the web version synchronised with the mobile devices.

### SIMPLE AND INTUITIVE

**Landini Farm** is designed to be clear and user-friendly. A support chat answers questions about the use of the app.

 3.18°

 - 0.85°

 18.05°

 7.5 km/h

 7.3 mm



## PRECISION STEERING MANAGEMENT FOR PRECISION PERFORMANCE

Precision farming has been in existence ever since man started to cultivate land. Today, thanks to technological development, precision farming is carried out with cutting-edge tools that improve efficiency and increase productivity.

Landini uses the innovative **PSM (Precision Steering Management)** system, a set of integrated devices for satellite-assisted guidance that can be managed from the tractor cab via a simple touch screen, on which the tasks to be performed in the field can be easily imported. Thanks to the precise automated steering control, the tractor only deviates 2 cm from the desired route, eliminating overlaps. This helps operators work with more speed and accuracy and reduces operating costs and environmental impact while raising efficiency and productivity in the field.

## ISOBUS & ISOBUS GREEN MAKE YOUR WORK SIMPLE AND EFFICIENT

In 2015, Argo Tractors received the AEF ISObus certification. The **ISObus** system is the standard protocol through which the on-board computer communicates with the tractor and implements. The automatic control of **ISObus**-compatible implements allows variable-rate applications to be delivered through prescription maps generated by Landini Farm. All **ISObus**-compatible implements are managed via a DSM 12" touch screen monitor to improve operating efficiency and productivity.

Landini is a leading participant in the innovative **ISObus Green** project. This project allows farmers to retrofit their mechanical implements with the technology so as to connect them to the tractor's **ISObus** system. This solution maximises the efficiency of every implement.

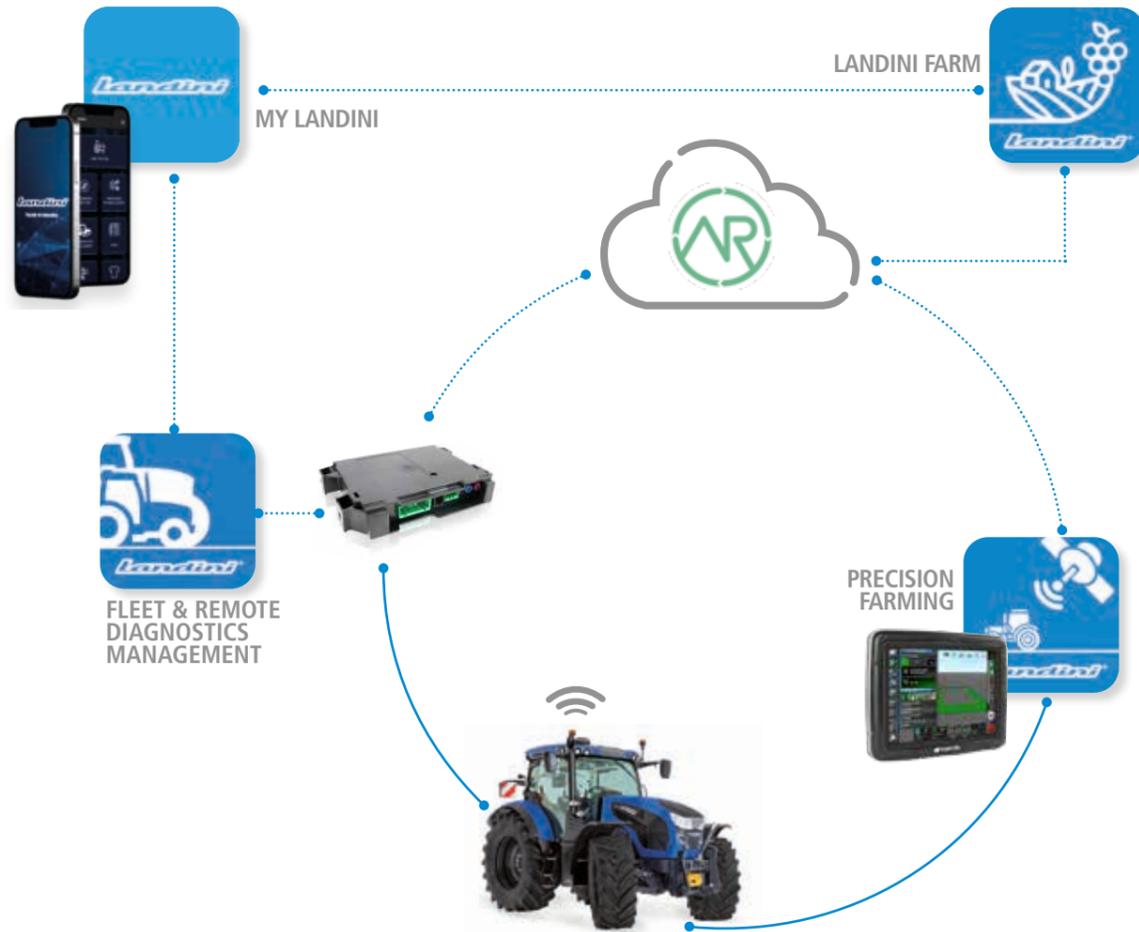
## PRECISION STEERING MANAGEMENT & ISOBUS BRING BENEFITS TO THE FIELD

The *Precision Steering Management* and the **ISObus** system are innovative technologies adopted by Landini to increase efficiency and productivity while improving comfort and safety:

- All implement activities are managed with a high level of accuracy, including in automatic mode.
- Difficult manoeuvres are simplified, thereby reducing operator fatigue.
- When the driver must attend to driving and simultaneously control the implements, the PSM satellite-based guidance system will allow them to fully concentrate on the task at hand.
- The satellite guidance system tracks field operations with maximum accuracy. Thanks to the RTK protocols, the automatic steering allows a deviation of only 2 cm

from the set route.

- Reducing the travelled distance in the field reduces tractor and implement wear and tear and saves fuel.
- The use of variable-rate applications based on prescription maps generated by the Landini Farm platform eliminates skips and overlaps, minimizing product waste. Variable-rate technology reduces overuse of water, seed use by 10%, fertilizer use by 16% and herbicide use by up to 60%.
- Chemical residues are also reduced with significant benefits for the environment.
- Reports and pre-setting operations are simpler and can be done autonomously without recourse to skilled personnel
- The PSM technology integrates seamlessly with the ADS system to precisely execute the planned driving trajectories without requiring additional devices..



## ARGO TRACTORS FLEET ROUTER MANAGEMENT SIMPLIFIES YOUR WORK

The new digital technologies have rapidly multiplied the sources and destinations of data. Today, it is paramount for both small farmers and large agricultural businesses to enable different systems to communicate with each other. For this reason, on March 30, 2023, Argo Tractors has become an **Agrirouter** certified partner with the account *Argo Tractors Fleet Router Management*. **Agrirouter** is a universal data exchange cloud platform that allows the interchange of information between machinery, equipment and software of different manufacturers. **Agrirouter** links different sources and platforms, simplifying the operating processes and ensuring data confidentiality. The operator keeps everything under control with a single system. By connecting the tractor to the implements, including those from different manufacturers, and to the Landini Farm platform, a simple and efficient integrated management of both machinery and farm is achieved.



### MY LANDINI APP, WELCOME TO LANDINI'S HOME

The intuitive **My Landini** app offers the user a 360-degree immersive experience through our Digital Solutions. The **My Landini** app gives you easy access to all Landini digital services, allowing you to stay connected with the company through news, insights, offers and customised information. With **My Landini** you can:

- Register your Landini tractor fleet and access the scheduled maintenance program.
- Access the Landini Fleet & Remote Diagnostics Management system.
- Access the Landini Farm platform.
- Stay updated with the very latest news and events from the Landini world.
- Stay informed on promotions and offers of tractors, original spare parts and services.
- Stay updated with new products, promotions and events from the nearest dealer.

Landini is always at your side. With the **My Landini** app you have the whole Landini world at your fingertips, so you stay informed and optimise your work making it more efficient and productive.

# MY LANDINI



# POWERFUL

## A NEW HEART BEATS UNDER THE BONNET OF THE REX4: THE DEUTZ-AG TCD STAGE V ENGINE

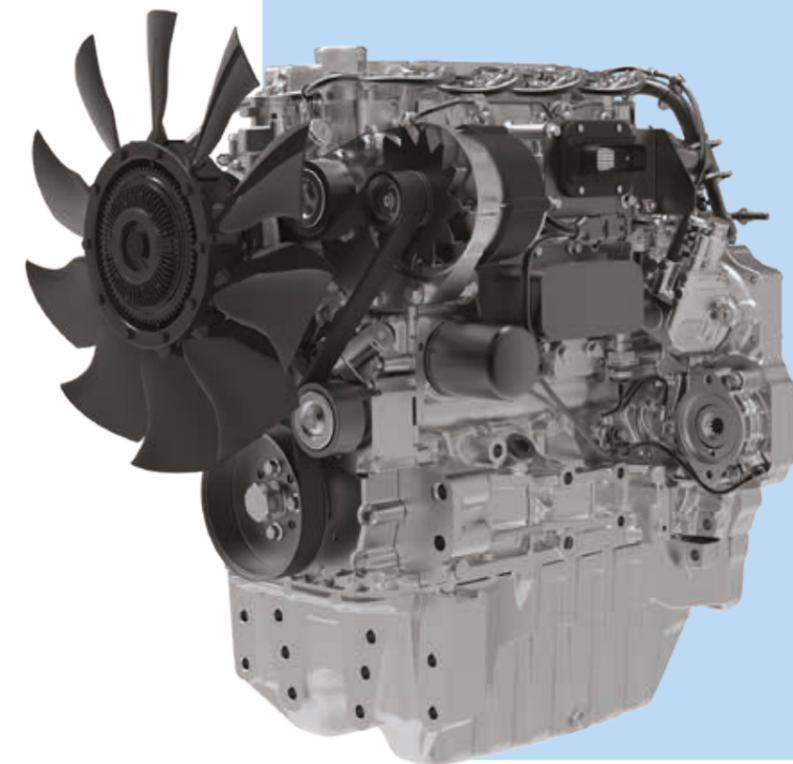
The **REX4** is equipped with the state-of-the-art generation of Deutz-AG TCD Stage V, 2.9-litre, 4-cylinder engines from 75 to 112 HP, Turbo intercooler and Common Rail electronic injection. With a maximum power of between 1,500 and 2,000 rpm, these engines are outstandingly efficient: they deliver higher power, cut fuel consumption and offer greater versatility in use. The fuel tank capacity is 65 or 85 l, depending on the version. The fuel consumption is reduced to a minimum thanks to the passive generation of exhaust gas and the presence of the Engine Memo Switch, a device which allows the operator to store and recall the engine speed most suited to the implement used.

*The engine of my new **REX4** has proved to be efficient, there is no doubt about it. It's bold, it consumes less, it requires less maintenance... so it saves me time... and the Stage V system hidden under the bonnet gives me a clear working view.*

*Richard*

## STAGE V ENGINES: CONTROLLED EMISSIONS

Landini **REX4** complies with Stage V emission standards with innovative technologies: a passive regeneration DPF particulate filter; a DOC oxidation catalyst; the SCR selective catalyst reduction system for models with over 75 HP; and a 7.5 l AdBlue tank, with quick top-up system. These exhaust gas processing systems are located under the bonnet, without front or side encumbrance, and without increasing the height, to ensure maximum compactness of the tractor and to preserve all-round visibility during work.





## QUICK MAINTENANCE TO GET YOU BACK UP AND RUNNING

The **REX4** is a cornerstone when it comes to reliability and productivity. This is seen in the countless solutions designed to simplify and speed up maintenance:

1. Much longer servicing intervals: increased to 1,000 hours.
2. The bonnet opens completely and the side panels can be removed to provide easy access to the engine compartment for quick servicing and maintenance interventions.
3. The oil filler cap with the dipstick is positioned in the lower part of the engine, so topping up of engine oil can be done without opening the bonnet.
4. The engine intake filter is positioned in such a way as to facilitate cleaning and replacement.
5. The radiators, fitted at the front of the engine, and the laterally-removable dust cover allow simple, fast and thorough cleaning.
6. Easy access to the front remote battery positive pole, to speed up any jump starts required with the help of cables.
7. Topping up with AdBlue is quick and easy, thanks to the flap door on the new bonnet and the special cap that allows topping up without it being unscrewed.
8. The air filters, fitted on the side of the cab roof, are easy to access and protected by quick-release grids for quick and easy maintenance.
9. Oil level in the transmission can be conveniently checked through the oil filler cap with dipstick placed on the tractor axle.





## GENUINE LANDINI PARTS, THE BEST PRODUCTIVITY COMPONENTS

Your Landini works extremely hard, yet it always looks brand new: with genuine Landini parts, time seems to stand still. The genuine parts, an integral part of the scheduled maintenance and extended warranty, are manufactured by those who know the tractor because they designed and made it, in accordance with the highest quality standards to ensure ultimate performance and safety. There are several advantages:

- > Parts are always shipped within 24 hours of receiving the order.
- > Every component has a 12-month warranty, and a tamper-proof hologram that guarantees both its quality and authenticity.
- > Landini parts are reliable and cost-effective, hence improving performance, ensuring maximum productivity and protecting the value of your tractor.

Genuine Landini parts are manufactured using all our extensive design and engineering experience: choosing Landini means choosing no-compromise quality.



## PASSION FOR INNOVATION, SINCE 1884

Giovanni Landini had a dream: to change the history of farming forever by bringing the power of machines into the fields. He pursued his goal with great determination and, in 1884, he finally realised his dream by founding the Landini company. This attitude towards design and production innovation is the quality that has distinguished Landini throughout its many years of tradition. A history characterised by deep human commitment, which, over the years, has become the authentic relationship between the Company and its people.

In 1994 Landini joined the Argo Industrial Group. The acquisition enabled the brand to expand its international presence worldwide with a network of subsidiaries and distributors. Giovanni Landini's dream was to make farm work less tiring and more productive for every farmer. This dream is still alive today, as our quality of life is closely linked to the quality of agricultural production.

	REX 4-080 F-S-V-GT	REX 4-090 F-S-V-GT	REX 4-100 F-S-V-GT	REX 4-110 F-S-V-GT	REX 4-120 F-S-V-GT
<b>ENGINE</b>					
Manufacturer	Deutz AG				
Model	TCD 2.9 L4 HT	TCD 2.9 L4 HP			
Rated power (ISO)	hp/kW 75 / 55	79 / 58	86 / 63	95 / 70	105 / 77
Max power (ISO)	hp/kW 75 / 55	90 / 66	95 / 70	102 / 75	112 / 82
Rated engine speed	rpm	2200			
Max power engine speed	rpm	1500	1700	1700	2000
Max torque	Nm	375	378	400	410
Max torque engine speed	rpm	1600			
Torque backup	%	56.0	50.0	46.3	34.9
Displacement	cm <sup>3</sup>	2900			
Cylinders / Valves		4 TA / 8			
Emissions category		Stage V / Tier IV			
After-treatment system	EGR + DOC + DPF	EGR + DOC + DPF + SCR			
Air filter system		Power Core			
Air intake system		turbo aftercooled			
Fuel injection system		electronically-controlled high-pressure common rail			
Maintenance interval		1000 hours			
Cooling system		liquid			
Fan type		○ viscostatic			
Engine Memo Switch		●			
<b>CAPACITIES</b>					
Fuel tank	l	80 (F) / 60 (S-V) / 85 (GT)			
AdBlue / DEF tank	l	-	7.5		
Coolant tank	l	5			
<b>TRANSMISSION</b>					
Type		● Speed Four - ○ Power Four (Hi-Lo) / T-Tronic (HML) / RoboShift (HML)			
No. of gears FWD+REV		● 12+12 - ○ 16+16 creeper / 24+24 Hi-Lo / 32+32 Hi-Lo+creeper / 36+12 HML / 48+16 HML+creeper			
Minimum speed	m/h	300 (F) / 280 (S-V) / 340 (GT)			
ECO engine speed at 40 km/h	rpm	○ 1750 (w/Hi-Lo/HML)			
Transmission control		● manual (Speed Four / Power Four / T-Tronic) ○ robotised with multifunction joystick (RoboShift)			
Reverse shuttle		● mechanical synchro shuttle - ○ electrohydraulic RPS with modulation control			
<b>FRONT AND REAR AXLES</b>					
Front axle		● rigid - ○ suspended (F-S-GT)			
Traction		4WD with electrohydraulic engagement			
Front differential lock		● limited slip (F-S-GT w/rigid front axle) / Hydralock (V) - ○ Hydralock (rigid / suspended)			
<b>REAR PTO</b>					
Type		● servoassisted clutch - ○ electrohydraulic multidisc clutch (w/RPS)			
Speeds	rpm	● 540-540E - ○ 540-1000 / 540-540E-1000-1000E / ground speed PTO			
Engine speeds at rated PTO speeds	rpm	1944 (540) / 1628 (540E) / 1917 (1000) / 1621 (1000E)			
Rotation - spline shaft type		clockwise (viewed from tractor rear) - 1-3/8" PTO shaft with 6 splines			
Auto PTO		○ w/electronic rear hitch			
<b>BRAKING SYSTEM</b>					
Front braking system		- (V) ○ wet multidisc brakes (w/Hydralock front axle)			
Rear braking system		wet multidisc brakes			
Parking brake		mechanical			
Trailer braking system		○ hydraulic brake as per MR & EEC directives / hydraulic brake as per CUNA regulations			
<b>HYDRAULIC SYSTEM</b>					
Circuit type - pump type		● open-centre - dual pump - ○ open-centre - triple pump			
Flow rate hitch & remotes + steering	l/min	● 58+30 - ○ 30+58+36 (88 available for front and rear hitch & remotes)			
Rear remote valves		● 2 mechanical - ○ 3 mechanical / 3 mechanical + 1 electrohydraulic / 4 electrohydraulic			
Mid-mounted remote valves		○ 1 electrohydraulic / 3 electrohydraulic			

Front quick couplings		○ 2 + 1 free flow return / 4 + 2 free flow return / 6 + 2 free flow return / 8 + 2 free flow return
Free flow oil return		●
Flow diverter w/flow selector		○ 2 / 3 sections
Hydraulic oil take-out capacity	l	● 25 - ○ 30 (w/RPS)
<b>REAR HYDRAULIC HITCH</b>		
Type		● mechanical with position/draft/mixed control ○ electronic with position/draft/mixed control
Category - coupler type		● Cat. 2 - fixed ball ends - ○ Cat. 2 - quick hooks w/mechanical or hydraulic top link
ELS Ergonomic Lift System		○ for mechanical rear hitch
Max lift capacity at hitch points	kg	● 2700 - ○ 3400 (GT w/assistor rams)
<b>FRONT HYDRAULIC HITCH</b>		
Type		○ electrohydraulic
Category - coupler type		Cat.1/2/2N - quick hooks
Max lift capacity at hitch points	kg	1700 (F-S-GT) / 1400 (V)
<b>FRONT PTO</b>		
Type		- (V) ○ electrohydraulic multidisc with modulated engagement (F-S-GT)
Speeds	rpm	1000
Engine speeds at rated PTO	rpm	1800
Rotation - spline shaft type		counter-clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 6 splines
<b>DRIVING POSITION</b>		
Cab type		○ high-visibility 4-post mono-coque cab w/flat floor and opening front and rear windows
Cab suspension		● suspended on Hydro silent blocks - ○ mechanical suspension with dampers (F-GT)
In-cab noise level	dB(A)	73
Cab air filter - filtration category		● dust filter - Cat.2 - ○ active carbon filter - Cat.4
Air conditioning		● manual A/C - ○ automatic A/C w/Cat. 4 filtration
Radio system		● radio ready - ○ DAB radio and sound system
Lights		● halogen driving and working lights - ○ LED driving and working lights
Beacon light		○ halogen / LED
<b>ON-BOARD TECHNOLOGY</b>		
Front / rear ISObus connector		○ front and rear ISObus socket
EazySteer		○ w/Advanced Driving System (ADS)
Landini Fleet Management - ready		●
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 1 year		● - on selected markets
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 3 years		○ - on selected markets
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 5 years		○ - on selected markets
<b>WEIGHTS AND DIMENSIONS</b>		
Wheelbase	mm	2140 (F-S-GT) / 2190 (V)
Height from top of cab to rear axle centre	mm	1875 (Cat.2) / 1930 (Cat.4)
Height from top of hood to rear axle centre	mm	825 (885 at hood top point)
Min-max overall width	mm	1330-1770 (F) / 1330-1770 (S) / 1000-1680 (V) / 1500-1950 (GT)
Min rear tyres - Index Radius (IR)	mm	380/70R24 - 575 (F-S) / 360/70R20 - 500 (V) / 420/70R24 - 600 (GT)
Max rear tyres - Index Radius (IR)	mm	420/70R28 - 650 (F-S) / 360/70R28 - 600 (V) / 420/70R30-480/70R28 - 675 (GT)
Shipping weight	kg	2900 - 3250 (GT)
Gross vehicle weight	kg	5250
Mounting frame for front- and mid-mount implements		● chassis with integrated mounting frame for front- and mid-mount implements ○ supports for mid-mount implements
Front weights support		built-in
Front weights	kg	○ 6x28 / 8x28 / 4x42 / 8x42 (F-S) - ○ 6x36 / 8x36 (GT) - ○ 6x28 (V)
Rear weights	kg	○ 2x45 (1 x wheel) / 4x45 (2 x wheel)

Key: ● standard ○ option - not available

	REX 4-080 F-GE-GB-GT	REX 4-090 F-GE-GB-GT	REX 4-100 F-GE-GB-GT	REX 4-110 F-GE-GB-GT	REX 4-120 F-GE-GB-GT
<b>ENGINE</b>					
Manufacturer	Deutz AG				
Model	TCD 2.9 L4 HT	TCD 2.9 L4 HP			
Rated power (ISO)	hp/kW 75 / 55	79 / 58	86 / 63	95 / 70	105 / 77
Max power (ISO)	hp/kW 75 / 55	90 / 66	95 / 70	102 / 75	112 / 82
Rated engine speed	rpm	2200			
Max power engine speed	rpm	1500	1700	1700	2000
Max torque	Nm	375	378	400	410
Max torque engine speed	rpm	1600			
Torque backup	%	56.0	50.0	46.3	34.9
Displacement	cm <sup>3</sup>	2900			
Cylinders / Valves	4 TA / 8				
Emissions category	Stage V / Tier IV				
After-treatment system	EGR + DOC + DPF	EGR + DOC + DPF + SCR			
Air filter system	Power Core				
Air intake system	turbo aftercooled				
Fuel injection system	electronically-controlled high-pressure common rail				
Maintenance interval	1000 hours				
Cooling system	liquid				
Fan type	○ viscostatic				
Engine Memo Switch	●				
<b>CAPACITIES</b>					
Fuel tank	l	65 (F-GE-GB) / 70 (GT)			
AdBlue / DEF tank	l	-	7.5		
Coolant tank	l	5			
<b>TRANSMISSION</b>					
Type	● Speed Four - ○ Power Four (Hi-Lo) / T-Tronic (HML)				
No. of gears FWD+REV	● 12+12 - ○ 16+16 creeper / 24+24 Hi-Lo / 32+32 Hi-Lo+creeper / 36+12 HML / 48+16 HML+creeper				
Minimum speed	m/h	300 (F) / 280 (GE-GB) / 340 (GT)			
ECO engine speed at 40 km/h	rpm	○ 1750 (w/Hi-Lo/HML)			
Transmission control	manual				
Reverse shuttle	● mechanical synchro shuttle - ○ electrohydraulic RPS with modulation control				
<b>FRONT AND REAR AXLES</b>					
Front axle	● rigid - ○ suspended (F-GT)				
Traction	4WD with electrohydraulic engagement				
Front differential lock	● limited slip (rigid) - ○ Hydralock (rigid / suspended)				
<b>REAR PTO</b>					
Type	● servoassisted clutch - ○ electrohydraulic multidisc clutch (w/RPS)				
Speeds	rpm	● 540-540E - ○ 540-1000 / 540-540E-1000-1000E / ground speed PTO			
Engine speeds at rated PTO speeds	rpm	1944 (540) / 1628 (540E) / 1917 (1000) / 1621 (1000E)			
Rotation - spline shaft type	clockwise (viewed from tractor rear) - 1-3/8" PTO shaft with 6 splines				
Auto PTO	○ w/electronic rear hitch				
<b>BRAKING SYSTEM</b>					
Front braking system	○ wet multidisc brakes (w/Hydralock front axle)				
Rear braking system	l/min	wet multidisc brakes			
Parking brake	mechanical				
Trailer braking system	○ hydraulic brake as per MR & EEC directives / hydraulic brake as per CUNA regulations				
<b>HYDRAULIC SYSTEM</b>					
Circuit type - pump type	● open-centre - dual pump - ○ open-centre - triple pump w/total flow availability for hitch and remotes				
Flow rate hitch & remotes + steering	l/min	● 58+30 - ○ 30+58+36 (88 available for front and rear hitch & remotes)			
Rear remote valves	● 2 mechanical - ○ 3 mechanical / 3 mechanical + 1 electrohydraulic / 4 electrohydraulic				
Mid-mounted remote valves	○ 1 electrohydraulic / 3 electrohydraulic				
Front quick couplings	○ 2 + 1 free flow return / 4 + 1 free flow return				
Free flow return	●				

Flow diverter w/flow selector	○ 2/3 sections	
Hydraulic oil take-out capacity	l	● 25 - ○ 30 (w/RPS)
<b>REAR HYDRAULIC HITCH</b>		
Type	● mechanical with position/draft/mixed control ○ electronic with position/draft/mixed control	
Category - coupler type	● Cat. 2 - fixed ball ends - ○ Cat. 2 - quick hooks w/mechanical or hydraulic top link	
ELS Ergonomic Lift System	○ for mechanical rear hitch	
Max lift capacity at hitch points	kg	● 2700 - ○ 3400 (GT w/assistor rams)
<b>FRONT HYDRAULIC HITCH</b>		
Type	○ electrohydraulic (F-GE-GT)	
Category - coupler type	Cat. 1/2/2N - quick hooks	
Max lift capacity at hitch points	kg	1700
<b>FRONT PTO</b>		
Type	○ electrohydraulic multidisc with modulated engagement (F-GE-GT)	
Speeds	rpm	1000
Engine speeds at rated PTO speeds	rpm	1800
Rotation - spline shaft type	counter-clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 6 splines	
<b>DRIVING POSITION</b>		
Cab type	○ low-profile 6-post cab with 228mm high central tunnel and opening rear window	
Cab suspension	suspended on Hydro silent blocks	
Cab air filter - filtration category	● dust filter - Cat.2 - ○ active carbon filter - Cat.4	
Air conditioning	● manual A/C - ○ automatic A/C w/Cat. 4 filtration	
Radio system	○ radio ready / DAB radio and sound system	
Platform type	● ROPS w/228mm high central tunnel	
Platform suspension	suspended on silent blocks	
Lights	● halogen driving and working lights - ○ LED driving and working lights	
Beacon light	○ halogen / LED	
<b>ON-BOARD TECHNOLOGY</b>		
Front / rear ISOBus connector	mm	○ front and rear ISOBus socket
Landini Fleet Management - ready	●	
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 1 year	● - on selected markets	
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 3 years	○ - on selected markets	
Fleet & Remote Diagnostic management and Landini Farm Pro Pack - 5 years	○ - on selected markets	
<b>WEIGHTS AND DIMENSIONS</b>		
Wheelbase	mm	2140
Height from top of ROPS to rear axle centre	mm	1710
Height from top of cab to rear axle centre	mm	1500
Height from top of hood to rear axle centre	mm	825 (885 at hood top point)
Min-max overall width	mm	1340-1690 (F) / 1415-1530 (GE) / 1400-1510 (GB) / 1510-2100 (GT)
Min rear tyres - Index Radius (IR)	mm	380/70R24 - 575 (F) / 360/70R24 - 525 (GE) / 360/70R20 - 500 (GB) / 420/70R24 - 600 (GT)
Max rear tyres - Index Radius (IR)	mm	420/70R28 - 650 (F) / 360/70R24 - 550 (GE) / 360/70R20 - 500 (GB) 420/70R30-480/70R28 - 675 (GT)
Shipping weight	kg	2800
Gross vehicle weight	kg	5250
Mounting frame for front- and mid-mount implements	● chassis with integrated mounting frame for front- and mid-mount implements ○ supports for mid-mount implements	
Front weights support	built-in	
Front weights	kg	○ 6x28 / 8x28 / 4x42 / 8x42 (F-GE-GB) - ○ 6x36 / 8x36 (GT)
Rear weights	kg	○ 2x45 (1 x wheel) / 4x45 (2 x wheel)

Key: ● standard ○ option - not available



**Landini®**

**Passion for Innovation.**

