

**SURPRISING  
COMFORTABLE  
EFFICIENT**

# SERIE 5



## SERIE 5

5-085 • 5-100 • 5-110 • 5-120

**Landini**

Passion for Innovation.



# SURPRISING



## NEW SERIE 5, CAPABLE OF SURPRISING

For over 130 years, the history of Landini has been marked by a strong passion for innovation. This long history now continues with the launch of the **Serie 5**, a range of utility tractors capable of surprising with their versatility, efficiency and comfort.

Boasting performance comparable to higher power tractors, the new **Serie 5** is a truly versatile utility tractor. Ideal for soil preparation activities like ploughing, tilling and harrowing, this handy tractor is equally perfect for sowing and haymaking. It will also handle with ease the most demanding livestock tasks and transport operations. The **Serie 5** tractor is built to perform a wide variety of jobs with maximum efficiency and reliability, while providing automotive-style superior comfort.

# 5





# HIGHLIGHTS

## Cab

- Total View Slim cab: unequalled all-round visibility and maximum operating comfort
- Mechanical cab suspension system
- Driver's seat with optional air-suspension system
- Ergonomic controls and automotive-grade fit and finish
- 8.4-inch touch screen monitor for satellite guidance and ISObus control
- Low-profile roof for easy access to low-ceiling barns and sheds

## Engine

- **Serie 5:** FPT 3.6L engine delivering up to 114 hp
- 5-085 model: FPT 3.4L engine delivering 75 hp
- Engines meeting Stage V/Tier 4 Final emissions regulations
- **Serie 5:** 135L fuel tank and 13L AdBlue tank
- 5-085 model: 103L fuel tank, without AdBlue

## Transmission

- Speed Four transmission: 12 FWD + 12 REV speeds; 16 FWD + 16 REV speeds with creeper
- Power Four transmission with two-stage Hi-Lo powershift: 24 FWD + 24 REV speeds; 32 FWD + 32 REV with creeper
- T-Tronic transmission with three-stage HML powershift: 36 FWD + 12 REV speeds; 48 FWD + 16 REV speeds with creeper
- T-Tronic transmission with three-stage HML powershift and Roboshift: 36 FWD + 12 REV speeds; 48 FWD + 16 REV speeds with creeper

## Axle

- Suspended front axle with brakes, full locking differential and electro-hydraulically operated four-wheel drive

## Hydraulic system

- Open-centre hydraulic system with up to 82 l/min flow rate
- Rear hitch with up to 4500 kg lift capacity
- Rear 4-speed PTO optional

Designed with versatility in mind, the **Serie 5** is highly customisable to meet each farmer's specific needs. Tractor key features include:

- A four-post suspended cab with all-round visibility and ergonomically-positioned controls for maximum ease of operation. A newly-designed joystick allows for convenient and precise control of both Hi-Lo and HML transmissions and provides easy operation of implements, including the front loader. In addition, the new Smart-Pilot joystick, available with the Roboshift transmission, allows easy control of the main functions of the **Serie 5** such as the transmission, reverse power shuttle, rear hitch and PTOs. The low-profile roof makes access to low barns and sheds easier, while the transparent roof hatch provides extra visibility for front loader operations.

- An innovative steering system – the ADS+ Advanced Driving System – that further improves driving comfort and operating efficiency, thereby increasing productivity.

- New FPT 3.4L and 3.6L engines meeting Stage V/Tier 4 Final emissions regulations and delivering up to 114 hp.

- A variety of transmission options ranging from the Speed Four transmission with 12 FWD+12 REV speeds to the T-Tronic Roboshift transmission with HML powershift that provides up to 48 FWD and 16 REV speeds. Each version features a reverse power shuttle (RPS) with modulation control and a creep speed unit.

- A triple-pump hydraulic system providing a flow rate of up to 82 l/min for efficient operation of all hydraulic functions and up to six remote valves.

- A front hitch and PTO system and a Landini L20 front loader available as an option.

- The Fleet & Remote Diagnostics Management system which monitors the activities of the tractor fleet, analyses the working data and performs remote diagnostics; a satellite-based guidance system for maximum working accuracy; an ISObus system for simple and efficient implement control, including in automatic mode; the Landini Farm system, a new Farm Management Information System (FMIS) that manages prescription maps and simplifies farm administration.

The **Serie 5** tractor will surprise you with its reliable performance, exceptional versatility and automotive-style comfort, making it the perfect workmate for your daily farming activities.







*When I sit inside  
this cab, I don't hear any  
noise or feel any vibration...  
And it's so comfortable! All  
controls are within easy reach  
and the visibility is exceptional.  
It's perfect for working with  
the front loader!*

*Aldous*

## TOTAL VIEW SLIM: UNCOMPROMISED VISIBILITY AND COMFORT

With the Total View Slim suspended cab and the front axle suspension, which isolate the operator from shocks and vibrations generated by uneven terrain, the new **Serie 5** achieves the goal of increasing productivity while reducing operator fatigue during long working days in the field. In addition, a new highly-efficient sound insulation system further reduces the noise level inside the cab. Everything inside the Total View Slim cab is designed to enhance operator comfort and convenience. The flat floor and the roomy interior create a spacious feel. The driver's seat is available with air suspension system and the telescopic tilt-adjustable steering column tilts with the instrument cluster. All controls are ergonomically placed and intuitive to operate. The new SmartPilot joystick allows the user to control all main tractor functions such as the transmission, power shuttle, rear hitch and PTOs. The interior features an automotive-grade fit and finish and the roof-integrated air-conditioning system maintains a comfortable working environment all year round. The innovative Advanced Driving System ADS+ further improves operating comfort, efficiency and productivity. The four-post cab design with its all-round glazing provides unobstructed view in every direction, making manoeuvring in tight spaces and at headlands easier and safer, while a transparent roof hatch provides extra visibility for loader operation. Up to 10 LED work lights ensure optimum illumination of the working area at night.

# COMFORT



# HIGHLIGHTS

- Suspended cab: low noise and vibrations for maximum comfort
- Ergonomic and intuitive controls
- SmartPilot joystick to control the Roboshift transmission and main tractor functions
- Telescopic steering wheel tilting with instrument panel
- ADS+ steering system: maximum comfort and satellite guidance system
- High-quality climate control integrated into the cab roof
- FOPS-certified roof to protect operator from falling objects
- Transparent opening roof hatch for extra visibility during front loader operations
- Up to 10 LED work lights for proper illumination during night work



## SUSPENDED CAB

The cab suspension, combined with the suspended front axle and the air suspension seat, creates a protected working environment for the operator: two silent blocks at the front and two shock absorbers at the rear with Panhard rod and a travel of up to 96 mm absorb vibrations and shocks caused by uneven terrain. In addition, the cab is designed to acoustically isolate the operator from external noise. All this makes the **Serie 5** tractor an ideal work companion that will reduce your fatigue while increasing your productivity.

## AIR CONDITIONING AND OPENING ROOF HATCH

Integrated into the cab roof, the air conditioning system ensures a comfortable working environment whatever the outdoor weather conditions. The opening transparent roof hatch improves ventilation while providing extra visibility for front loader operation.

## BLUETOOTH AND DAB+ RADIO

The DAB+ radio with Bluetooth allows listening to music also through an MP3 player, an AUX cable or a USB flash drive, while an integrated microphone enables the driver to make hands-free phone calls.



## ROPS VERSION

The tractor platform is mounted on silent blocks to reduce vibration and operator fatigue. The easily accessible driving position and the roomy interior further enhance operator comfort. Additional features include ergonomically-designed, intuitive controls and a folding ROPS with detachable sunroof.



## ADS+ STEERING SYSTEM FOR ENHANCED COMFORT AND EFFICIENCY

The innovative ADS+ Advanced Driving System is a smart electrohydraulic steering system that significantly improves tractor performance, thereby increasing comfort, efficiency and productivity. The ADS+ system offers the following advantages:

- It corrects unwanted tractor movements which are caused by terrain irregularities, further enhancing operator comfort.
- It realigns the tractor's wheels after a turn delivering a car-like driving experience.

- It adjusts the steering wheel's stiffness according to the speed of the vehicle, thereby improving stability during transport operations.

- It is prepared for the Precision Steering Management (PSM) system.

- It halves the number of steering wheel revolutions required to turn the tractor, thanks to the EasySteer feature.

## ACCESS TO DRIVING POSITION

The four-post cab design and the rear-hinged doors make access to the driving position easy and safe. Wide, sturdy access steps and comfortable handrails fitted to the cab posts and to the doors allow operators to safely climb up and down the tractor.

## WORK LIGHTS

Up to 10 powerful LED work lights provide all-round lighting for easy visibility during night work.







# HIGH PERFORMANCE

*The engine of the new **Serie 5** is excellent. It performs great and uses little fuel. So I'm more productive and save money. And the maintenance is minimal, so I save time.*

*Andy*

## FPT F36 ENGINE: BUILT FOR ULTIMATE EFFICIENCY

To meet the requirements of the new Stage V/Tier4 Final emissions regulations, Landini redesigned the engine/transmission combination of the **Serie 5** tractor in order to keep performance and efficiency at peak levels. The exhaust gas after-treatment system is no longer mounted onto the cab right post, but has been moved under the bonnet to provide full visibility during work.

The new **Serie 5** tractors are powered by FPT F36 3.6L four-cylinder turbo engines with multivalve technology, intercooler and common rail injection system. The three models in the range deliver 95, 102 and 114 hp and meet Stage V/Tier 4 Final emissions regulations using DOC, DPF and SCR after-treatment technologies.





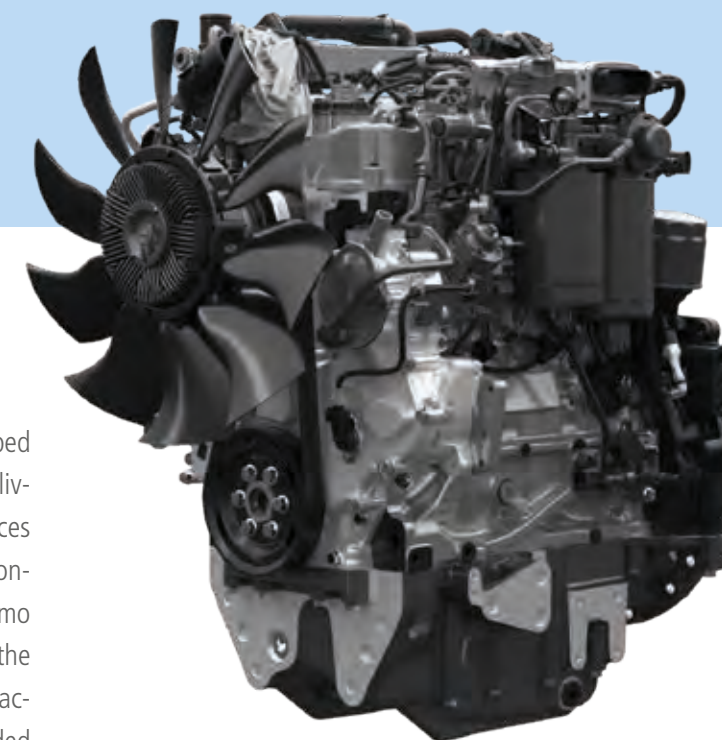
## NEW EMISSION CONTROL SYSTEMS: THEY ARE THERE, BUT YOU DON'T SEE THEM

The new **Serie 5** integrates DOC, DPF and SCR technologies to meet the Stage V/Tier4 Final emissions regulations. The exhaust gas after-treatment systems are tucked away under the bonnet to maximize operator visibility during work.



## FUEL ECONOMY

The FPT F36 engines that power the **Serie 5** are equipped with an electronically-controlled injection system that delivers the fuel to the engine at very high pressures. This reduces polluting agents while improving performance and fuel economy. Fuel efficiency is further enhanced by the Engine Memo Switch, a device allowing the operator to store and recall the engine speed that best suits the job in hand. The **Serie 5** tractor is equipped with a 135-litre fuel tank to ensure extended operation without refuelling.







*My Serie 5 has a 48-speed transmission. I use it for all kinds of tasks and I can say it's rugged and reliable in any situation... And it never lugs down.*

Joe

## SPEED FOUR TRANSMISSION

The Speed Four transmission offers four synchronized speeds and three ranges providing 12 forward and 12 reverse gears. The electrohydraulic reverse power shuttle (RPS) is conveniently operated through a lever located near the steering wheel. With the creep speed unit, the transmission provides a total of 16 forward and 16 reverse gears with speeds as low as 360 m/h.

## POWER FOUR ELECTROHYDRAULIC TRANSMISSION FOR TOTAL RELIABILITY

The electrohydraulic Power Four Hi-Lo transmission doubles the gears of the basic transmission providing 24 forward and 24 reverse speeds. The creep speed option further increases the number of available speeds to 32 forward and 32 in reverse. The Power Four transmission features a hydraulic reverse power shuttle (RPS) with lever adjacent to the steering wheel. In addition, a de-clutch control function allows the operator to shift through all gears without using the clutch pedal.

## T-TRONIC ELECTROHYDRAULIC TRANSMISSION FOR TOP PERFORMANCE

The electrohydraulic T-Tronic HML transmission triples the 12 gears of the basic transmission providing 36 forward and 12 reverse speeds. The optional creeper offers up to 48 forward and 16 reverse gears and allows speeds as low as 310 m/h. The de-clutch button and the reverse power shuttle (RPS) allow the operator to shift through all gears and change from forward to reverse without using the clutch pedal. The gear change and shuttle response is electronically modulated and adjustable by the operator if required for different tasks.



### PARK LOCK, SAFETY GUARANTEED

The power shuttle transmission can be optionally equipped with Park Lock, a mechanical locking device which locks the transmission for added safety when parking the tractor on steep inclines.

## A CONFIGURABLE TRANSMISSION TO SUIT EVERY NEED

Designed with versatility in mind, the **Serie 5** offers a variety of transmission configurations with RPS hydraulic power shuttle to meet the specific needs of each farm:

- 1. Speed Four:** 12 FWD + 12 REV speeds; 16 FWD + 16 REV speeds with creeper.
- 2. Power Four with Hi-Lo:** 24 FWD + 24 REV speeds; 32 FWD + 32 REV speeds with creeper.
- 3. T-Tronic with HML:** 36 FWD + 12 REV speeds; 48 FWD + 16 REV speeds with creeper.
- 4. T-Tronic with HML and Roboshift:** 36 FWD + 12 REV speeds; 48 FWD + 16 REV speeds with creeper.

Landini has further upgraded its range of rugged and reliable transmissions to enhance their performance in terms of power transmitted and fuel efficiency.

## ROBOSHIFT, THE CONVENIENT TRANSMISSION

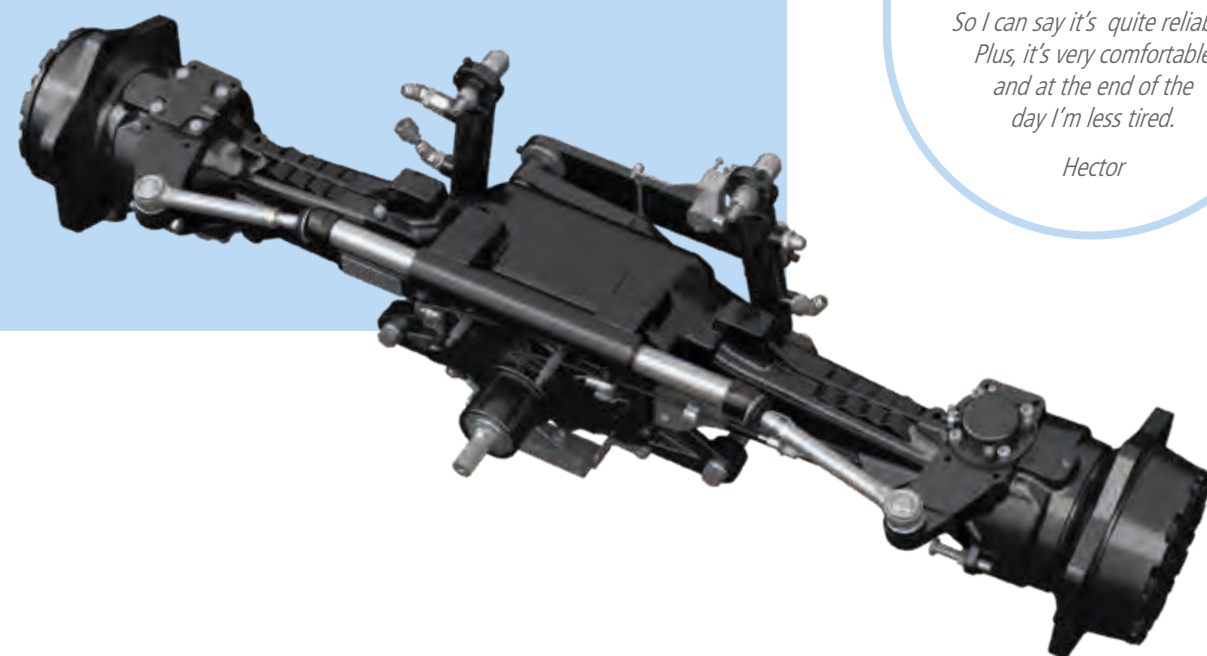
The RoboShift transmission with robotised gear shifting and HML three-speed on-the-go powershift provides 12 speeds in each range, which can be selected by the operator either manually or automatically via the Auto PowerShift (APS) facility. In addition, the new Stop&Action function allows the operator to stop and restart the tractor by simply pressing and releasing the brake pedal. The RoboShift offers the following advantages:

> **More comfort:** The RoboShift robotised gear change is controlled from the convenient, user-friendly SmartPilot

multifunction joystick and from the completely redesigned right-hand console for added driver comfort.

> **More productivity:** The RoboShift electronic transmission allows choosing between the simplicity of the manual mode, which enables the driver to shift gears with just two buttons, and the convenience of the automatic mode, which automatically selects the right gear, leaving the operator free to focus exclusively on the task at hand for enhanced productivity.





*To test the new  
suspended axle, I've tried my  
Serie 5 on all kinds of terrain.  
So I can say it's quite reliable.  
Plus, it's very comfortable  
and at the end of the  
day I'm less tired.*

*Hector*

## NEW SUSPENDED AXLE FOR SUPERIOR COMFORT

Rugged, sturdy and agile, Landini axles are designed to ensure reliability in any working conditions and stability during transport operations. The new suspended axle of the **Serie 5** tractor reduces shock loads over rough ground, providing a level of comfort and safety typically found in higher power tractors. Thanks to its rugged construction, the suspended front axle of the **Serie 5** ensures maximum reliability during transport as well as during front loader and front-mounted implement work. Also, its excellent ground clearance and 55-degree steering angle make the **Serie 5** tractor highly manoeuvrable in any situation. In addition, the hydrostatic drive delivers smooth steering control even at low engine rpm. If you are looking for a utility tractor that gives you more comfort and productivity, then the **Serie 5** is the right choice for you.



### INTEGRATED BRAKE SYSTEM (IBS)

The IBS braking system with wet disc brakes integrated into the front axle provides efficient braking on all four wheels. The system reduces stopping distances by 50% compared to a conventional 2WD braking system, thereby ensuring maximum safety on the road. When the front and rear brakes are activated, they produce a braking force proportional to the foot pressure applied on the brake pedal, thereby ensuring safe, controlled stopping power in any situation. Integrated with the trailer brakes, the IBS system will ensure efficient braking of the tractor-trailer combination for safe stopping on steep gradients.



### AUTOMATIC 4WD AND DIFFERENTIAL LOCK ENGAGEMENT

The **Serie 5** tractor is equipped with combined front and rear differential locks to reduce wheel slip and maximize traction. The Twin Lock system automatically engages or disengages the differential lock and the four-wheel drive making headland turns easier and quicker for the operator.





# HIGHLIGHTS

- Front hitch and PTO for maximum versatility
- Triple pump with 82 l/min flow rate
- Up to six remote valves and one flow divider for control of up to 7 hydraulic functions
- Front hitch Category II capable of lifting up to 2200 kg



## NEW HYDRAULIC SYSTEM FOR ENHANCED PRODUCTIVITY

The open-centre hydraulic system of the new **Serie 5** tractor can be equipped with either a double pump with a flow rate of 62 l/min or a triple pump delivering up to 82 l/min. This increased hydraulic capacity allows the operator to:

- > Speed up work;
- > Carry out multiple tasks simultaneously;
- > Perform heavier-duty tasks;
- > Reduce consumption thanks to lower rpm engine operation;
- > Increase comfort and reduce fatigue thanks to lower engine noise and vibration;
- > Turn smoothly, including when performing heavy-duty tasks, thanks to a 32 l/min dedicated steering pump.

*My dealer asked me what kind of work I would be doing with the tractor, then he set up the hydraulic system for my application, making it perfectly tailored to my needs.*

Frank



## MORE REMOTE VALVES FOR MORE EFFICIENCY

The **Serie 5** can be equipped with up to six remote valves. Three valves are mechanically operated and one is electronically controlled. Two additional mid-mount remotes allow the use of front-mounted implements such as the front loader. One valve can be optionally equipped with a flow divider that splits and directs the flow to two separated outlets. The **Serie 5** can be equipped with four types of remote valves that can be used in combination to suit different application needs:

- **Standard:** double-acting;
- **Kick-out:** with automatic detent release;
- **Float:** for implements following the ground contour;
- **Hydraulic motor/float:** for the use of hydraulic motor and floating implements. Each option allows the tractor to work with a front hitch, a front loader, a rear hitch and a variety of front- and rear-mounted implements for maximum efficiency and productivity. Conveniently placed high-quality quick-release couplings allow quick and easy connecting and disconnecting of hydraulic lines for fast operation. Also, the flow divider enables operator to set the hydraulic flow to be delivered to each remote.





## CONFIGURABLE REAR HITCH FOR UTMOST VERSATILITY

The **Serie 5** tractor can be equipped with three types of rear hitch to suit different application needs:

- > **Mechanical:** simple and easy to use;
- > **Mechanical with ELS system:** speeds up headland turns;
- > **Electronic:** precise and efficient, repeats operations and recalls stored positions.

On all versions, external hitch controls are located on the rear fenders making it easier to attach implements from the ground. The three-point hitch Category II is capable of lifting up to 4500 kg with two assistor rams.

## MECHANICAL REAR HITCH WITH OPTIONAL ELS SYSTEM

The **Serie 5** tractors feature a mechanically-operated rear hitch that guarantees precise implement operation. To speed up headland manoeuvres, the tractor can be optionally equipped with Ergonomic Lift System (ELS), a device allowing the implement to be automatically lifted and lowered with the simple click of a button.

## ELECTRONIC REAR HITCH

The electronically-controlled rear hitch is equipped with lower link draft sensing for precise implement control. To speed up headland operations, the implement can be automatically lifted and lowered with the simple click of a button. The Auto PTO feature will automatically disengage and reengage the PTO during headland turns for added productivity, while the hitch dampening system, which is activated by the simple push of a button, will reduce shock loadings during transport.

## AUTOMATICALLY CONTROLLED PTO WITH 1 OR 4 SPEEDS

The **Serie 5** is equipped with a rear 540-rpm PTO. A four-speed PTO providing 540/540E/1000/1000E rpm is also available as an option. A hydraulically-operated clutch enables smooth and modulated engagement of the PTO, ensuring a soft start-up of the implement. External PTO controls located on the rear fenders make it easier to attach implements from the ground.



## FRONT HITCH AND PTO

A front hitch and PTO are available as an option to add greater versatility to the **Serie 5** tractor for applications using rear- and front-mounted implement combinations. Offering a maximum lift capacity of 2200 kg, the front hitch is Category II and features raise/lower and float controls. The 1000-rpm PTO with wet multi disc clutch is engaged electro-hydraulically. PTO controls are located both inside the cab and on the rear fenders making it easier to attach implements from the ground.



# UNIQUE

*I've chosen the 75 hp because it's unique. And it doesn't require any urea additive, so I save money. It's compact and handy and can be used everywhere. Plus, it's so powerful that it feels like it has 15 hp more!*

*Simon*

## LANDINI 5-085, UNIQUE OF ITS KIND

The Landini **5-085** is a unique utility tractor, a smart vehicle that surprises with its efficiency, versatility and fuel economy. With its 75 hp, the **5-085** meets the Stage V/Tier4 Final emission regulations without using a urea-based emission reduction system. This urea-free solution not only generates continuous, significant cost savings but also reduces time-consuming tasks and checks. This amazing tractor is equipped with a powerful 3.4L engine capable of fully using its 75 hp.

Designed to provide outstanding traction including in difficult ground conditions, the engine of the **5-085** delivers up to 56% torque backup, the highest in the market. The transmission is available with HML three-stage powershift. The tractor is equipped with 34-inch tyres for improved ground clearance. This tractor can be further equipped with up to 8 LED work lights for optimum visibility during night work.

Its powerful performance converts the **5-085** into a true workhorse, making it perfect for soil preparation activities. Its excellent weight-to-power ratio also makes it ideally suited for operation on slopes and steep banks as well as for transport applications, while its compact size makes it perfect for use inside barns and sheds. The Landini **5-085** is the only tractor capable of combining the agility of light, compact tractors with the power of utility tractors.





## FPT F34 ENGINE: HIGH PERFORMANCE WITH OPTIMUM FUEL ECONOMY

Designed to deliver exceptional performance, the **5-085** seems to have at least 10 hp in excess of its 75 hp rating. The tractor is powered by an FPT F34 3.4L four-cylinder turbo engine with multivalve technology, intercooler and common rail injection system. With a torque of 375 Nm at 1400 rpm and 56% torque backup, this engine maintains constant power output between 1400 and 2200 rpm. A 103L high-capacity fuel tank allows the tractor to run for many hours of continuous operation without the need to refuel. Equipped with DOC and DPF technologies, this 75-hp smart utility tractor meets the Stage V/Tier4 Final emission regulations without using a urea-based after-treatment system. This results in significant operating cost savings for farmers.

## STURDY AND RELIABLE FRONT AXLE

The **5-085** tractor features a compact, rigid-mounted front axle that further enhances the tractor's compact size and agility. Sturdy and reliable, the front axle of the **5-085** ensures maximum efficiency and stability in any situation, from front hitch and front loader operations to transport applications. With its high ground clearance and 55-degree steering angle, the **5-085** tractor provides excellent manoeuvrability in confined spaces.







## A VERSATILE HYDRAULIC SYSTEM FOR MORE EFFICIENT OPERATION

The **5-085** features an open-centre hydraulic system with a twin pump that delivers 56 l/min to the remote valves and 30 l/min to the steering system for smooth driving on all terrains. The system can be equipped with up to three rear-mounted and two mid-mounted remote valves. One valve can be optionally equipped with a flow divider that delivers flow to two separated outlets. The **5-085** tractor can be fitted with four different types of remotes: 1) **Standard**: double-acting; 2) **Kick-out**: with automatic detent release; 3) **Float**: for implements following the ground contour; 4) **Hydraulic motor/float**: for the use of hydraulic motors and floating implements. Different types of remotes can be used in combination to meet user's specific needs, resulting in enhanced versatility. In addition, the high-quality quick-release couplings are conveniently placed to allow quick and easy connect/disconnect of hydraulic lines for time-saving operation.



## FUNCTIONAL AND STURDY HITCHES FOR PRECISE IMPLEMENT CONTROL

The **5-085** tractor features a sturdy, easy-to-use mechanically-operated rear hitch that guarantees precise implement control. To speed up headland operations, the tractor can be optionally equipped with Ergonomic Lift System (ELS), a device allowing the implement to be automatically lifted and lowered with the simple click of a button. Hitch controls are located both inside the cab and on the rear fenders making it easier to attach implements from the ground. The rear hitch features a Category II three-point linkage that provides a maximum lift capacity of 3900 kg. Available as an option, the Category II front hitch is capable of lifting up to 1700 kg. The **5-085** can be equipped with an electronically-controlled rear hitch with draft sensing on the lower links for precise implement control. The hitch raises and lowers automatically to make headland turns easier and faster. The Auto PTO function engages and disengages automatically the PTO for enhanced tractor performance and productivity, while the hitch dampening system absorbs shocks and vibrations during transport for maximum ride comfort.







## LANDINI FRONT LOADERS: EFFICIENCY THAT PAYS OFF

The sturdy Landini **L15** and **L20** front loaders have been specifically developed for the **Serie 5** tractor range. While the **L15** model is purpose-designed for the **5-085** tractor, the **L20** front loader fits all the other **Serie 5** models. Both front loaders offer a variety of features and benefits that further improve the tractor's performance and versatility.

- > The new joystick is ergonomically designed for enhanced functionality and allows the operator to easily control a number of functions like raise/lower, load/unload, 3rd and 4th function, Hi-Lo and HML transmissions.
- > To avoid crop damage, the loader frame does not reduce the tractor's ground clearance.
- > The front loader does not limit the tractor's turning radius.
- > The loader features a suspension with two pressure accumulators placed between the cylinders that help absorb the shocks produced during loader work, ensuring smooth operation and reducing stress on the tractor's front axle.
- > The loader's rigid hydraulic lines reduce oil overheating and simplify maintenance operations.
- > The roof hatch of the tractor cab allows better visibility during front loader work.

- > The front loader can be fitted and used even when the tractor is equipped with a front-mounted hitch.
- > The **Serie 5** is equipped with special supports designed to make fitting and removal of the front loader easier.
- > The Euro implement carrier allows a wide range of implements to be fitted to the Landini front loaders.
- > The bucket level gauge allows the operator to determine the angle of the implement to the ground from the tractor's seat, making manoeuvres easier and safer.
- > Constructed from HLE steel, the Landini front loaders offer a high lift capacity: 1500 kg for the **L15** model and 1810 kg for the **L20** model. Designed to be the perfect match for the **Serie 5** tractors, the **L15** and **L20** front loaders deliver maximum efficiency and productivity in any application.







# SERIE 5 HC

## SERIE 5 HC TRACTOR, THE TRUE HORTICULTURAL SPECIALIST

The **Serie 5 HC** is Landini's untiring specialty tractor for vegetable crops. Designed for superior comfort and productivity, the **Serie 5 HC** tractor is ideally suited for planting, fertilizing, irrigating and harvesting vegetables, fruits, corn, rice and other crops. Featuring large-diameter equal-sized wheels with narrow tyres, the **Serie 5 HC** tractor can achieve a ground clearance of up to 700 mm. The added clearance protects delicate crops minimising potential contact damage. The tractor also provides minimal soil compaction and with its impressive agility and small turning radius makes manoeuvring at headlands and in tight spaces easier than ever. The narrow tyres are type-approved for road transport. The **Serie 5 HC** is available with two power outputs, 100 hp and 110 hp.





## LANDINI DIGITAL SOLUTIONS HELP YOU CULTIVATE YOUR FUTURE

Technological innovation improves working conditions, increases productivity and protects the environment. Following this philosophy, the Argo Tactors 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 allows optimum control of AEF-certified compatible implements.

**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.

# PRECISE





# 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 any time 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.

## 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 smart-phone and tablet. And if you want to run your business from your computer, you may access the web version synchronised with the mobile devices.

## 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.

## SIMPLE AND INTUITIVE

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





## 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

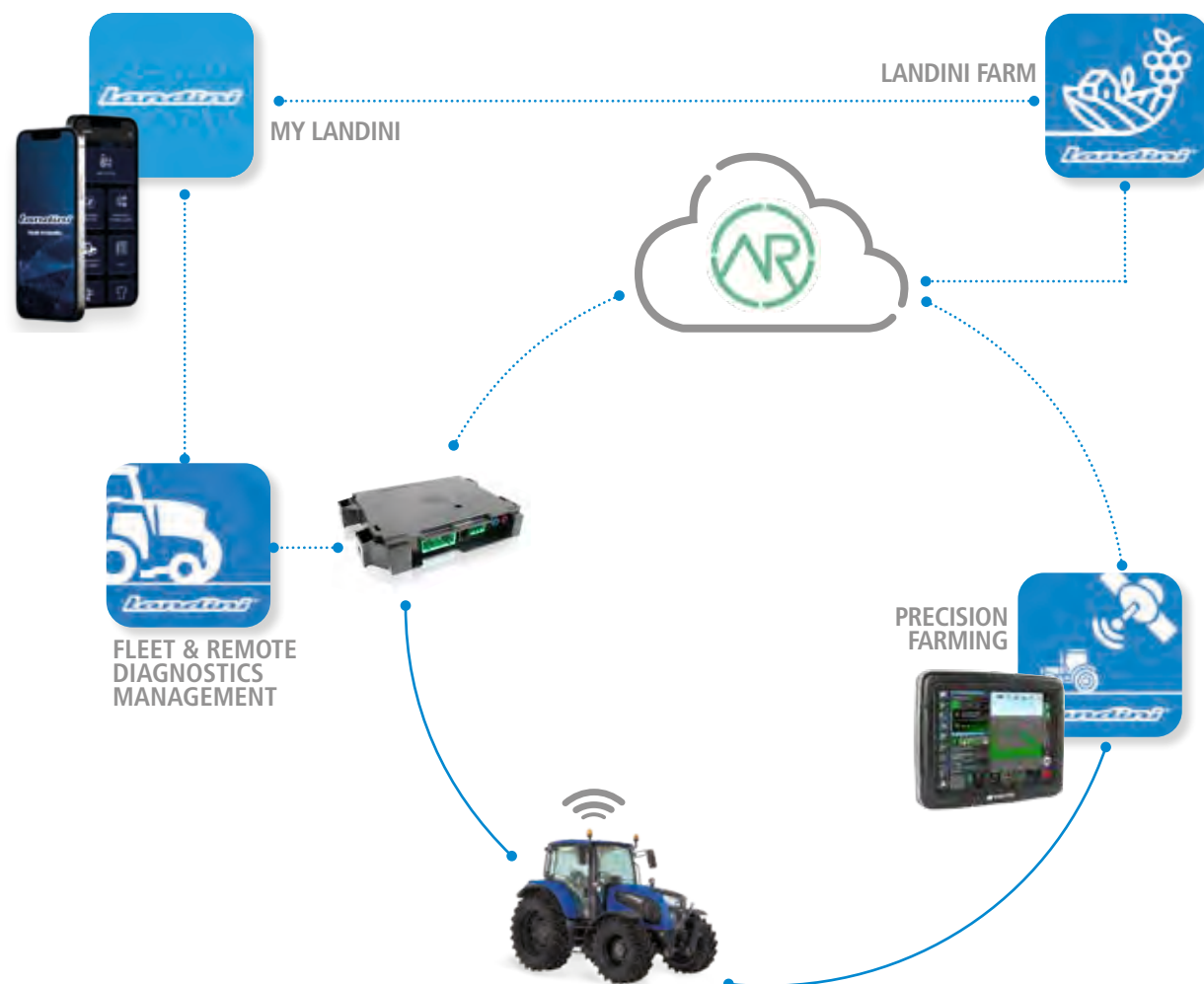
The *Precision Steering Management* and the **ISObus** system are innovative technologies adopted by Landini to increase efficiency and productivity while improving comfort and safety:

- All implement activities, including fully automated tasks, are controlled with a high level of accuracy.
- Difficult manoeuvres are simplified, thereby reducing operator fatigue.
- When the driver must drive the tractor 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%, fertiliser use by 16% and herbicide use by up to 60%.
- Chemical residues are reduced with significant benefits for the environment.
- Reports and pre-setting operations are simpler and can be done autonomously without recourse to skilled personnel.





## 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





# CONVENIENCE

## QUICK MAINTENANCE TO GET YOU BACK UP AND RUNNING

Designed to deliver maximum versatility and efficiency, the **Serie 5** offers a variety of solutions to simplify and expedite maintenance.

1. The tilt-up bonnet opens wide to provide easy access to the engine compartment for maintenance.
2. The oil filler cap is placed in the lower part of the engine, so topping up of engine oil can be done without opening the bonnet.
3. The engine air filter is positioned in such a way as to facilitate cleaning and replacement.
4. The cooling radiators, mounted in the engine front, and the laterally-removable dust cover allow for simple and fast cleaning.
5. The fuel tank is conveniently placed under the cab to allow quick and convenient filling.
6. The air filters, fitted on the cab roof, are easily accessible for maintenance.
7. The oil level in the transmission can be conveniently checked through the oil filler cap with dipstick placed on the tractor rear.





|  |       | 5-100   | 5-110  | 5-120  |
|--|-------|---|--------|--------|
| ENGINE PERFORMANCE                                     |       |   |        |        |
| Rated power (97/68/EC - ISO TR 14396)                  | hp/kW | 95.2/70   | 102/75 | 114/84 |
| Max power (97/68/EC - ISO TR 14396)                    | hp/kW | 95.2/70   | 102/75 | 114/84 |
| Rated engine speed                                     | rpm   | 2200  |        |        |
| Engine speed at max power                              | rpm   | 1900  |        |        |
| Max torque at 1400 rpm                                 | Nm    | 395   | 430    | 460    |
| Torque backup  |       | 30%   | 32%    | 28%    |
| Manufacturer   |       | FPT   |        |        |
| Engine type  |       | F36   |        |        |
| Stage V / Tier 4 Final exhaust after-treatment system  |       | DOC + SCRoF   |        |        |
| Cylinders / Displacement / Valves                      |       | 4 / 3.6 l / 16  |        |        |
| Air filter system                                      |       | dry air filter  |        |        |
| Air intake system                                      |       | turbo aftercooled   |        |        |
| Fuel injection system                                  |       | electronically-controlled high-pressure common rail system  |        |        |
| Maintenance interval                                   |       | 500 hours   |        |        |
| Cooling system   |       | matrix radiator package   |        |        |
| Cooling fan  |       | ● belt-driven fan - ○ viscous fan   |        |        |
| Engine Memo Switch                                     |       | ●   |        |        |
| CAPACITIES   |       |   |        |        |
| Fuel tank  | l     | 135   |        |        |
| AdBlue / DEF tank                                      | l     | 13  |        |        |
| Cooling system   | l     | 10  |        |        |
| CLUTCH   |       |   |        |        |
| Type   | l     | ● mechanical  |        |        |
| TRANSMISSION   |       |   |        |        |
| Type   |       | ● mechanical - ○ electrohydraulic   |        |        |
| No. of gears - std                                     |       | ● 12 FWD + 12 REV with synchro shuttle (ACTIVE)<br>● 12 FWD + 12 REV with RPS with modulation control (DYNAMIC)                                       |        |        |
| No. of gears - option 1                                |       | ○ 12 FWD + 12 REV with RPS with modulation control (ACTIVE)<br>○ 24 FWD + 24 REV with Hi-Lo powershift (DYNAMIC)                                      |        |        |
| No. of gears - option 2                                |       | ○ 24 FWD +24 REV with Hi-Lo powershift (ACTIVE)<br>○ 36 FWD +12 REV with T-Tronic HML & RPS (DYNAMIC)   |        |        |
| Creeper  |       | ○   |        |        |
| Minimum speed without creeper                          | km/h  | 1.5 with Hi-Lo - 1.35 with HML (IR 700mm)   |        |        |
| Minimum speed with creeper                             | km/h  | 0.36 with 12+12 / 0.36 with Hi-Lo (IR 700mm) (ACTIVE)<br>0.33 with Hi-Lo / 0.3 with HML (IR 700mm) (DYNAMIC)  |        |        |
| Engine speed at 40 km/h                                | rpm   | 2038 with HI-Lo & HML (IR 750mm)  |        |        |
| Transmission control                                   |       | hand lever  |        |        |
| Forward/Reverse shuttle                                |       | ● Synchro Shuttle - ○ Reverse Power Shuttle (RPS) with modulation control (ACTIVE)<br>● Reverse Power Shuttle (RPS) with modulation control (DYNAMIC) |        |        |
| REAR PTO   |       |   |        |        |
| Type   |       | ● mechanical - ○ electrohydraulic   |        |        |
| Speeds   | rpm   | ● 540 - ○ 540 / 540E   ○ 540 / 1000 (ACTIVE)<br>● 540 / 540E - ○ 540 / 1000 - ○ 540 / 540E / 1000 / 1000E with HML (DYNAMIC)                          |        |        |
| Ground speed PTO                                       |       | ○   |        |        |
| Engine speed at rated PTO speeds - 540/540E/1000/1000E | rpm   | 1944 / 1377/ 1935 / 1621  |        |        |
| Rotation - type of spline shaft                        |       | clockwise (viewed from tractor rear)<br>● 1-3/8" PTO shaft with 6 splines - ○ 1-3/8" PTO shaft with 21 splines  |        |        |
| FRONT AND REAR AXLES                                   |       |   |        |        |
| Front rigid axle                                       |       | ● (ACTIVE-DYNAMIC)  |        |        |
| Front suspended axle                                   |       | ○ (DYNAMIC)   |        |        |
| Traction type  |       | 4WD   |        |        |
| Front differential lock                                |       | Hydralock full locking differential   |        |        |
| Rear differential lock                                 |       | ● electrohydraulic  |        |        |
| Rear axle - flanged type                               |       | ●   |        |        |
| BRAKING SYSTEM   |       |   |        |        |
| Front braking system                                   |       | ● automatic 4WD engagement when braking - ○ with front brakes   |        |        |
| Rear braking system                                    |       | ring piston hydraulic brakes  |        |        |
| Trailer braking system                                 |       | ● dual-line hydraulic brake as per MR - ○ single-line hydraulic brake or CUNA<br>○ dual-line pneumatic brake*   |        |        |
| Park Lock  |       | ○ (only with RPS)   |        |        |

| HYDRAULIC SYSTEM   |       |   |
|--|-------|---|
| Hydraulic pump for rear hitch & remote valves + steering - flow rate |       | ● 62 + 32 l/min (ACTIVE-DYNAMIC) - ○ 82 + 32 l/min (DYNAMIC)  |
| Rear remote valves - type, number                                    |       | mechanical, 2 - 3 (ACTIVE) - mechanical up to 3 + electrical 1 (DYNAMIC)  |
| Flow divider / Flow selector   |       | ○   |
| Free-flow return   |       | ●   |
| Mid-mounted remote valves - type, number, flow rate                  |       | 2 mechanical with multifunction joystick - 80 l/min   |
| Hydraulic oil take out   | l     | ● up to 35  |
| REAR 3-POINT HITCH   |       |   |
| Rear hitch control   |       | ● mechanical - ○ mechanical with ELS (ACTIVE) - ● electronic (DYNAMIC)  |
| Category - coupler type  |       | II - ● fixed ball ends - ○ quick-hitch hooks - ○ telescopic lower links   |
| Max lifting capacity at hitch points                                 | kg    | ○ 4500 (ACTIVE) - ● 4500 (DYNAMIC) with twin assistor rams  |
| FRONT 3-POINT HITCH  |       |   |
| Front hitch  |       | ○   |
| Category - coupler type  |       | II - ● quick-hitch hooks  |
| Max lifting capacity at hitch points                                 | kg    | 2200  |
| FRONT PTO  |       |   |
| Type - Speed   | rpm   | ○ - electrohydraulic multidisc with modulated engagement - 1000   |
| Engine speed at PTO rated speed                                      | rpm   | 1920  |
| Rotation - type of spline shaft                                      |       | ○ clockwise (viewed from tractor front) - ● 1-3/8" PTO shaft with 6 splines   |
| CAB  |       |   |
| Total View Slim cab mounted on silent blocks                         |       | ● (ACTIVE-DYNAMIC)  |
| Landini mechanical cab suspension                                    |       | ○ DYNAMIC   |
| In-cab noise level   | dB(A) | 78 (ACTIVE) - 76 (DYNAMIC)  |
| Controls & Joystick  |       | ○ - SmartPilot Joystick (transmission control, RPS, engine memo switch, De-clutch function, PTO and rear hitch control)   |
| Filtration category  |       | CAT 2   |
| Heating / Climate control system                                     |       | ● heating and ventilation - ○ manual climate control  |
| Opening front windscreen   |       | ●   |
| Comfort pneumatic seat   |       | ● ACTIVE - ○ DYNAMIC  |
| Trainer seat   |       | ○   |
| Radio ready  |       | ●   |
| Radio system   |       | ○ - radio DAB mp3, with 2 loud speakers, bluetooth, aux-in and integrated microphone  |
| ROPS version   |       | ○   |
| Work lights - ACTIVE version   |       | ● 4 work lights - 2 on roof front, 2 on roof rear<br>○ 8 work lights - 2 on roof front, 2 on roof rear, 2 on bonnet, 2 on handles (LED)   |
| Work lights - DYNAMIC version  |       | ● 6 work lights - 2 on roof front, 2 on roof rear, 2 on bonnet<br>○ 8 work lights - 2 on roof front, 2 on roof rear, 2 on bonnet, 2 on handles (LED)<br>○ 10 LED work lights - 2 on roof front, 4 on roof rear, 2 on bonnet, 2 on handles |
| Beacon lights  |       | ● left side - ○ left and right side   |
| ON-BOARD TECHNOLOGY  |       |   |
| Advanced Driving System  |       | ●   |
| Front ISObus connection  |       | ○ - X25 monitor, AGS-2 aerial and AES-35 steering wheel   |
| Rear ISObus connection   |       | ○ - Argo Tractors Spare Parts   |
| PSM Precision Steering Management                                    |       | ●   |
| Fleet & Remote Diagnostics Management & Landini Farm Pro Pack        |       | ○   |
| WEIGHTS AND DIMENSIONS   |       |   |
| Wheelbase  | mm    | 2355  |
| Max height over cab without beacon lights                            | mm    | 2623 - measured with tyres 380/70R24 - 480/70R34  |
| Max height from top of cab to rear axle centre                       | mm    | 1873  |
| Max length with front weights - Track width (min - max)              | mm    | 4460 - (1958 - 2458) - measured with tyres 380/70R24 - 480/70R34  |
| Steering radius  | mm    | 5300 measured with tyres 380/70R24 - 480/70R34  |
| Shipping weight - measured with average specs                        | kg    | 4000  |
| Gross vehicle weight   | kg    | 7000  |
| Max front and rear tyre size - (Index Radius -IR)                    | mm    | 380/70R24 - 480/70R34 (IR 750mm)  |
| Front weight support / Front tow pin                                 |       | ●   |
| Front weights  | kg    | ○ 6x36 - ○ 10x36  |
| Rear weights   | kg    | ○ 2x60 - ○ 4x60   |

Key: ● standard   ○ option   \* aftermarket



|  |       |   |
|--|-------|---|
| 5-085  |       |   |
| ENGINE PERFORMANCE   |       |   |
| Rated power (97/68 CE - ISO TR 14396)                                | hp/kW | 75 / 56   |
| Max power (97/68 CE - ISO TR 14396)                                  | hp/kW | 75 / 56   |
| Rated engine speed   | rpm   | 2200  |
| Engine speed at max power  | rpm   | 1400 to 2200 rpm  |
| Max torque at 1400 rpm   | Nm    | 375   |
| Torque backup  |       | 56%   |
| Manufacturer   |       | FPT   |
| Engine type  |       | F34   |
| Stage V / Tier 4 Final exhaust after-treatment system                |       | DOC-DPF   |
| Cylinders / Displacement / Valves                                    |       | 4 / 3.4 l / 8 V   |
| Air filter system  |       | dry air filter  |
| Air intake system  |       | turbo aftercooled   |
| Fuel injection system  |       | electronically-controlled high-pressure common rail system  |
| Maintenance interval   |       | 500 hours   |
| Cooling system   |       | matrix radiator package   |
| Cooling fan  |       | ● belt-driven fan - ○ * viscous fan   |
| Engine Memo Switch   |       | ●   |
| CAPACITIES   |       |   |
| Fuel tank  | l     | 103   |
| CLUTCH   |       |   |
| Type   |       | ● mechanical  |
| TRANSMISSION   |       |   |
| Type   |       | ● mechanical - ○ electrohydraulic   |
| No. of gears - std   |       | ● 12FWD + 12REV with synchro shuttle - ○ RPS with modulation control  |
| No. of gears - option 1  |       | ○ 24FWD + 24REV with RPS with modulation control & Hi-Lo  |
| No. of gears - option 2  |       | ○ 36FWD + 12REV - RoboShift, RPS with modulation control  |
| Creeper  |       | ○   |
| Minimum speed without creeper  | km/h  | 1.61 with 12FWD + 12REV / 1.35 with Hi-Lo / 1.46 with HML (IR 700mm)  |
| Minimum speed with creeper   | km/h  | 0.36 with 12FWD + 12REV / 0.30 with Hi-Lo / 0.32 with HML (IR 700mm)  |
| Engine speed at 40 km/h  | rpm   | 1901 with Hi-Lo / HML (IR 700mm)  |
| Transmission control   |       | hand lever  |
| REAR PTO   |       |   |
| Type   |       | ● mechanical - ○ mechanical with ELS ○ electronic   |
| Speeds   | rpm   | ● 540/540E - ○ 540/1000 - ○ 540/540E/1000/1000E - ○ 540   |
| Ground speed PTO   |       | ○   |
| Engine speeds at rated PTO speeds 540/540E/1000/1000E                | rpm   | 1944 / 2261 / 1935 / 1621   |
| Rotation - type of spline shaft                                      |       | clockwise (viewed from tractor rear) ● 1-3/8” PTO shaft with 6 splines<br>○ 1-3/8”PTO shaft with 21 splines |
| FRONT AND REAR AXLES   |       |   |
| Front rigid axle   |       | ●   |
| Traction type  |       | 4WD   |
| Front differential lock  |       | ● limited slip - ○ Hydralock full locking differential  |
| Rear differential lock   |       | ● electrohydraulic  |
| BRAKING SYSTEM   |       |   |
| Front braking system   |       | ● automatic 4WD engagement when braking   |
| Rear braking system  |       | ramp brakes   |
| Trailer braking system   |       | ○ two-line hydraulic brake as per MR - ○ single-line hydraulic brake or CUNA<br>○ two-line pneumatic brake* |
| HYDRAULIC SYSTEM   |       |   |
| Hydraulic pump for rear hitch & remote valves + steering - flow rate |       | ● 56 + 30 l/min   |
| Rear remote valves - type, number                                    |       | mechanical, 1 - 2 - 3   |
| Flow selector/Flow divider   |       | ○   |
| Free-flow return   |       | ●   |
| Mid-mounted remote valves - type, number, flow rate                  |       | 2 mechanical with multifunction joystick - 80 l/min   |
| REAR 3-POINT HITCH   |       |   |
| Rear hitch control   |       | ● mechanical - ○ electronic   |
| Category - coupler type  |       | II - ○ fixed ball ends - ○ quick-hitch hooks - ○ telescopic lower links                                     |
| Max lifting capacity at hitch points                                 | kg    | ● 3900  |

|   |       |   |
|---|-------|---|
| FRONT 3-POINT HITCH   |       |   |
| Front hitch   |       | ○   |
| Category - coupler type   |       | II - quick-hitch hooks  |
| Max lifting capacity at hitch points                            | kg    | 1600  |
| FRONT PTO   |       |   |
| Type - Speeds   | rpm   | ○ - electrohydraulic multidisc clutch with modulated engagement - 1000  |
| Engine speed at PTO rated speed                                 | rpm   | 1920  |
| Rotation - type of spline shaft                                 |       | ○ - clockwise (viewed from tractor front) - 1-3/8” shaft with 6 splines   |
| CAB   |       |   |
| Total View Slim cab mounted on silent blocks                    |       | ●   |
| In-cab noise level  | dB(A) | 76  |
| Filtration category   |       | 2   |
| Heating / Climate control system                                |       | ● - heating and ventilation - ○ manual climate control  |
| Opening rear windscreen   |       | ●   |
| Comfort pneumatic seat  |       | ○   |
| Trainer seat  |       | ○   |
| Radio ready   |       | ●   |
| Radio system  |       | ○   |
| Halogen work lights   |       | ● 2 rear - 2 front  |
| LED work lights   |       | ○ 2 front - 4 rear - 2 on door handles  |
| Beacon lights   |       | ● left and right side - ○ left side   |
| ON-BOARD TECHNOLOGY   |       |   |
| ISO 11786 socket  |       | ○   |
| Advanced Driving System   |       | ○- ADS+, PSM ready with EazySteer   |
| PSM Precision Steering Management                               |       | ○ ready ○ - EGNOS with AES-35 Topcon steering wheel, X25 8.4" touchscreen monitor and AGS-2 aerial<br>○ - RTK NTRIP (Argo Tractors spare parts) |
| Fleet & Remote Diagnostics Management & McCormick Farm Pro Pack |       | (on selected markets) ● – 1 year ○ – 3 years ○ – 5 years  |
| WEIGHTS AND DIMENSIONS  |       |   |
| Wheelbase   | mm    | 2171  |
| Max height over cab without beacon lights                       | mm    | 2485 - measured with tyres 280/85R24 - 420/85R30  |
| Max height from cab roof to rear axle centre                    | mm    | 1828  |
| Max length with front weights - Track width (min - max)         | mm    | 4297 - (1643 - 2402) - measured with tyres 280/85R24 - 420/85R30  |
| Steering radius   |       | 4700 - measured with tyres 340/85R24 - 420/85R34  |
| Standard weight measured with average specs                     | kg    | 3700  |
| Gross vehicle weight  | kg    | 5800  |
| Max front and rear tyre size - (Index Radius - IR)              | mm    | 380/70R24 (IR 575mm) - 480/70R34 (IR 750mm)   |
| Front weight support  | kg    | ●   |
| Front weights   | kg    | ○ 6x36 - ○ 8x36   |
| Rear weights  | kg    | ○ 2x60 - ○ 4x60   |

Key: ● standard ○ option \* aftermarket



SERIE 5 HC

|  |       | SERIE 5-100 HC   | SERIE 5-110 HC |
|--|-------|--|----------------|
| ENGINE PERFORMANCE   |       |  |                |
| Rated power (97/68/EC - ISO TR 14396)                                | hp/kW | 95.2/70  | 102/75         |
| Max power (97/68/EC - ISO TR 14396)                                  | hp/kW | 95.2/70  | 102/75         |
| Rated engine speed   | rpm   | 2200   |                |
| Engine speed at max power  | rpm   | 1900   |                |
| Max torque at 1400 rpm   | Nm    | 395  | 430            |
| Torque backup  |       | 30%  | 32%            |
| Manufacturer   |       | FPT  |                |
| Engine type  |       | F36  |                |
| Stage V / Tier 4 Final exhaust after-treatment system                |       | DOC + SCRoF  |                |
| Cylinders / Displacement / Valves                                    |       | 4 / 3.6 L / 16   |                |
| Air filter system  |       | dry air filter   |                |
| Air intake system  |       | turbo aftercooler  |                |
| Fuel injection system  |       | electronically-controlled high-pressure common rail  |                |
| Maintenance interval   |       | 500 hours  |                |
| Cooling system   |       | matrix radiator package  |                |
| Cooling fan  |       | ● belt-driven fan - ○ *viscous fan   |                |
| Engine Memo Switch   |       | ●  |                |
| CAPACITIES   |       |  |                |
| Fuel tank  | l     | 135  |                |
| AdBlue / DEF tank  | l     | 13   |                |
| Cooling system   | l     | 10   |                |
| CLUTCH   |       |  |                |
| Type   |       | ● mechanical   |                |
| TRANSMISSION   |       |  |                |
| Type   |       | ● mechanical - ○ electrohydraulic  |                |
| No. of gears - std   |       | ● 12 FWD + 12 REV with synchro shuttle - ○ 12 FWD + 12 REV with RPS with modulation control                      |                |
| No. of gears - option 1  |       | ○ 12 FWD + 12 REV with RPS with modulation control   |                |
| No. of gears - opiton 2  |       | ○ 24 FWD + 24 REV with Hi-Lo powershift<br>○ 24 FWD + 24 REV with Hi-Lo powershift & RPS with modulation control |                |
| Creeper  |       | -  |                |
| Minimum speed without creeper  | km/h  | 1.19 (IR 800mm)  |                |
| Minimum speed with creeper   | km/h  | 0.32 with 12+12 / 0.26 with Hi-Lo (IR 800mm)   |                |
| Engine speed at 40 km/h  | rpm   | 1960 with Hi-Lo (IR 800mm) 30 ECO  |                |
| Transmission control   |       | hand lever   |                |
| Forward/Reverse shuttle  |       | ● Synchro Shuttle - ○ Reverse Power Shuttle (RPS) with modulation control  |                |
| REAR PTO   |       |  |                |
| Type   |       | ● mechanical - ○ electrohydraulic  |                |
| Speeds   | rpm   | ● 540 - ○ 540/540E - ○ 540/1000  |                |
| Ground speed PTO   |       | ○  |                |
| Engine speed at rated PTO speeds - 540/540E                          | rpm   | 1944 / 1377 / 1917   |                |
| Rotation - type of spline shaft                                      |       | clockwise (viewed from tractor rear) ● 1-3/8" PTO shaft with 6 splines -<br>○ 1-3/8" PTO shaft with 21 splines   |                |
| FRONT AND REAR AXLES   |       |  |                |
| Front rigid axle   |       | ●  |                |
| Traction type  |       | ● 4WD  |                |
| Front differential lock  |       | Hydralock full locking differential  |                |
| Rear differential lock   |       | ● electrohydraulic   |                |
| Rear axle - flanged type   |       | ●  |                |
| BRAKING SYSTEM   |       |  |                |
| Rear braking system  |       | ring piston hydraulic brakes   |                |
| Trailer braking system   |       | ● dual-line hydraulic brake as MR - ○ single-line hydraulic brake or CUNA  |                |
| Park Lock  |       | ○ (only with RPS)  |                |
| HYDRAULIC SYSTEM   |       |  |                |
| Hydraulic pump for rear hitch & remote valves + steering - flow rate |       | ● 62 + 32 l/min  |                |
| Rear remote valves - type, number                                    |       | mechanical, 2 - 3  |                |
| Flow divider / Flow selector   |       | ○  |                |
| Free-flow return   |       | ●  |                |
| Mid-mounted remote valves - type, number, flow rate                  |       | 2 mechanical with multi-function joystick - 80 l/min   |                |
| Hydraulic oil take out   |       | ● up to 35   |                |

| REAR 3-POINT HITCH   |       |   |
|--|-------|---|
| Rear hitch control   |       | ● mechanical - ○ mechanical with ELS  |
| Category - coupler type  |       | II - ○ fixed ball ends - ○ quick-hitch hooks - ○ telescopic lower links   |
| Max lifting capacity at hitch points                                   | kg    | ● 3900 with twin assistor rams  |
| CAB  |       |   |
| Total View Slim cab mounted on silent blocks                           |       | ●   |
| In-cab noise level   | dB(A) | 78  |
| Filtration category  |       | 2   |
| Heating / Climate control system                                       |       | ● heating and ventilation - ○ manual climate control  |
| Opening front windscreen   |       | ●   |
| Comfort pneumatic seat   |       | ○   |
| Trainer seat   |       | ○   |
| Radio ready  |       | ●   |
| Radio system   |       | ○ - radio DAB mp3, with 2 loud speakers, bluetooth, aux-in and integrated microphone  |
| Work lights  |       | ● 4 work lights - 2 on roof front, 2 on roof rear<br>○ 8 work lights - 2 on roof front, 2 on roof rear, 2 on bonnet, 2 on handles (LED) |
| Beacon lights  |       | ● left side - ○ left and right side   |
| ON-BOARD TECHNOLOGY  |       |   |
| Rear ISObus connection   |       | ○   |
| PSM Precision Steering Management & ISObus - ready                     |       | ●   |
| Fleet & Remote Diagnostics Management & Landini Farm Pro Pack - 1 year |       | ● on selected markets   |
| WEIGHTS AND DIMENSIONS   |       |   |
| Wheelbase  | mm    | 2355  |
| Max height over cab without beacon lights                              | mm    | 2870 - measured with tyres 9.5R48 - 9.5R48  |
| Height from cab roof to rear axle centre                               | mm    | 2070  |
| Max length with front weights - Track width (min - max)                | mm    | 4400 - (1782-2542) - measured with tyres 9.5R48 4WD   |
| Shipping weight - measured with average specs                          | kg    | 4300  |
| Gross vehicle weight   | kg    | 6000  |
| Max front and rear tyre size - (Index Radius - IR)                     | mm    | 9.5R48 - 9.5R48 (IR 800 mm)   |
| Front weight support / Front tow pin                                   |       | ●   |
| Front weights  | kg    | ○ 6x36 - ○ 10x36  |
| Rear weights   | kg    | ○ 2x60 - ○ 4x60   |

Key: ● standard ○ option \* aftermarket





Passion for Innovation.

