

VERSATILE
EFFICIENT
FULLY EQUIPPED

SERIE 6RS



SERIE 6RS

6-135 • 6-145 • 6-155 ROBO-SIX

Landini

Passion for Innovation.



SUPER VERSATILE SUPER EFFICIENT SUPER IN EVERY ASPECT

Since the company's foundation in 1884, the name Landini has epitomised passion for innovation. Building on its long experience in tractor manufacturing, the company has expanded its **Serie 6** tractor family with the new **Stage V 6RS Robo-Six**, a range of heavy-duty utility tractors designed to offer high levels of performance, versatility and comfort.

Packing a lot of power into a compact footprint, the **Serie 6RS** tractor is equally at home in medium-sized fields, in the barn or on the road, making it the perfect all-rounder for the modern farm. Designed to perform a variety of tasks such as ploughing, harrowing, sowing, planting, harvesting and loader work, the **Serie 6RS** is the perfect do-it-all companion for every farmer.

The new design with its powerful, dynamic lines perfectly reflects the tractor's character. The High Vision cab with its all-round glazing provides outstanding visibility in every direction. The new one-piece bonnet tilts to a 90-degree angle to provide easy access to the engine compartment, while the coolers located in front of the radiator open fully from a single latch to allow simple and fast maintenance. The cab interior is spacious, comfortable and equipped with automotive-style fit and finish. The **Serie 6RS** tractor can be fitted with up to 14 full-LED work lights, eight of which located on the cab roof, that provide reliable lighting for night-time operation.

SERIE 6RS

HIGHLIGHTS

Cab

- High Vision cab: increased glazed area, FOPS-certified roof with panoramic hatch for ventilation
- Iso-mounted cab and IFS suspended front axle: more traction, more comfort, more safety
- DSM 12-inch touch screen display with new functions
- New SmartPilot Plus all-in-one joystick control

Design

- New bonnet design for increased forward visibility
- Cab interior with automotive-grade fit and finish
- Up to 14 full-LED lights for maximum visibility during night-time operation

Transmission

- Robo-Six transmission: 6 PowerShift speeds and 4 robotised ranges
- Maximum speed: 50 km/h
- Smart APS function: automatic selection of the right gear to suit load conditions
- Stop & Action with De-clutch function integrated into the brake pedal for smoother driving
- Creeper: 40 FWD + 40 REV gears and minimum speed of 380 m/h

Engine

- New FPT NEF 45 Stage V engines with power ratings of 135, 145 and 155 hp
- 90-degree tilting bonnet and easy-clean radiator coolers

- High-capacity 220L fuel tank, the largest in its class
- Engine brake function for more efficient and safer braking

Axles

- IFS suspended front axle: more traction in the field, more stability and comfort on the road
- Electrohydraulic 4WD and differential lock engagement
- Maximum rear tyre size: 650/60R38, for a maximum load capacity of 9500 kg

Hydraulic system

- Closed-centre load-sensing (CCLS) hydraulic system, maximum flow rate 114 l/min
- Up to 7 mechanical or electronic remote valves
- Front hitch with 2500 kg lift capacity
- Electronically-controlled rear hitch with up to 7200 kg lift capacity
- Four-speed PTO and ground speed PTO

On-board technology

- DSM touch screen monitor with new functions for customised comfort and enhanced performance
- ISObus and Precision Steering Management systems for maximum working accuracy
- Fleet & Remote Diagnostics Management for efficient fleet management

Powered by the new FPT NEF 45 4.5L, four-cylinder engines with power ratings up to 155 hp, the **Serie 6RS** tractors offer greater pulling capacity and improved fuel economy. These engines are eco-friendly and meet Stage V emissions regulations using the innovative Hi-eSCR2 after-treatment technology.

The Robo-Six transmission is entirely designed and manufactured at Argo Tractors factory. The hydraulic system with its 114 l/min high-flow pump and the electronic management of all hydraulic functions always ensure accurate implement operation. A 12-inch DSM touch screen display allows precise control of both tractor and ISObus-compatible implements, further enhancing driving accuracy and productivity.



HYDRAULIC SYSTEM

Configurability and efficiency
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CAB

Visibility - Comfort - Instrumentation
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AGRICULTURE 4.0

Precision - Control - Productivity
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ISOBUS

Greater operating efficiency
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ENGINE

Powerful - Fuel-efficient - Eco-friendly
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SUSPENDED AXLE

Rugged - Comfortable - Safe
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TRANSMISSION

Robo-Six
page 10



The visibility inside the cab is perfect: I have everything under control. And there is no vibration or noise, all controls are intuitive and convenient to use ... When I ride my Landini, I feel like I'm in my office!

Willy

HIGH VISION CAB, THE COMFORT OF WORKING IN FIRST CLASS

The new High Vision cab is engineered to provide 360-degree all-round visibility: four-post design, full glazing, panoramic tapered roof, ventilation roof hatch, rear-hinged doors. From the High Vision cab, the operator always has everything in view and under control; this makes work easier and improves loader operation. The cab roof is FOPS certified to protect operator from falling objects. In addition, the mechanical cab suspension, combined with the IFS suspended front axle, provides maximum stability and ride comfort on all terrains.

Large, well-spaced steps and a folding buddy seat allow easier access to the cab. The interior is spacious and sound insulated to create a comfortable working environment. The driver's seat is equipped with air suspension system, swivel feature and electrical height adjustment; the steering column is adjustable in tilt and reach and tilts with the instrument panel. The interior is finished with easy-clean high-quality soft-touch materials in dark colours.

HIGHLIGHTS

- High Vision cab: four-post design, full glazing and FOPS-certified roof for outstanding all-round visibility.
- Opening roof hatch for natural ventilation.
- Mechanical cab suspension: stability and comfort on all terrains.
- Driver's seat with swivel feature, air suspension system and tilt adjustment. Hide-away buddy seat for easier access to the cab.
- Tilt-and reach-adjustable steering wheel, tilting with instrument panel.
- Data Screen Manager: 12-inch touch screen display with new functions.
- New SmartPilot Plus all-in-one joystick.
- Automotive-style interior with dark-coloured soft-touch materials for better dirt resistance.
- Climate control system with new eight-vent layout for perfect air distribution.
- Radio DAB+ with MP3 player, Bluetooth and microphone.
- Up to 14 full-LED lights, eight of which located on the cab, for easy night-time operation.



ADJUSTABLE STEERING WHEEL

The steering column can be adjusted in tilt and reach through a button and a lever. The instrument panel tilts with the steering wheel.

The new functions of the DSM 12-inch tablet-like touch screen display allow the operator to customise the tractor's operation to their own preferences. The new SmartPilot Plus is an all-in-one joystick that provides easy control of all key tractor functions. The controls integrated into the multifunction armrest are servo assisted, intuitive to use and arranged according to anthropometric criteria.

The cab is fully equipped with creature comforts such as a glass holder, refrigerated bottle holder, mobile phone holder, document holder, two USB ports for charging mobile devices, DAB+ radio with MP3 player, Bluetooth and microphone, inside rear-view mirror. The new climate control system with eight vents ensures uniform air distribution within the cab. Up to 14 latest-generation full-LED lights, eight of which located on the cab roof, make loader operation easier and provide optimum illumination for night work.

Inside the High Vision cab comfort is standard, because more comfort also means more productivity.

MyUser

The MyUser menu saves all the settings, including other menus, operating parameters and language, and associates them with the profiles of the various users for a fully customised use in multi-operator applications.

MyLights

The **Serie 6RS** is equipped with up to 14 latest-generation full-LED work lights, eight of which are located on the cab roof. Through the MyLights menu, the operator can choose between two different light configurations in order to create the ideal lighting conditions in any situation.

MyTractor

The MyTractor menu allows the user to save and retrieve the tractor's settings, such as for example the MyHMF menu, without the need to reconfigure them.

MyHMF

The MyHMF menu allows the operator to easily program headland operations, including when the tractor is stationary, by defining a sequence of automated steps.





VERSATILE

I've chosen the Robo-Six transmission and I'm happy with my choice! It's a very efficient transmission. The tractor doesn't lose power in the field and the drive on the road is smoother. And I use less fuel. Also, it is more comfortable: the joystick is easy to use and I can concentrate better on the task at hand."

Frank

ROBO-SIX TRANSMISSION: HIGH PERFORMANCE, LOW CONSUMPTION

Versatile and efficient, the Robo-Six transmission stands up to any challenge, both in the field and on the road. Entirely engineered and built at Argo Tractors' facilities, Robo-Six is a new-generation transmission designed to boost the tractor's performance. Offering four ranges with six PowerShift steps in each range, the Robo-Six transmission provides 24 forward and 24 reverse speeds with 16 gears within a speed range from 4 to 12 km/h. A creep speed unit provides 40 forward and 40 reverse speeds. The range shifting is robotised and the power shuttle lever is adjacent to the steering wheel. Thanks to the PowerShift technology, the transmission does not lose power between gear changes, ensuring top performance in any situation. In addition, a new targeted lubrication system further improves the efficiency of the transmission. To reduce fuel consumption, the Robo-Six transmission allows a top speed of 50 km/h at low engine rpm.

HIGHLIGHTS

- Robo-Six transmission: 6 PowerShift speeds e 4 ranges.
- Robotised range shifting.
- Creeper: 40 FWD + 40 REV speeds, minimum speed 380 m/h.
- Maximum speed 50 km/h at reduced engine rpm for improved fuel economy.
- New SmartPilot Plus all-in-one joystick.
- Eco Forty and Top Fifty modes: fuel economy and reduced noise.
- Speed Matching: automatic powershift selection based on tractor speed.
- Smart APS Auto PowerShift: automatic shifting based on engine speed parameters and load.
- Stop & Action feature: De-clutch function integrated into the brake pedal.
- Power shuttle lever with response modulation, adjacent to the steering wheel.

SMART APS AUTO POWERSHIFT AUTOMATIC TRANSMISSION

During towing work or transport operations, the Smart APS Auto PowerShift function automatically selects the right gear to suit load conditions, travel speed and engine rpm. The Smart APS Auto PowerShift system always ensures the best ratio of performance to fuel consumption, making tractor driving more comfortable and safer.

STOP & ACTION SYSTEM FOR A SMOOTH AND SAFE RIDE

The Stop & Action function allows the operator to operate the clutch by simply pressing the brake pedal. This facility will provide a smooth driving experience, comparable to that of a continuously variable transmission. In addition, a dedicated software will decide, depending on the towed load, when to disengage the clutch, thereby providing maximum safety in any situation.

ECO FORTY AND TOP FIFTY FOR BETTER FUEL ECONOMY AND LESS NOISE

The Eco Forty mode enables the **Serie 6RS** tractor to achieve a speed of 40 km/h at 1572 rpm, thereby reducing fuel consumption and noise levels during transport. The Top Fifty mode allows a top speed of 50 km/h at 1965 rpm for optimum fuel economy.



MULTIFUNCTION ARMREST

The right-hand multifunction armrest allows the operator to control various functions including the Robo-Six transmission, headland management system, PTO, four-wheel drive and differential lock engagement, engine rpm and rear hitch.

RIGHT-HAND CONSOLE

The ergonomic right-hand console houses the controls for the mechanical and electronic remote valves, the suspended front axle and the Precision Steering Management system.

ELECTROHYDRAULIC POWER SHUTTLE

The steering-column power shuttle allows the operator to automatically shift from forward to reverse without using the clutch pedal. The shuttle response is adjustable by the operator if required for different tasks. The power shuttle can also be conveniently operated with the SmartPilot Plus controller.

SMART APS AUTO POWERSHIFT

The Auto Powershift (APS) will change the PowerShift speeds based on engine speed parameters and load for up and downshifting. These parameters can be adjusted by the APS dial in the armrest from an Eco through to a Power setting.

THE NEW SMARTPILOT PLUS JOYSTICK IMPROVES YOUR WORK

The SmartPilot Plus joystick integrated into the multifunction armrest allows the operator to shift through all gears and ranges of the Robo-Six transmission without using the clutch pedal. The transmission engages instantly, always providing plenty of traction, both in the field and on the road. The SmartPilot Plus is an all-in-one joystick that provides convenient and intuitive control of main key tractor functions including transmission, power shuttle, hydraulic system, rear hitch, front loader, PTO, automatic headland management and engine speed memories.

EFFICIENT

This new engine is really efficient and adds value to my work... I can do everything with it, I am more productive and use less fuel. And with the new radiator, coolers open out from a single latch, making cleaning a five-minute job, so I also save time...

Max

NEW ENGINES: HIGHER EFFICIENCY, BETTER FUEL ECONOMY

Delivering all the power, torque and reliability you need to tackle even the toughest tasks, the innovative FPT NEF 45 Stage V engine adds value to your work. The new FPT NEF 45 are 4.5L, four-cylinder turbo intercooled engines with multivalve technology and electronic common rail injection meet Stage V emissions regulations using the Hi-eSCR2 after-treatment technology and deliver power outputs of 135hp, 145hp and 155hp. The common rail and Hi-eSCR2 systems reduce fuel consumption by up to 10 percent compared to equivalent tractors. The **Serie 6RS** is equipped with a 220-litre high-capacity fuel tank, the largest in its segment. The engine and transmission are arranged in such a way that the wheelbase measures only 2560 mm, resulting in outstanding stability and manoeuvrability.

The maximum torque, available at just 1300 rpm, reduces fuel and oil consumption and protects the engine. The torque backup has been increased to 44 percent, further improving tractor productivity. In addition, the Engine Power Management system (EPM) automatically delivers an additional 10 hp to improve traction capability for demanding transport and PTO applications.



HIGHLIGHTS

- New FPT NEF 45 Stage V engine.
- Power Plus system to increase engine power up to 155 hp.
- Turbo with intercooler and electronic common rail injection system.
- Up to 44% torque backup.
- HI-eSCR2 exhaust after-treatment system meeting Stage V emissions requirements.
- Engine Brake function for more efficient braking.
- High-capacity 220L fuel tank, the largest in its class.
- AdBlue® tank with 23L capacity.
- Coolers open out from a single latch to provide easy and fast cleaning.

ENSURING STAGE V COMPLIANCE WITHOUT COMPROMISING ON VISIBILITY

The **Serie 6RS** tractors fully meet the Stage V emissions regulations using the HI-eSCR2 after-treatment system. This technology integrates a maintenance-free filtering device into the SCR catalyst and guarantees particulate-free combustion, maximising engine performance without increasing emissions. The HI-eSCR2 system fits under the bonnet without requiring any changes to the vehicle chassis. This innovative solution allows unobstructed view in all directions without compromising on the tractor's compact design.



ENGINE BRAKE FOR ENHANCED BRAKING EFFICIENCY

The engine brake makes braking safer and more efficient. A convenient foot pedal located in close proximity to the brake pedal activates a motorised throttle valve on the engine's exhaust pipe, thereby increasing the braking torque.

RADIATOR CLEANING IS A FIVE-MINUTE JOB

Reducing routine maintenance time means improving work efficiency. To do this, Landini has developed an innovative system that allows the coolers located in front of the radiator to open fully from a single latch for fast and easy cleaning in dusty conditions. This system improves engine performance while reducing fuel consumption.

SHORT WHEELBASE, LOTS OF ADVANTAGES

A wheelbase of only 2560 mm turns the **Serie 6RS** into a more versatile and easy to handle heavy utility tractor with better front traction and stability for field and loader operations.

HIGHLIGHTS

- IFS suspended front axle: traction, stability, accuracy and comfort on all terrains.
- Low soil compaction and powerful traction.
- Electrohydraulic 4WD and differential lock engagement for increased pulling power.

*Ever since I've had the suspended axle installed on my **Serie 6RS**, I've noticed the tractor has more traction, is stable and handles well. And the driving is easy and precise... I'm less tired than before and I concentrate better on the job.*

Andrew

IFS SUSPENDED AXLE: TRACTION, STABILITY AND ACCURACY ON ALL TERRAINS

The **Serie 6RS** can be equipped with a rugged front axle with independent suspension system (IFS) that allows each wheel to absorb impacts independently of one another. Thanks to its optimum weight distribution, the IFS suspended front axle transfers all the power to the ground making for better grip and greater stability while improving traction and manoeuvrability. Equipped with Twin Lock full locking differential and electrohydraulic four-wheel drive engagement, the IFS front axle improves tractor control on steep and rough terrains as well as during transport. The suspended axle also improves efficiency when using the front loader or other front-mounted implements.

Excellent manoeuvrability and driving accuracy are ensured by a wide oscillation of the front axle, a high ground clearance and a 55-degree steering angle. In addition, the hydrostatic power steering provides smooth steering control even at low engine speeds. The suspended front axle allows a top speed of 50 km/h.





CONFIGURABLE

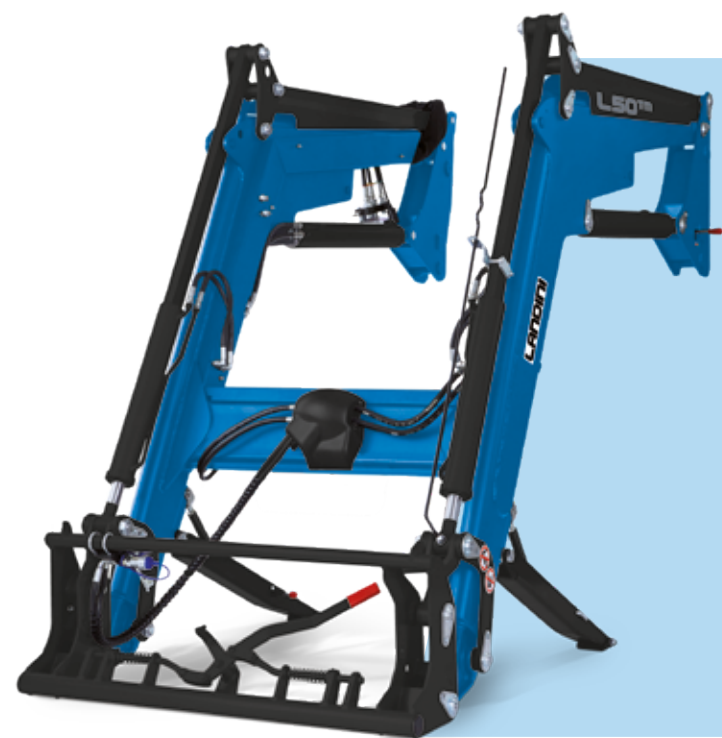
THE HYDRAULIC SYSTEM OF THE SERIE 6RS IMPROVES YOUR PRODUCTIVITY

The hydraulic system of the **Serie 6RS** tractor range is equipped with closed-centre load sensing (CCLS) technology and incorporates advanced features. Thanks to a variable-displacement pump, the system always delivers exactly the quantity of oil required. This eliminates power waste and reduces noise and fuel consumption while improving performance. The system has a total flow of 114 l/min and allows simultaneous operation of front- and rear-mounted implements for maximum efficiency.

The **Serie 6RS** boasts a powerful PTO that provides all the power necessary to operate heavy implements. The smooth, modulated engagement of the PTO ensures a soft start-up of the implements. The rear PTO offers four speeds: 540, 540Eco, 1000 and 1000Eco rpm. A ground speed PTO is also available to match the trailer's speed to the tractor's ground speed. During PTO operations, including when the tractor is stationary, the Engine Power Management system (EPM) provides additional horsepower enabling the engine to maintain a constant power as the load varies. The front hitch has a lift capacity of 2500 kg, while the rear hitch lifts up to 7200 kg.

*My dealer configured the hydraulic system of my **Serie 6RS** to suit my needs... Now I have a machine that is more productive and fuel efficient.*

William



LANDINI L40 FRONT LOADER

The sturdy L40 front-end loader is the perfect match for your **Serie 6RS** tractor. Together they provide efficient performance ensuring high levels of comfort and productivity. The SmartPilot Plus joystick allows precise and intuitive control of L40 front loader ensuring smooth operation in any application. The panoramic roof of the High Vision cab makes loader use easier. All Landini front loaders are compatible with the tractor's front hitch.



THE HYDRAULIC SYSTEM IS CONFIGURABLE TO YOUR REQUIREMENTS

Landini configures the hydraulic system of its tractors to meet the specific needs of each user. The **Serie 6RS** tractor can be fitted with up to seven remote valves with push-pull quick couplings. The basic configuration offers three mechanically- or electronically-controlled rear remotes. Two electronic remote valves and a flow selector with a two-way flow divider are available as an option to operate two hydraulic functions with a single remote valve. The **Serie 6RS** can be further equipped with two electronically-controlled mid-mount remotes. The electronic remote valves are controlled by the SmartPilot Plus multifunction joystick or via intuitive fingertip controls integrated into the right-hand console.

MULTIPLE HYDRAULIC FUNCTIONS WITH THE FLOW SELECTOR

The flow selector features a flow divider with two quick couplings allowing two hydraulic functions to be controlled with a single remote valve. This means the operator can control up to six hydraulic functions with five remotes and one flow selector.

MAXIMUM VERSATILITY WITH THE FRONT HITCH AND PTO

The front hitch Category 3 and the front PTO, which can be used in combination with the rear implements, enhance the versatility of the **Serie 6RS** tractor. The front hitch with a lift capacity of 2500 kg and the electronic rear hitch capable of lifting up to 7200 kg are both controlled via the SmartPilot Plus joystick for easy, convenient and precise operation. External PTO and hitch controls are located on the rear fenders making it easier to attach implements from the ground. The front PTO with a speed of 1000 rpm is engaged by a pushbutton.



PRODUCTIVE

Telemetry and satellite-based guidance have changed my work forever. With more control and more accuracy, I've reached levels of productivity and savings that I didn't think were possible...

Lawrence

LANDINI PLAYS A KEY ROLE IN AGRICULTURE 4.0

Technological innovation improves working conditions, increases productivity and supports the environment. Following this philosophy, Landini has prepared its tractors for precision farming and fleet management strategies. These applications offer a number of benefits: the satellite guidance system provides unequalled steering accuracy; the ISObus system ensures efficient control of implement activities, including fully automated tasks; telemetry monitors fleet activity and analyses machine performance data; remote diagnostics detects and diagnoses machine issues from a distance. Landini responds to customers' needs by offering more efficiency and profitability while improving simplicity, safety and comfort.

PRECISION STEERING MANAGEMENT FOR PRECISION PERFORMANCE

Precision farming as a concept has been in existence ever since man started to cultivate land. Today, thanks to technological development, precision farming is carried out with innovative tools designed to 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 display. The precise steering control achieves pass-to-pass-accuracy levels down to 2 cm. This high degree of accuracy reduces operating costs, saves time, protects the environment and increases productivity.



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. All ISObus-compatible implements are easily and accurately managed through a DSM 12" touch screen monitor to improve operating efficiency and productivity.

Landini is a leading participant in the innovative ISObus Green project. This solution enables farmers to retrofit their mechanical implements with the technology so as to connect them to the tractor's ISObus system. With the ISObus Green project farmers will maximise the productivity of their implements.



PRECISO

PRECISION STEERING MANAGEMENT & ISOBUS BRING BENEFITS TO THE FIELD

The Precision Steering Management and the ISObus system are some of the innovative technologies adopted by Landini to increase the comfort, the safety and above all the productivity of each task:

- > All implement activities, including fully automated tasks, are managed with a high level of accuracy.
- > When the operator must drive the tractor and simultaneously operate the implement, the PSM satellite-based steering system will allow them to fully concentrate on the task at hand.
- > The satellite-based steering system tracks planned work paths precisely, making tractor driving more accurate and comfortable.
- > Reducing the travelled distance in the field reduces tractor and implement wear while saving fuel.
- > The use of variable rate application eliminates skips and overlaps, minimising product waste. Beside reducing water consumption, the variable rate technology reduces seed use by 10%, fertilisers by 16% and herbicides by up to 60%.
- > Chemical residues are significantly reduced, thereby contributing to the protection of the environment.
- > Report and pre-setting operations are simpler and can be conveniently done from home. This eliminates the need for expert operators.

FLEET & REMOTE DIAGNOSTICS MANAGEMENT HELPS FARMERS GROW PROFITS

As a company traditionally committed to technology and innovation, Landini equips all its tractors with remote management and diagnostic capability. The Landini Fleet & Diagnostics Management system is designed to reduce operating costs and increase efficiency and productivity by helping farmers to make data-driven decisions. This advanced solution is based upon four key elements:

- 1. Real-time fleet monitoring:** the system displays the exact location of each tractor in a fleet and monitors its efficiency by checking parameters like speed, engine performance, average consumption and work progress.
 - 2. Data analysis:** the system calculates the cost, efficiency and productivity of each tractor and indicates the farm's profit margin. These data are essential to make forecasts and organise work plans.
 - 3. Remote diagnostics and maintenance:** our after-sales service responds in real time in order to adopt the best solutions and to improve tractor performance. This reduces downtime and extends equipment life.
 - 4. Storage of working data:** the system outlines the work areas and saves the activity data for further use. This eliminates errors and maximises efficiency.
- Designed to effectively respond to customers' needs, the Landini Fleet & Remote Diagnostics Management helps farmers to make the most appropriate choices in order to maintain their tractors in good working order, optimise their work and increase their business profitability.



QUICK MAINTENANCE TO GET YOU UP AND RUNNING IN NO TIME

The **Serie 6RS** is a multi-utility tractor designed to provide maximum reliability. The tractor offers a variety of solutions to simplify and speed up maintenance.

1. The tilt-up bonnet opens 90 degrees allowing for quicker maintenance checks.
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 hood.
3. The engine air filter is conveniently placed to facilitate cleaning and replacement.
4. The radiator coolers open fully from a single latch to allow fast and easy cleaning.
5. The fuel and AdBlue tanks are conveniently placed to allow quick filling. Tank caps have different colours to avoid mix-up.
6. The in-cab air filter is easily accessible for maintenance.
7. The oil level in the transmission can be conveniently checked through the oil filler cap with level gauge located beside the rear PTO.



LANDINI ORIGINAL SPARE PARTS: NUMBER ONE IN PRODUCTIVITY

Although it works hard, your Landini tractor always looks good as new. With Landini original parts time seems to have stopped. Our original spare parts are an integral part of our scheduled maintenance and extended warranty program. Developed by the same engineers who design and manufacture the Landini tractors, genuine Landini parts are designed and manufactured to the highest quality standards to ensure reliable and safe performance over time. The strong points of Landini original spare parts are the following:

- **Fast delivery:** Spare parts are always shipped within 24 hours of order receipt.
- **Quality:** Each part comes with a 12-month warranty and is marked with a tamper-proof hologram that certifies the product's quality and originality.
- **Value for Money:** Original Landini parts are reliable and good value: they improve your tractor performance, maintain high productivity levels and preserve your tractor's value. All Landini spare parts rely on our extensive design and manufacturing expertise. When you choose Landini, you are choosing quality without compromise.



TRADITION

PASSION FOR INNOVATION, SINCE 1884

Giovanni Landini had a dream: to change forever the history of farming by bringing the power of machines to the fields. He pursued this goal with great determination and in 1884 he finally realised his dream by setting up his own factory named Officine Landini. Landini's long history is marked by continued innovation in design and production processes and by a strong commitment to customers.

In 1994, Landini was acquired by the Argo Industrial Group. The acquisition enabled the company to expand its international presence by creating a worldwide network of subsidiaries and distributors. Giovanni Landini's dream was to make farm work less arduous and more productive. That dream is still alive today, where our quality of life greatly depends on the quality of our agricultural products.

TECHNICAL DATA

		6-135 RS ROBO-SIX	6-145 RS ROBO-SIX	6-155 RS ROBO-SIX
ENGINE				
Rated power (97/68/EC - ISO TR 14396)	hp/kW	113 / 83	123 / 91	136 / 100
Rated power with EPM (97/68/EC - ISO TR 14396)	hp/kW	123 / 91	133 / 98	143 / 105
Max power (97/68/EC - ISO TR 14396)	hp/kW	125 / 92	135 / 100	144 / 106
Max power with EPM (97/68/EC - ISO TR 14396)	hp/kW	135 / 100	146 / 107	155 / 114
Rated engine speed	rpm	2200		
Engine speed at max power	rpm	1800		
Max torque without EPM (with EPM) at 1400 rpm	Nm	520 (551)	551 (610)	600 (630)
Torque backup without EPM (with EPM)		44% (40%)	40% (44%)	38% (38%)
Manufacturer		FPT		
Engine type - Installation		NEF 45		
Stage V / Tier 4 Final exhaust after-treatment system		HI-eSCR2		
Cylinders/ Displacement / Valves		4 / 4.5 l / 16		
Air filter system		air filter with pre-cleaning stage and dust ejector		
Air intake system		turbo intercooler		
Fuel injection system		electronically-controlled high pressure common rail system		
Maintenance		500 hours maintenance interval		
Cooling system		matrix radiator pack - coolers open out from single latch - viscous fan		
CAPACITIES				
Fuel tank	l	220		
AdBlue / DEF tank	l	23		
Cooling system	l	27		
TRANSMISSION				
Type		Robo-Six - 6 powershifts and 4 robotised ranges		
No. of gears		● 24 FWD + 24 REV without creeper - ○ 40 FWD + 40 REV with creeper		
Minimum speed	km/h	2.4 without creeper - 0.38 with creeper		
Engine speed at 40 km/h	rpm	● - 1572		
Engine speed at 50 km/h	rpm	○ - 1965		
Transmission & other controls		● - SmartPilot with armrest - controls for powershift transmission, RPS, engine memo switch, MyHMF, rear PTO and rear hitch ○ - SmartPilot Plus with armrest - controls for powershift transmission, RPS, engine memo switch, MyHMF, rear PTO, rear hitch, rear remotes, front hitch and front loader		
Transmission & other controls		electrohydraulic with modulation control		
Forward/reverse shuttle		● - electronically-controlled automatic powershift shifting		
APS - AUTO POWERSHIFT				
Type		electrohydraulic multidisc clutch with modulated engagement		
Speeds	rpm	● 540 / 540 E - ○ 540 / 1000 ○ 540 / 540 E / 1000 / 1000 E		
Engine speed at rated PTO speed	rpm	● 1944 / 1581 - ○ 1944 / 1952 - ○ 1944 / 1581 / 1952 / 1586		
Rotation - spline shaft type		clockwise (viewed from tractor rear) - ● - 1-3/8" PTO shaft with 6 splines / ○ 1-3/8" PTO shaft with 21 splines		
FRONT AND REAR AXLES				
Front rigid axle		● - with brakes		
Front suspended axle		○ - IFS - independent front wheel suspension system		
Traction type		electrohydraulic 4WD		
Front differential lock		fully electrohydraulic wet clutch		
Rear differential lock		fully electrohydraulic wet clutch		
Rear axle - flanged type		●		
BRAKING SYSTEM				
Front braking system		wet multi-disc brakes and 4WD engagement while braking		
Rear braking system		4 oil-cooled discs		
Trailer braking system		pneumatic brake system with 2 or 2+1 lines as per MR, with or without single-line hydraulic brake - 2-line hydraulic brake system as per MR (40 km/h only)		
Engine brake		●		
HYDRAULIC SYSTEM				
Hydraulic piston pump with CCLS system - flow rate	l/min	● - 114 - for hitch and remotes		
Remote valves - type, flow rate, min - max		● - 3 mechanical - 80 l/min ○ - 3 mechanical + 2 electrohydraulic, 5 electrohydraulic - 100 l/min		
Flow divider with flow selector - section flow rate		○ - flow divider with 2 sections - 60l/min		
Free-flow return		●		
Power Beyond ready and free-flow return		○		
Power Beyond with push-pull connectors and free-flow return		○		
Mid-mounted remote valves - number, type, flow rate		○ - 2 electrohydraulic with multifunction joystick - 100 l/min		
Front loader ready kit		○		
Hydraulic oil take-out	l	● - 23 - ○ - 35 max take-out capacity with additional tank		

REAR 3-POINT HITCH				
Electronically-controlled rear hitch		with lower link draft control, position control, mixed control, float position		
Category - coupler type		● II - quick-hitch hooks - ○ III - quick-hitch hooks		
Max lift capacity at the hooks - ram diameter	kg	● 7200 - 90 mm		
FRONT 3-POINT HITCH				
Electronically-controlled front hitch		● - with position control		
Category - coupler type		● III N - quick-hitch hooks		
Lift capacity at the hooks (OECD at the hooks)	kg	2500		
FRONT PTO				
Type		○ - electrohydraulic multidisc clutch with modulated engagement		
Speeds	rpm	1000		
Engine speed at rated PTO speed	rpm	1920		
Rotation - spline shaft type		○ - clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 6 splines		
Rotation - spline shaft type (North American version)		○ - counter-clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 21 splines		
CAB				
Landini High-Vision cab - 4-post cab mounted on silent blocks		● - with panoramic roof		
Landini mechanical cab suspension system		○		
In-cab noise level	dB(A)	75		
Manual climate control		●		
Automatic climate control		○		
Air suspension seat		● - low-frequency air suspension, swivel and height adjustments, manual weight control, lumbar support and headrest		
Hide-away buddy seat		●		
SmartPilot with armrest		●		
DSM Data Screen Manager		○ - 12" touch screen monitor		
MyLights		● - with DSM		
MyHMF		● - with DSM		
Radio ready		● - with 4 speakers		
Radio system		○ - radio DAB Mp3 with 4 speakers, bluetooth, aux-in and integrated microphone		
Work lights - version 1		● 10 - 2 bonnet, 4 roof front, 4 roof rear		
Work lights - version 2		○ 14 - 2 bonnet, 2 handles (LED), 4 roof front, 4 roof rear, 2 rear fenders (LED)		
Full LED work lights		○ 14 - 2 bonnet, 2 handles, 4 roof front, 4 roof rear, 2 rear fenders		
Beacon lights		● - left side ○ - left and right side		
ON-BOARD TECHNOLOGY				
Front ISOBus		○		
Rear ISOBus		○		
PSM Precision Steering Management, rear ISOBus and EazySteer - ready		○		
PSM Precision Steering Management, rear ISOBus and EazySteer - EGNOS full kit		○		
PSM Precision Steering Management, rear ISOBus and EazySteer - RTK NTRIP full kit		○ - AT Spare Parts		
Landini Fleet Management - ready		●		
Fleet & Remote Diagnostic management and xFarm Pro Pack - 1 year		● - on selected markets		
Fleet & Remote Diagnostic management and xFarm Pro Pack - 3 years		○ - on selected markets		
Fleet & Remote Diagnostic management and xFarm Pro Pack - 5 years		○ - on selected markets		
WEIGHT AND DIMENSIONS				
Wheelbase	mm	2560		
Max height over cab without beacon lights (with PSM satellite steering system)	mm	2880 (2999) - measured with tyres 480/65R28 - 600/65R38		
Max height from top of cab to rear axle centre (with PSM satellite steering system)	mm	2101 (2220)		
Max length with front weights - Max width	mm	5360 - 2550 measured with tyres 480/65R28 - 600/65R38		
Steering radius	mm	5400, measured with tyres 480/65R28 - 600/65R38		
Shipping weight - measured with average specs	kg	5500		
Gross vehicle weight	kg	9500		
Max front and rear tyre sizes - (Index Radius - IR)	mm	520/60R28 VF (IR 650) - 650/60R38 VF (IR 825)		
Front weight support		●		
Weights - no. x weight	kg	○ - 8 x 45 - or 12 x 45		
Front hitch weight	kg	○ - 600		
Rear axle weights	kg	○ - 170 - or 340		

Legenda: ● standard ○ option ~ not available



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