



Spire F/S/V VRT

Spire F VRT 4-Wheel Steering

90 | 95 | 100 | 105 | 115



Innovation, performance and style. There's only one choice: Lamborghini Spire F/S/V VRT

Lamborghini Trattori has always been synonymous with elegance and style whether in the open field, the fruit orchard or the vineyard. Lamborghini Spire F/S/V VRT tractors are specialised machines offering class-beating technology tailored to respond to the specific needs of any farm. The Lamborghini Spire F/S/V VRT family has always represented a revolutionary choice, redefining the standards for the fruit orchard and vineyard tractor segment by offering a host of unique characteristics such as VRT continuously variable transmission, a front axle with independent wheel suspension, a premium hydraulic system and the exclusive 4-wheel steering technology. With the introduction of the new Stage V compliant generation, Lamborghini Trattori's engineers have improved the entire Spire F/S/V VRT family even further, adding a spate of new features and functions. Technological upgrades include the telematics function and a choice of fully integrated factory-installed auto guidance offering varying degrees of driver assistance and automation.

Engine

For its new generation of Spire F/S/V VRT tractors with FARMotion 35 and FARMotion 45 Stage V engines, Lamborghini Trattori has succeeded in maintaining the same overall dimensions as the previous equivalent models despite the addition of a complete suite of new exhaust aftertreatment solutions (EAT). The changes made to comply with the new and more stringent emissions standard have had no impact whatsoever on any of the key measurements of the tractor: from wheelbase and overall length to bonnet height, cab height and ground clearance. Every aspect of the new Spire F/S/V VRT is as functional and essential; all the exhaust aftertreatment systems (DPF, SCR, DOC and EGR) have been intelligently optimised for compactness, to ensure the necessary manoeuvrability demanded of this class of machine. The Lamborghini Spire F/S/V 115 VRT Stage V models feature a maximum power of 116 HP which during transport can further be increased with the new OverBoost function which provides an extra power of 10 HP, reaching a max power of 126 HP. Thanks to OverBoost higher speeds while transporting trailers also on steep gradients can be reached.



Intuitive and simple to use, the VRT transmission is the ideal choice for the typical tasks of a fruit orchard and vineyard tractor.

The VRT continuously variable transmission equipping the Lamborghini Spire F/S/V VRT family delivers immense performance at all times, in all terrain conditions and even on steep slopes. This transmission offers an infinite range of drive ratios and allows the tractor to attain a top speed of 40 Km/h at an extremely economical engine speed while ensuring exceptional power delivery to the wheels in all conditions, whether on flat terrain or on a gradient.

The transmission of the Spire F/S/V VRT family combines the performance of a mechanical gearbox with the comfort of a hydrostatic system. The power and torque of the engine are transformed instantaneously into efficient and waste-free productivity, whatever the conditions. The VRT transmission is also extraordinarily easy to use: in AUTO mode, simply set the required groundspeed and the tractor accelerates seamlessly to attain it. The engine and transmission do all the rest, communicating continuously with each other and modifying drive ratio in real time to maintain the most efficient and effective engine speed in relation to load. The software of the VRT control unit offers a choice of additional operating modes. In MANUAL mode, the throttle pedal is used to control engine speed and the multifunction joystick is used to adjust groundspeed, and the tractor behaves essentially like a machine with a mechanical gearbox, but with the smoothness typical of a CVT transmission. PTO mode is selected automatically when the PTO is engaged, and maintains a constant PTO speed independently of tractor speed, which the driver can continue to modify as required with the accelerator/drive pedal.



The new F/S/V VRT Stage V family comes as standard with three PTO speed modes: (540 rpm, 540ECO and 1000 rpm). The PTO comes as standard with an interchangeable stub shaft and a progressively engaged electrohydraulically controlled clutch. There's also an invaluable Auto PTO function, which automatically engages and disengages the PTO in relation to the position of the implement hitched to the 3-point linkage. Other options for the Lamborghini Spire F/S/V VRT include a groundspeed PTO and a 1000 rpm front PTO.

Hydraulics

Working between the vine rows or in an orchard demands the hydraulic power even higher than a full-sized tractor: the power delivered by the Spire F/S/V VRT meets the needs of even the most sophisticated implements.

The premium hydraulic system developed by Lamborghini for the Spire F/S/V VRT is offered in a choice of different configurations to cater for the specific needs of the user. For use with implements with moderate hydraulic power demands, the Spire F VRT is equipped in base with an open centre hydraulic system with an 84 l/min pump, which delivers oil exclusively to the lift and the distributors. For more power-demanding hydraulic implements, Spire F VRT models may be configured with a Load Sensing pump, which delivers a flow rate of 100 l/min (115 for Spire F VRT 4-wheel steering) at an engine speed of 1750 rpm. This pump is in base for the models Spire S/V VRT and provides for less demanding applications a flow rate of 70 l/min at an engine speed of 1300 rpm, significantly reducing fuel consumption. In addition to this is a separate hydraulic circuit with a dedicated 42 l/min pump specifically for the hydraulic steering system. The Spire F/S/V are offered with up to five rear double acting electrohydraulic distributors to cater for the needs of even the most power hungry implement used for tasks between the vines, for handling materials or for grounds care. As with every other aspect of the Spire F/S/V VRT the hydraulic system is also conceived for total flexibility. The oil volume quantity and flow rate can be set and saved for each individual control device. The incredible versatility of the hydraulic system of the Lamborghini Spire F/S/V VRT family also extends to the mid-mounted position





of the tractor, where four double acting auxiliary distributors are available. The oil volume for these can be regulated consistently in an individual way. In addition or as an alternative, the tractor can also be configured with additional hydraulic mid-mounted ways duplicated from the rear. Thanks to this high number of hydraulic connections (up to 21), the installation of combination of implements (front, mid and rear mounted) is easily possible. Spire S VRT can even be equipped with a specifically shaped fuel tank which allows the fitting of mid-mounted implements while keeping the overall width of the tractor less than 1.3 m. All models of the Spire F/S/V VRT family offer outstanding rear lifting performance. The electronic control ensure precise and effective draft and position control of the rear lift. Soil engagement depth is controlled with the dial on the armrest, while the lift and drop rates of the implement are controllable with a single finger using a simple controller on the joystick. A practical switch on the rear of the control console lets the operator hitch rear implements with precise, progressive arm movements directly from the cab. Drop rate is adjustable with a specific dial while lift rate is configurable from the specific settings menu on the InfoCentre^{Pro}. Impressive lift performance: The electronically controlled rear lift has a maximum lift capacity of 3800 Kg on the F version (3400 Kg with 4-wheel steering technology) or 2600 Kg on S and V versions. The optional front lift has a load capacity of up to 1500 Kg. But being able to work effectively with implements is not just about hydraulic performance, and controls that are ergonomically organised and easy to reach and use from the driver seat also play a fundamental role. When working with implements behind the tractor, the operator simply has to turn slightly with the upper part of their body towards the rear to reach and use the secondary joystick for controlling the relative distributors. While, when working with front implements, the driver can control the mid-mounted spool valves pressing the buttons on the main joystick. In any case, InfoCentre^{Pro} allows the free assignment of controls.



The innovative chassis of the Lamborghini Spire F/S/V VRT is offered with a choice of front axle variants.

All models are available with either a conventional swinging front axle or with the optional new active controlled, independent wheel, hydropneumatic front suspension system.

The Lamborghini front axle features an articulated quadrilateral front suspension layout managed in concert with the DTC (differential traction control) function by an adaptive electrohydraulic system.

The sophisticated suspension system uses a combination of active damping control, self levelling and traction control functions to improve stability, traction, comfort and safety in all terrain conditions, whether in the field or on the road.

The highly effective and integrated functions of the entire suspended front axle system complement the compact dimensions of the Spire F/S/V VRT to perfection to maximise productivity in fruit orchards and vineyards, letting these tractors manoeuvre with ease with heavy implements even on steep gradients and in poor terrain conditions, and especially in situations with very limited headland space. The independent wheel front axle suspension has been improved even further for the latest generation of the Lamborghini Spire F/S/V VRT. Two new cylinders and a new valve block mean that the front axle can now sustain even heavier loads.

A new IMU (Inertial Measurement Unit) sensor, which measures acceleration in all axes (roll, pitch and yaw) has also been integrated into the architecture of the suspended front axle system. These parameters are used to implement even more sophisticated control of the front axle suspension. The result is increased comfort and stability. A number of crucial safety and stability functions can also be integrated in the intelligent suspension system of the Lamborghini Spire F/S/V VRT. These include an Anti-Roll function which, at speeds above 15 km/h, alters the stiffness of the right or left hand wheel suspension independently to counter roll and improve vehicle stability.

But is not only the front axle which has innovative features. Spire F VRT can even be fitted with the exclusive 4-wheel steering technology which dramatically increases the maneuverability of the tractor. The 4-wheel steering system offers several steering modes (Proportional, Proportional delayed, Crab, Manual and Auto) in order to adapt the behaviour of the tractor to every working conditions. All Lamborghini Spire F/S/V VRT tractors are equipped with all-wheel braking and a Hydraulic Parking Brake (HPB) as standard. This is a combined mechanical-hydraulic system which applies constant pressure to the rear disc brakes to hold the tractor in complete safety on any gradient. In addition to offering a strong and safe braking action, this system also reduces transmission power losses.



Lamborghini Spire F/S/V VRT: redefines again the standards for cabs in the fruit orchard-vineyard tractor segment

Spacious on the inside but extremely compact on the outside. This was one of the main goals for the development of the four pillar cab equipping the new Lamborghini Spire F/S/V VRT family. Every detail of the exterior of the cab is conceived to maximise all-round visibility, eliminate blind spots and minimise plant damage. The interior raises the benchmark for ergonomics and intelligent space usage in a specialised tractor cab.

All three variants (F, S and V) feature a cab suspended on Hydro Silent-Block mounts as standard. The entire cab is isolated from the chassis of the tractor by four special mounts filled with hydraulic fluid to minimise the noise and vibration transmitted to the interior of the cab itself. An all-flat floor facilitates access to the driver seat. The unobstructed floor space offers generous legroom, accentuating the comfort of the seating position. The adjustable steering column lets drivers of any stature find the ideal position. Close to the InfoCentre^{Pro} can be installed the iMonitor. The iMonitor lets the operator quickly access and configure a number of tractor settings (relative to the distributors, transmission, ASM function etc.) and works also as interface for autoguidance and ISOBUS, if the tractor is also equipped with this functionality.

The main controls are arranged on a console integrated into the driver seat, which includes the intuitive and ergonomically optimised MaxCom multifunction joystick with rationally organised and easily reached control switches. The joystick also includes the controls for the distributors and the ComforTip headland turn function. In addition to these are a thumbwheel and three user-programmable "Jolly buttons" which can be configured, for example, to control the shuttle or raise/lower the rear lift.



Precision is the basic prerequisite for productivity.

SDF Smart Farming Solutions combines a large number of digital solutions for efficient and comfortable operation of tractors. These solutions include reliable and extremely precise auto-guidance systems, ISOBUS applications and a number of data management systems. The iMonitor is a simple to use centralised controller which plays a key role in the majority of these solutions and applications.

SDF Guidance

SDF Guidance

Auto-guidance systems feature increasingly as standard equipment in the tractors used by many farms today, due to the evident advantages they offer: saving resources, increasing convenience and productivity as well as reliable precision. You can trust its high reliability even in difficult working conditions such as fog or night time. Anyone who has ever worked with a steering system will never want to be without it again. Many precision farming applications are based on satellite navigation. Our receivers use free, internationally available signals which offer different accuracy levels depending on the correction service and the receiver model. You can choose the system that best suits your operation.

SDF Data Management

SDF Data management

Efficient data management is becoming increasingly important to optimise work processes. No matter which type of data you want to work with, whether it's machine or agronomic data: SDF provides various applications for reliable transfer and insight of valuable data. Using standard file formats, customers can keep an overview at all times and data are transferred in a coordinated manner. This ensures maximum compatibility while our customers are always master of their decisions.

SDF Fleet Management

SDF Fleet management

Optimise operations. Increase efficiency. The new SDF Fleet Management offers customized solutions to manage relevant machine data at a glance. Our customers like farmers, contractors or any other users benefit from full control of their machines by accessing various valuable data. The browser-based SDF Fleet Management application is the central interface to insight telemetry data for Lamborghini Trattori machines. Machine data like fuel level, position or speed are transferred in real time into the application where users can monitor, analyse and optimise the usage of their machinery. Error messages can be transmitted to dealer's service manager to prevent upcoming issues and decrease even machine downtime.



Agrirouter

For reliable online data exchange between different endpoints, Lamborghini Trattori provides an interface to the Agrirouter. It is a universal data exchange platform that allows farmers and contractors to exchange data like field boundaries or guidelines between machinery and any agricultural software applications (e.g. an FMIS) from a wide range of manufacturers.

ISOBUS

Electronics make agricultural machinery safer, more powerful, more precise and more efficient. ISOBUS connectivity lets the operator use multiple applications to control different implements individually from a single monitor. iMonitor is the central controller for all ISOBUS applications and can perform many different tasks intuitively and easily, such as assigning AUX-N functions, generating and handling application maps and automatically controlling up to 200 different sections. A great number of functions are even available without activation.

TIM automates various functions between tractor and implement to increase comfort, efficiency and ensures highest level of work quality. A wide range of Lamborghini Trattori tractor models are already TIM-ready and can easily be activated for full use of tractor implement management.



HIGHLIGHTS

- Increased productivity
- Easy to use
- Secure data
- Added convenience
- Unprecedented precision
- Advanced connectivity
- Superior compatibility
- Maximised profitability
- More efficient task management

TECHNICAL DATA		SPIRE F VRT				
		90	95	100	105	115
ENGINE						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail @ 2,000 bar				
Cylinder/Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power with OverBoost [ECE R120]	kW/HP	-	-	-	-	93/126
Max. power [ECE R120]	kW/HP	67/91	70/95	75/102	78/106	85/116
Power at rated engine speed [ECE R120]	kW/HP	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @ 1400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	81 (61)	81 (61)	81 (61)	81 (61)	81 (61)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
VRT TRANSMISSION						
Max speed*	km/h @rpm	40 @ 1570				
CruiseSpeed	n°	2 forward + 2 reverse				
PowerZero		■	■	■	■	■
Driving Strategies (Auto/Manual/PTO)		■	■	■	■	■
SenseClutch with 5 adjustment levels		■	■	■	■	■
PTO						
Electrohydraulic engagement		■	■	■	■	■
PTO speeds		540/540ECO/1000				
Groundspeed PTO		□	□	□	□	□
Front PTO 1000		□	□	□	□	□
LIFT						
Electronic rear lift		■	■	■	■	■
Rear lift capacity	Kg	3800	3800	3800	3800	3800
Hydraulic right tie rod and stabilizers		□	□	□	□	□
Front lift (1500 Kg)		□	□	□	□	□
HYDRAULICS						
Open centre hydraulic system (STD)	l/min	84	84	84	84	84
Closed centre hydraulic system (OPT)	l/min	100	100	100	100	100
Rear spool valves (STD/OPT)	n°	2/3/4/5	2/3/4/5	2/3/4/5	2/3/4/5	2/3/4/5
Mid-mounted spool valves (OPT)	n°	2/4	2/4	2/4	2/4	2/4
Mid-mounted hydraulic ways- duplicated from rear (OPT)	n° of ways	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
BRAKES						
4 wheel braking		■	■	■	■	■
Hydraulic Parking Brake (HPB)		■	■	■	■	■
Hydraulic trailer brake		□	□	□	□	□
FRONT AXLE						
Electrohydraulic engagement for 4WD and Diff.Lock		■	■	■	■	■
Auto 4WD		□	□	□	□	□
ASM		□	□	□	□	□
Independent steering pump	l/min	42	42	42	42	42
Steering Double Displacement (SDD)		□	□	□	□	□
INDEPENDENT FRONT AXLE SUSPENSION (OPT)						
Adaptive-Damping, Active Self-Leveling functions		■	■	■	■	■
Anti-Dive, Anti-Roll functions		■	■	■	■	■
Differential Traction Control (DTC)		■	■	■	■	■
CAB						
MaxCom armrest connected to the seat		■	■	■	■	■
InfoCentre ^{Pro}		■	■	■	■	■
Comfortip Headland Management		■	■	■	■	■
Pneumatic suspended seat		■	■	■	■	■
Suspended on Hydro Silent-Block		■	■	■	■	■
Cat.4 filtration system		□	□	□	□	□
4 Gen LED working lights		□	□	□	□	□
Rear cameras		□	□	□	□	□
SDF SMART FARMING SOLUTIONS						
8" iMonitor		□	□	□	□	□
Fully integrated autoguidance		□	□	□	□	□
CTM		□	□	□	□	□
ISOBUS		□	□	□	□	□
DIMENSIONS AND WEIGHTS						
Width (min.-max.)	mm	1411-1671	1411-1671	1411-1671	1411-1671	1411-1671
Wheelbase	mm	2044	2174	2044	2174	2174
Maximum height	mm	2520	2520	2520	2520	2520
Total unladen weight	Kg	3340-3930	3340-3930	3565-4155	3565-4155	3565-4155
Total admissible load	Kg	5200	5200	5200	5200	5200

* engine rpm at max. speed varies according to rear tyre size

STD ■ OPT □ Not available -

TECHNICAL DATA		SPIRE F VRT 4-WHEEL STEERING				
		90	95	100	105	115
ENGINE						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail @ 2,000 bar				
Cylinder/Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	4/3849
Max. power with OverBoost (ECE R120)	kW/HP	-	-	-	-	93/126
Max. power (ECE R120)	kW/HP	67/91	70/95	75/102	78/106	85/116
Power at rated engine speed (ECE R120)	kW/HP	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @ 1400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	81 (61)	81 (61)	81 (61)	81 (61)	81 (61)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
VRT TRANSMISSION						
Max speed*	km/h@rpm	40 @ 1750				
CruiseSpeed	n°	2 forward + 2 reverse				
PowerZero		■	■	■	■	■
Driving Strategies (Auto/Manual/PTO)		■	■	■	■	■
SenseClutch with 5 adjustment levels		■	■	■	■	■
PTO						
Electrohydraulic engagement		■	■	■	■	■
PTO speeds		540/540ECO/1000				
Groundspeed PTO		□	□	□	□	□
Front PTO 1000		□	□	□	□	□
LIFT						
Electronic rear lift		■	■	■	■	■
Rear lift capacity	Kg	3400	3400	3400	3400	3400
Hydraulic right tie rod and stabilizers		□	□	□	□	□
Front lift (1500 Kg)		□	□	□	□	□
HYDRAULICS						
Closed centre hydraulic system (STD)	l/min	115	115	115	115	115
Rear spool valves (STD/OPT)	n°	3/4/5	3/4/5	3/4/5	3/4/5	3/4/5
Mid-mounted spool valves (OPT)	n°	2/4	2/4	2/4	2/4	2/4
Mid-mounted hydraulic ways- duplicated from rear (OPT)	n° of ways	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
BRAKES						
4 wheel braking		■	■	■	■	■
Hydraulic Parking Brake (HPB)		■	■	■	■	■
Hydraulic trailer brake		□	□	□	□	□
FRONT AXLE						
Electrohydraulic engagement for 4WD and Diff.Lock		■	■	■	■	■
Auto 4WD		□	□	□	□	□
ASM		□	□	□	□	□
Independent steering pump	l/min	42	42	42	42	42
Steering Double Displacement (SDD)		□	□	□	□	□
INDEPENDENT FRONT AXLE SUSPENSION (OPT)						
Adaptive-Damping, Active Self-Leveling functions		■	■	■	■	■
Anti-Dive, Anti-Roll functions		■	■	■	■	■
Differential Traction Control (DTC)		■	■	■	■	■
4-WHEEL STEERING SYSTEM						
Proportional mode		■	■	■	■	■
Proportional delayed mode		■	■	■	■	■
Crab mode		■	■	■	■	■
Manual offset adjustment		■	■	■	■	■
Auto mode		■	■	■	■	■
Comfortip integration		■	■	■	■	■
Rear steering limit setting		■	■	■	■	■
CAB						
MaxCom armrest connected to the seat		■	■	■	■	■
InfoCentre ^{Pro}		■	■	■	■	■
Comfortip Headland Management		■	■	■	■	■
Pneumatic suspended seat		■	■	■	■	■
Suspended on Hydro Silent-Block		■	■	■	■	■
Cat.4 filtration system		□	□	□	□	□
4 Gen LED working lights		□	□	□	□	□
Rear cameras		□	□	□	□	□
SDF SMART FARMING SOLUTIONS						
8" iMonitor		□	□	□	□	□
Fully integrated autoguidance		□	□	□	□	□
CTM		□	□	□	□	□
ISOBUS		□	□	□	□	□
DIMENSIONS AND WEIGHTS						
Width (min.-max.)	mm	1441-1632	1441-1632	1441-1632	1441-1632	1441-1632
Wheelbase	mm	2044	2174	2044	2174	2174
Maximum height	mm	2520	2520	2520	2520	2520
Total unladen weight	Kg	3750-4340	3830-4420	3750-4340	3830-4420	3830-4420
Total admissible load	Kg	5200	5200	5200	5200	5200

* engine rpm at max. speed varies according to rear tyre size

STD ■ OPT □ Not available -


TECHNICAL DATA		SPIRE S/V VRT				
		90	95	100	105	115
ENGINE						
Type		FARMotion 35	FARMotion 45	FARMotion 35	FARMotion 45	FARMotion 45
Emission level		Stage V				
Aspiration		Turbo Intercooler				
Injection @ pressure	Type	Common Rail @ 2,000 bar				
Cylinder/Displacement	n°/cc	3/2887	4/3849	3/2887	4/3849	
Max. power with OverBoost (ECE R120)	kW/HP	-	-	-	-	93/126
Max. power (ECE R120)	kW/HP	67/91	75/102	75/102	78/106	85/116
Power at rated engine speed (ECE R120)	kW/HP	63.5/86	66.4/90	71.1/97	74/101	80.6/110
Max torque @ 1400 rpm	Nm	372	389	417	433	472
Fuel tank capacity (with front lift/PTO)	l	75 (55)	75 (55)	75 (55)	75 (55)	75 (55)
XL Fuel tank capacity (with front lift/PTO)	l	100 (80)	100 (80)	100 (80)	100 (80)	100 (80)
AdBlue tank capacity	l	13	13	13	13	13
VRT TRANSMISSION						
Max speed*-Spire S VRT	km/h@rpm	40 @ 1570				
Max speed*-Spire V VRT	km/h@rpm	40 @ 1770				
CruiseSpeed	n°	2 forward + 2 reverse				
PowerZero		■	■	■	■	■
Driving Strategies (Auto/Manual/PTO)		■	■	■	■	■
SenseClutch with 5 adjustment levels		■	■	■	■	■
PTO						
Electrohydraulic engagement		■	■	■	■	■
PTO speeds		540/540ECO/1000				
Groundspeed PTO		□	□	□	□	□
Front PTO 1000		□	□	□	□	□
LIFT						
Electronic rear lift		■	■	■	■	■
Rear lift capacity	Kg	2600	2600	2600	2600	2600
Hydraulic right tie rod and stabilizers		□	□	□	□	□
Front lift (1500 Kg)		□	□	□	□	□
HYDRAULICS						
Closed centre hydraulic system (STD)	l/min	100	100	100	100	100
Rear spool valves (STD/OPT)	n°	3/4/5	3/4/5	3/4/5	3/4/5	3/4/5
Mid-mounted spool valves (OPT)	n°	2/4	2/4	2/4	2/4	2/4
Mid-mounted hydraulic ways- duplicated from rear (OPT)	n° of ways	2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
BRAKES						
4 wheel braking		■	■	■	■	■
Hydraulic Parking Brake (HPB)		■	■	■	■	■
Hydraulic trailer brake		□	□	□	□	□
FRONT AXLE						
Electrohydraulic engagement for 4WD and Diff.Lock		■	■	■	■	■
Auto 4WD		□	□	□	□	□
ASM		□	□	□	□	□
Independent steering pump	l/min	42	42	42	42	42
Steering Double Displacement (SDD)		□	□	□	□	□
INDEPENDENT FRONT AXLE SUSPENSION (OPT)						
Adaptive-Damping, Active Self-Leveling functions		■	■	■	■	■
Anti-Dive, Anti-Roll functions		■	■	■	■	■
Differential Traction Control (DTC)		■	■	■	■	■
CAB						
MaxCom armrest connected to the seat		■	■	■	■	■
InfoCentre ^{Pro}		■	■	■	■	■
Comfortip Headland Management		■	■	■	■	■
Pneumatic suspended seat		■	■	■	■	■
Suspended on Hydro Silent-Block		■	■	■	■	■
Cat.4 filtration system		□	□	□	□	□
4 Gen LED working lights		□	□	□	□	□
Rear cameras		□	□	□	□	□
SDF SMART FARMING SOLUTIONS						
8" iMonitor		□	□	□	□	□
Fully integrated autoguidance		□	□	□	□	□
CTM		□	□	□	□	□
ISOBUS		□	□	□	□	□
DIMENSIONS AND WEIGHTS						
Width (min.-max.)-Spire S VRT	mm	1267-1517	1267-1517	1267-1517	1267-1517	1267-1517
Width (min.-max.)-Spire V VRT	mm	1083-1298	1083-1298	1083-1298	1083-1298	1083-1298
Wheelbase	mm	2086	2216	2086	2216	2216
Maximum height	mm	2520	2520	2520	2520	2520
Total unladen weight-Spire S VRT	Kg	3265-3865	3320-3920	3265-3865	3320-3920	3320-3920
Total unladen weight-Spire V VRT	Kg	3180-3690	3235-3745	3180-3690	3235-3745	3235-3745
Total admissible load	Kg	5000	5000	5000	5000	5000

* engine rpm at max speed varies according to rear tyre size

STD ■ OPT □ Not available -

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Lamborghini Trattori is a brand of  SDF

