

VALTRA S SERIES

290 - 405 HP

VALTRA



**YOUR
WORKING
MACHINE**

YOUR WORKING MACHINE

Your land is your life.
Your farm is your foundation.
Your crop is your career.
Your tractor is the tool of your trade.

That's why it's a Valtra.
Like a craftsman's trusty tools, your Valtra gives you the confidence and the guts to get the job done. Every day. Every time. In every working environment.

At Valtra, we have always chosen the path less walked – because where we come from, that's how the paths are. We don't hesitate to walk the extra mile for you. We do things like this because it's the best way to do them. And because we believe in getting things done.

You don't compromise. Neither do we.

Get the job done.
Get a Valtra.
Your working machine.





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FOR PROFESSIONALS WITH STRONG EXPERIENCE

Valtra is an international brand from Scandinavia. Our Nordic heritage means that Valtra tractors perform the tasks they were designed and bought for – safely and efficiently. This is backed up by Valtra's values: individuality, reliability and functionality.

Valtra's strength has always been our willingness to listen to our customers. According to customer surveys, the three most important criteria for selecting Valtra are reliability, low operating costs and a high return on investment. The fourth generation S Series has been tested in demanding conditions to optimise its technical attributes, ergonomics, serviceability and productivity. We are confident that the new S Series will meet all your demands, both as a farmer and as an investor.

A partner to farmers for over 60 years

Valtra has been building tractors for over 60 years and grown to become one of the most recognised international tractor brands. Valtra now manufactures over 23,000 tractors a year. With our roots in Finland, all Valtra tractors are the products of Scandinavian industrial design and practical technical solutions. We became part of the AGCO family in 2004. As the global leader in agricultural technology, AGCO is proud to invest in Valtra's strong expertise and fine products.

As a Valtra customer, you also benefit from the support of AGCO's global organisation for financing, extended warranties, service contracts, leasing services, training, loyal customer programmes, precision farming technologies, telemetry solutions, and the biggest distribution network of agricultural machinery. Your Valtra S Series tractor comes with services that support the profitability of your business now and in the future.



HAVE YOU CONSIDERED THE PROFITABILITY OF YOUR INVESTMENT? WE HAVE

The fourth generation Valtra S Series is a tractor whose balanced performance helps you get the most out of your new investment – to maximise output and minimise costs. We have designed a reliable machine for you to which you can combine all the services you want. This allows us to ensure the best possible return on your investment.

S Series tractors have everything you need but nothing that is unnecessary. Each detail has been carefully thought out, as profitability is the sum of competitive technology, reliability, operating costs, ergonomics, services and resale value. This makes Valtra the rational choice of investors.

The seeds of success have been sown

The Valtra S Series is a big tractor and a big investment that you can rely on for big results. Its basic features have been designed to handle even the toughest tasks. A powerful engine, stepless transmission and optimal weight distribution ensure efficient performance. The hydraulic output is sufficient for use with heavy-duty implements,

either on the field or in the forest. The large cab offers a spacious work environment, and driving comfort is in a class of its own.

Valtra is the only tractor manufacturer whose basic philosophy includes the ability to work equally well in both directions (Valtra TwinTrac reverse-drive system), which significantly facilitates many tasks.



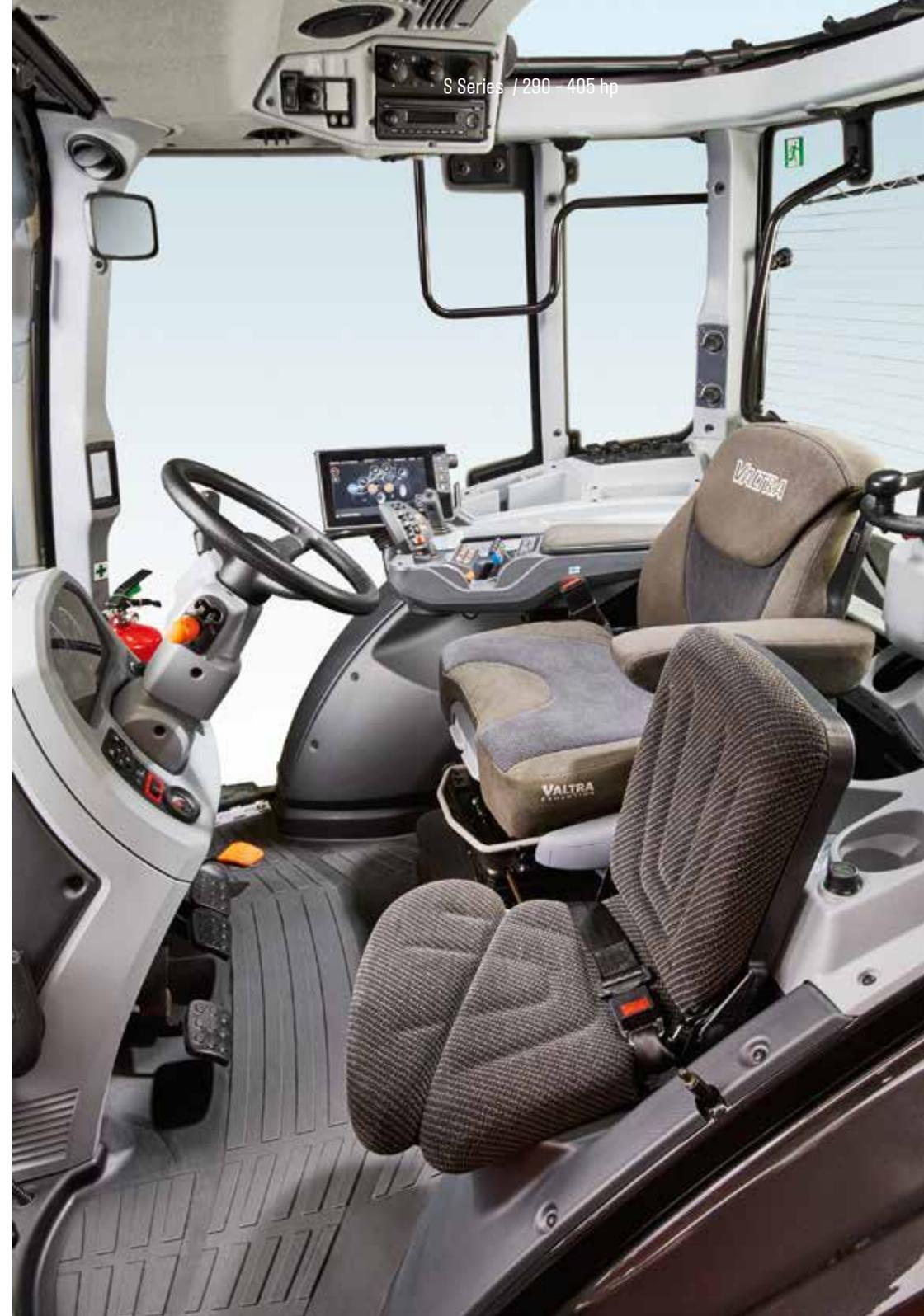
HIGHLIGHTS OF YOUR NEW WORKING MACHINE

The reliability of the S Series is the result of the perfect integration of the carefully considered details. The combination of the perfect engine and transmission with the latest functional design and optimal usability makes the S Series a tractor unlike any other you have tried before.





1. Valtra user interface
2. AGCO Power 8.4l SCR engine (up to 400hp)
3. Work lights, 4+2 in front, 6 at rear
4. TwinTrac
5. Ergonomic cab (69 dBa)
6. Pneumatic cab suspension
7. Diesel tank (630 litres)
8. AdBlue tank (60 litres)
9. Valtra's 4th generation design (improved visibility)
10. New projector headlights (H7)
11. CVT transmission (AVT - AGCO Variable Transmission)
12. Hydraulic front axle suspension
13. Long wheelbase (3105 mm)
14. Integrated front linkage (50 Kn)
15. Autoguide readiness as standard

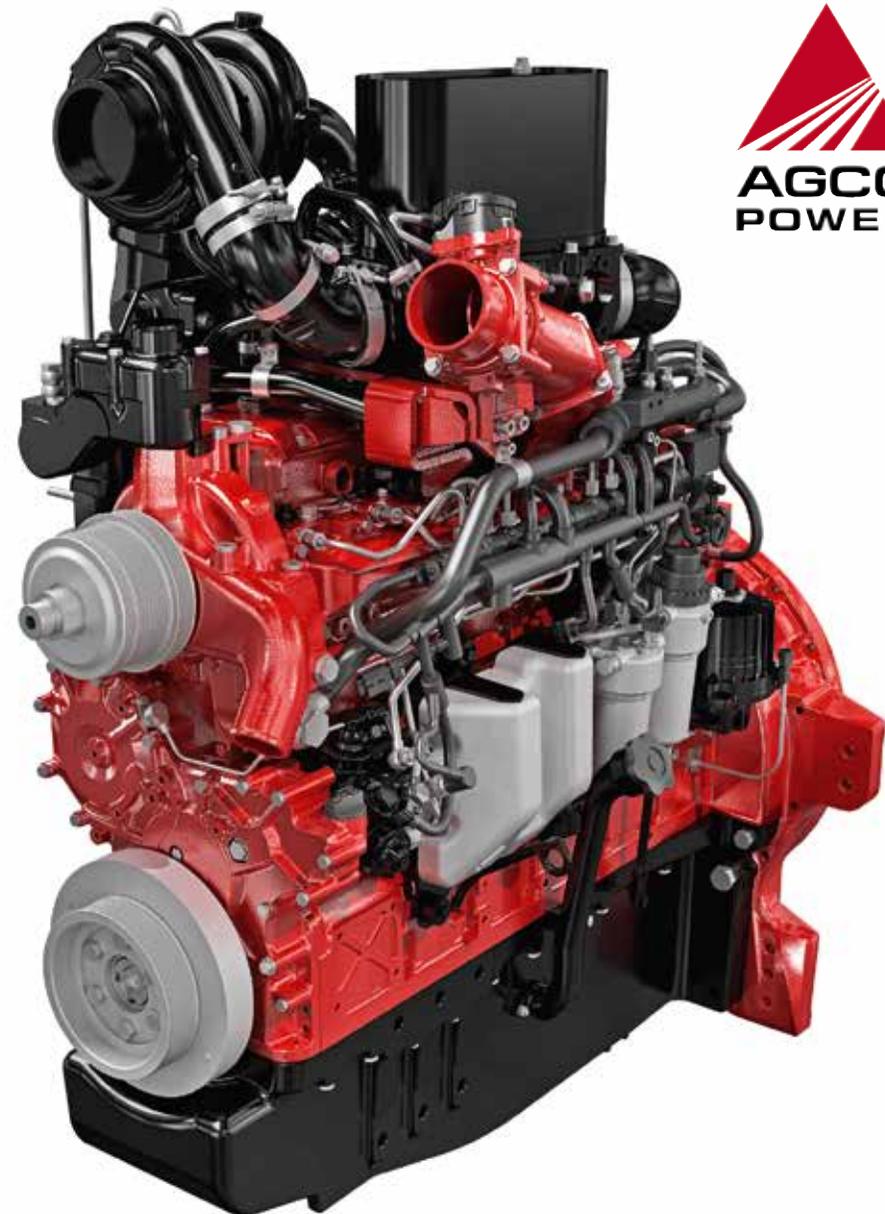


THE BEST ENGINE ON THE MARKET

When you invest in a Valtra S Series, you are also investing in the most reliable and efficient engine technology available on the market. AGCO Power's roots as an engine manufacturer reach back over 60 years. All S Series engines come from the AGCO Power factory in Finland. AGCO Power is the global leader in off-road engines and the factory manufactures over 70 000 engines a year.

The reliable 8.4 AWF AGCO Power engine is the key to the productivity of the S Series. The engine uses the latest AGCO Power technology to comply with the Tier 4 final, stage 4 emissions standard. The same technology also

ensures the reliability of the engine without any increase in operating costs. AGCO Power's SCR technology was introduced with the S Series back in 2008, making it the first tractor in the world to feature this technology.



TWIN TURBO POWER

The new Valtra S Series has two sequential turbochargers for better torque at lower revs and lower exhaust temperatures, which in turn increases durability and reduces maintenance requirements. It also enables even better driving characteristics and lower emissions reliably without the need for expensive technical solutions.

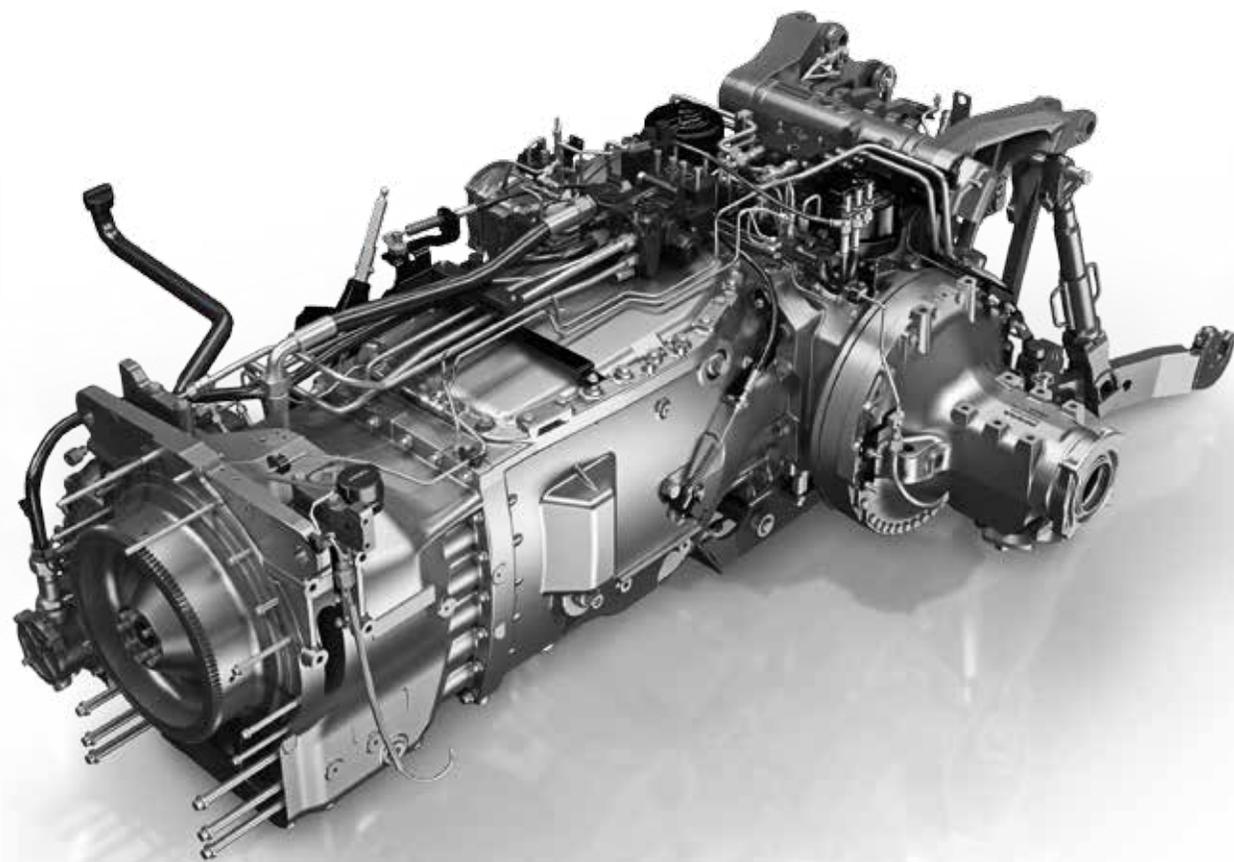


The fuel economy of the S Series has always been competitive relative to the achieved kilowatt hours, for example relative to the number of cubic metres of wood that can be chipped or the number of hectares that can be tilled. The 8.4 AWF AGCO Power engine on the new S Series reduces fuel consumption even further (5%). Exhaust gas recirculation is also employed to reduce the consumption of AdBlue. According to Profi magazine (7/2012), fuel consumption is just 258 g/kWh, which is 13.1% lower than the average of the other tractors tested by the magazine.



THE MOST POPULAR STEPLESS TRANSMISSION ON THE MARKET

The overall efficiency of the Valtra S Series is further enhanced by the stepless AGCO Variable Transmission (AGCO AVT). Manufactured by AGCO in Germany, this transmission has been the European market leader among big tractors for years. Its popularity is based on its versatility and, above all, its fuel efficiency. Especially for contracting work that requires a lot of driving between locations, the AGCO Variable Transmission enables you to drive efficiently at low engine speeds.





An innovation that combines the best

The S Series combines leading innovations by Valtra, AGCO Power and German engineers. The intelligent tractor control system developed by Valtra combines these to create an unbeatable package: power that is efficient, easy to use and reliable.

Optimised transmission

The AGCO Variable Transmission features different work areas for tasks requiring different speeds. Work area A is for all work situations requiring heavy pulling force, while work area B is for general road transport. This enables the pulling power and transmission efficiency to be optimised. For example, when driving at low engine speeds, the fuel savings are considerable.

Up to 10% more power

Valtra's innovative SigmaPower is now available on the S Series. Whenever extra power is required by the PTO or hydraulics, the engine's electronic management system boosts output by as much as 10% - up to 400 horsepower on the biggest S Series models. Power boost is also available when driving at speeds of over 20 km/h.

SmartTouch ARMREST

An unbeatable touch of Finnish design and engineering. More intuitive than your smartphone. Settings are easily accessible within only two taps or swipes.



Easy to navigate menu structure.



Logical to set up settings with swipe gestures. All settings are automatically stored in memory.



Intuitive way to set up settings with large controls and easy to understand functions.



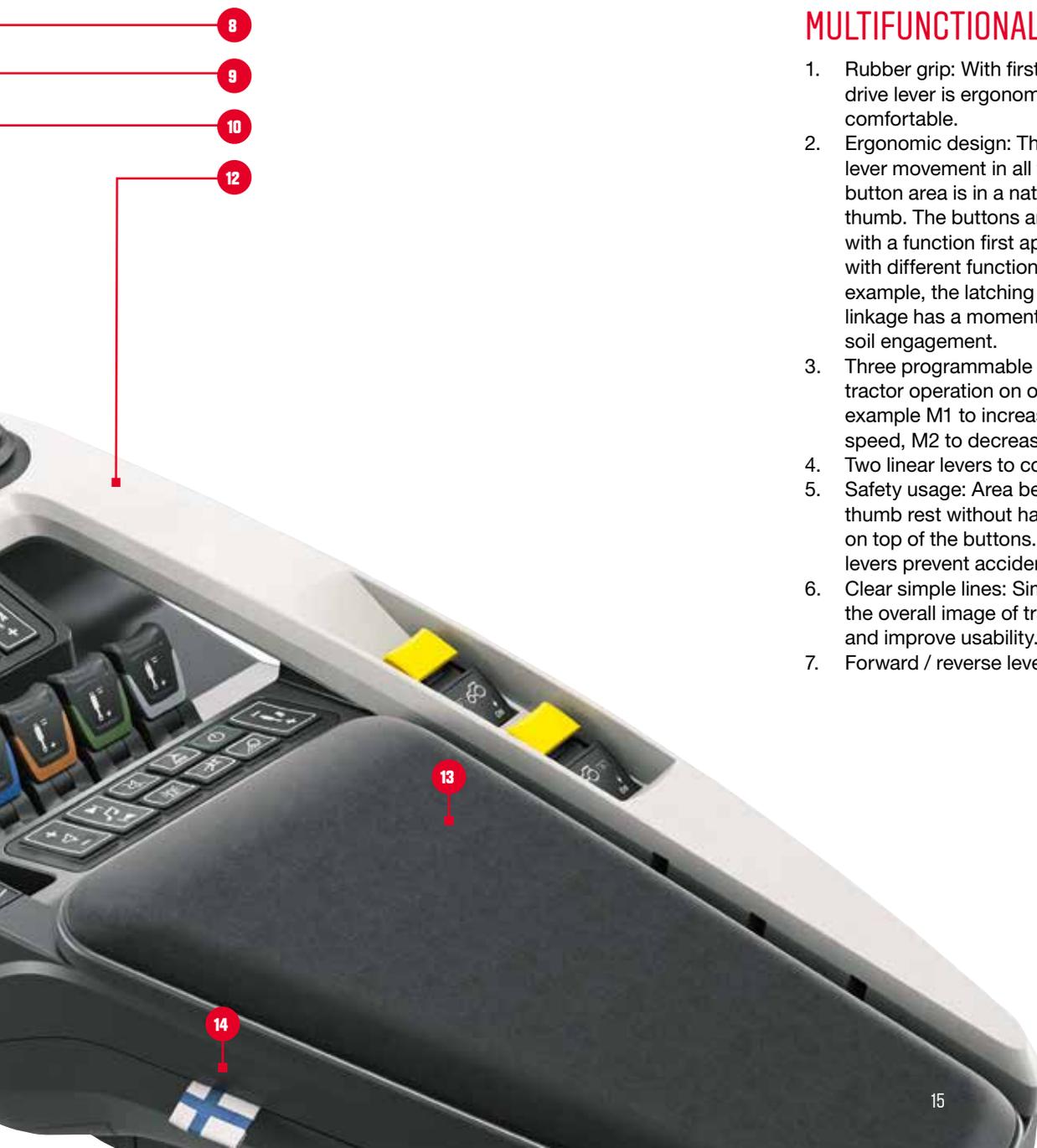
From any control you can control any hydraulic service including hydraulic valves (front and rear), linkages (front and rear) or front loader



Easy configuration of worklights from the terminal. Worklights on/off switch in the armrest with beacon on/off switch.



Profiles for operators and implements which can be easily changed from any screen menu. All the setting changes will be saved in the selected profile



MULTIFUNCTIONAL LEVER

1. Rubber grip: With first-class materials the drive lever is ergonomic, easy to use and comfortable.
2. Ergonomic design: The design allows for easy lever movement in all four directions. The button area is in a natural position for your thumb. The buttons and switches are designed with a function first approach, therefore buttons with different functions look different. For example, the latching rocker switch for the rear linkage has a momentary down function for fast soil engagement.
3. Three programmable memory buttons for any tractor operation on operations (U-pilot). For example M1 to increase Driving speed or cruise speed, M2 to decrease it.
4. Two linear levers to control hydraulics.
5. Safety usage: Area between buttons lets your thumb rest without having to keep your fingers on top of the buttons. Humps around linear levers prevent accidental use.
6. Clear simple lines: Simple and clear lines add to the overall image of tranquillity and sturdiness, and improve usability.
7. Forward / reverse lever at the drive lever.

SCREEN

8. No additional screens needed – Auto-Guide and safety camera displays are integrated into the SmartTouch screen. No need for additional monitors that block your visibility.

JOYSTICK

9. Ergonomically positioned hydraulic joystick now includes 3rd control for hydraulics on top.

BUTTON & REAR LINKAGE AREA

10. Buttons: Concave and convex shape helps you find frequently used buttons easily and quickly.
11. Rear linkage - The easy-to-use limiter enables even the smallest adjustments of the rear linkage.

DESIGN

12. The functional structure of the armrest provides a good grip on rough terrain. All functions are easy to access due to the logical layout and the armrest gives good support to your hand reducing tension and stress. Location of PTO switches minimizes unintentional usage.
13. Upholstery: Alcantara upholstery for less sweating. Storage space under the cover.
14. Designed in Finland

WORK FASTER AND IN MORE COMFORT

The fourth generation cab on the Valtra S Series combines the best Nordic design with optimal usability. Studies prove that good ergonomics improve work performance, especially when using the Valtra TwinTrac reverse-drive system.

The cab features four-point pneumatic suspension, Valtra AutoComfort, that utilises the latest technology. Sensors relay information to the control system, which makes sure that the cab is always in the right position. AutoComfort also allows you to adjust the suspension according to your personal preference.

The S Series is designed for working 24/7, so air conditioning comes as standard. Even the driver's seat is ventilated. Working in the S Series is comfortable in all seasons of the year. Other standard equipment includes six working lights at the front and rear, and xenon lights are available as an option.



Valtra's patented TwinTrac reverse-drive system makes your work even more efficient, especially when working with mowers and other heavy-duty implements. S Series tractors have been designed from the outset to work effectively in both directions. Studies have shown that working in reverse with Valtra tractors is even more efficient than working in the forward direction in certain applications due to the superior visibility. The optimal ergonomics make it easier to

work longer hours, which further improves productivity.

Reverse-driving in one easy movement

Switching to the reverse-driving position is fast and easy. An adjustable steering column is located at the rear of the cab along with an accelerator pedal, brake pedal and "clutch" pedal. All the other controls are located on the Valtra ARM driver's armrest, which rotates 180 degrees together with the driver's seat.

IT DOESN'T START WITH TECHNOLOGY. IT STARTS WITH YOU.

The new S Series makes it easy to utilise Valtra's latest technological solutions in order to further improve the productivity and profitability of your farming or contracting operations. Valtra is actively developing precision farming technologies as part of its FUSE strategy. One example of the user-based design of these technologies is that FUSE is an open system that can be used together with the machinery, products and applications of other manufacturers. This allows you to manage data from all the machinery and equipment on your farm so that the entire production chain is part of the same system. FUSE also makes the S Series compatible with future technologies.



ONE SYSTEM FOR YOUR ENTIRE FARM AND ALL YOUR MACHINERY

AGCOMMAND

Your tractor should be ready for use whenever needed. Electronic diagnostic tools combined with our dealer expertise ensure that downtime is minimised by means of advance planning. AgCommand™ telemetry allows you to monitor your tractor and the tasks it is performing at any time. Predictive maintenance, fault reports and work performance reports can also be managed with AgCommand. This allows you to influence directly the performance of your drivers and tractors.

AUTO-GUIDE 3000

Auto-Guide 3000™ is Valtra's automatic steering system that is already used on thousands of tractors. The advanced system helps save time, fuel and material while reducing variations in performance among drivers.

All S Series tractors are compatible with AgCommand and Auto-Guide 3000, and both can be fitted at the factory ready for use on delivery to the farm.



The AgCommand telemetry system is a key part of Valtra's FUSE strategy. Key data about all the machinery on your farm, including engine data, location and operating hours, can be accessed almost in real time from your computer or smart phone. This makes it easier to plan the logistics of large farms and to monitor work performance. In addition, detailed service information can be sent to your local dealer, who can then anticipate servicing needs and reserve time to ensure the optimal performance of your machinery.

AT YOUR SERVICE, AROUND THE WORLD AND NEAR YOUR FARM

It is extremely important for us at Valtra that your tractor remains reliable and in good working condition year after year. In addition, as part of the world's largest agricultural machinery manufacturer AGCO, we can offer services that help you manage the entire production chain and maximise the output and results of your work.



YOUR VALTRA DEALER

Each Valtra dealer represents the best tractor and implement expertise in the world. They understand both the technical aspects of your tractor and the challenges you encounter in your everyday work. You can always turn to your dealer and receive the best service, whether you are interested in additional services or equipment, maintenance, spare parts, selling your tractor or ordering a new one. Each Valtra dealer is an independent entrepreneur just like you who works continuously to develop both his own operations and those of his customers. AGCO audits its dealers each year to ensure that you get the best possible service.

FLEXIBLE FINANCING SOLUTIONS

AGCO Finance is a fast and safe option for financing the purchase of your next tractor. Financing is tailored individually based on your cash flow and operations. We offer

flexible payment methods according to your needs, and we take seasonal variations into consideration when planning payment schedules.

VALTRA PREMIUMCARE

Valtra PremiumCare allows you to anticipate flexibly the maintenance costs of your investment so that you can better manage your running costs. Regular maintenance and a full service history help maximise the resale value of your tractor. Valtra PremiumCare also lets you minimise the lifecycle costs of your tractor. In addition, Valtra PremiumCare can include up to a five-year or 6000-hour extended factory warranty. The Valtra dealer service calculator will allow you to standardise your maintenance costs all the way up to 10,000 operating hours. Valtra PremiumCare is available with all Valtra models.



SPARE PARTS EVEN ON THE NEXT DAY

Valtra's comprehensive spare parts service supplies the parts you need as fast as by the next morning. This helps you keep your tractor productive in the midst of the busy ploughing and harvesting seasons. The AGCO Parts label ensures that you are getting original Valtra spare parts that have been thoroughly inspected and tested.

PROFESSIONAL MAINTENANCE SERVICES

As a Valtra owner you have access to the Valtra service network. Our skilled technicians are experts in all Valtra tractor models, including the newest technologies and the latest features. Even if you do not opt for Valtra PremiumCare, having your tractor serviced regularly by Valtra-approved technicians ensures that your tractor will continue to perform well even during the busiest seasons. In addition, the resale value of your tractor will remain high.

MY VALTRA

When you purchase a Valtra S Series tractor, you become part of a global online community that we call My Valtra. Here you can ask for advice, share working life, send photos and videos, and relate your experiences among other Valtra owners in over 50 countries around the world. www.myvaltra.com

VALTRA TEAM

Valtra Team is our customer magazine which is published twice a year. Each issue contains useful information about the latest innovations, including the newest and most efficient work methods. You can also access the magazine's archives on the internet and read the articles that interest you most dating back to 2000.





AGCO ACADEMY

Tractors and related technologies, especially precision farming technologies, are developing at a rapid pace. The Valtra Academy continuously trains Valtra dealers and service technicians. In this way you can be sure that you always receive first-class and up-to-date expertise from your Valtra dealer and service technicians.

VALTRA COLLECTION

The Valtra Collection offers high-quality clothing and accessories for work and leisure. The materials and details are carefully selected according to the type of clothing. For example, the newest collection of work clothes features light yet extremely durable materials. Style has not been overlooked, as the clothing reflects Valtra's modern design language.



AGCO - LEADING THE WAY - FEARLESSLY

We are one of the world's most influential producers of farm machinery – a leader in product development, a leader in technology and a leader in customer service.

AGCO is the world's largest manufacturer focused purely on agriculture. Our high-tech solutions and vast experience of global agriculture mean AGCO is uniquely placed to increase your farm's productivity.

AGCO meets individual farming needs. From the most demanding challenges to everyday tasks, our multiple brands and customer-focused services enable us to give you exactly what you need, when you need it.

AGCO's global presence ensures that professional farmers worldwide have the tools they need to maximise their crop yield and meet growing demands.

TECHNICAL SPECIFICATIONS



TRACTOR MODEL	S274	S294	S324	S354	S374	S394
ENGINE						
Max. hp @ 2000 rpm, hp (kW)	270 (199)	295 (217)	320 (236)	350 (258)	370 (272)	400 (294)
Max. hp @ 2000 rpm, with boost, hp	290	325	350	380	400	405 (298)
Max. torque @ 1500 rpm, Nm	1220	1300	1390	1530	1540	1540
Max. torque @ 1500 rpm, with boost, Nm	1300	1390	1500	1590	1600	1600
Emission control	Tier 4f/Stage 4	Tier 4f/Stage 4	Tier 4f/Stage 4	Tier 4f/Stage 4	Tier 4f/Stage 4	Tier 4f/Stage 4
AGCO POWER engine	84 AWF	84 AWF	84 AWF	84 AWF	84 AWF	84 AWF
Volume, litres / Number of cylinders	8.4 / 6	8.4 / 6	8.4 / 6	8.4 / 6	8.4 / 6	8.4 / 6
TRANSMISSION						
Work area A (Field)	0.03-28 km/h forward, 0.03-16 km/h reverse					
Work area B (Transport)	0.03-50 km/h forward, 0.03-38 km/h reverse					
Operation modes	Automatic and manual					
POWER TAKE-OFF (REAR)						
	2 Speeds, 540E +1000 or 1000E + 1000					
1000 rpm @ engine rpm	2030	2030	2030	2030	2030	2030
540E or 1000E rpm @ engine rpm	1600	1600	1600	1600	1600	1600
Exchangeable PTO shaft	YES	YES	YES	YES	YES	YES
FRONT LINKAGE						
	Integrated, Standard equipment					
Lift capacity, kg	5000	5000	5000	5000	5000	5000
Front PTO	Option	Option	Option	Option	Option	Option
REAR LINKAGE						
	Autocontrol, Drive balance control and slip control					
Lift capacity, kg	12000	12000	12000	12000	12000	12000
Lower links	Cat 3 or 4					
HYDRAULICS						
	Closed centre load sensing (CCLS)					
Max. pump output, l /min	205	205	205	205	205	205
Hydraulic oil	Separate, max. 51 litres available for implements					
Work hydraulics, front	Up to 2 electronic spool valves, Joystick controls					
Work hydraulics, rear	4 or 6 electronic spool valves, 4 fingertip and 2 joystick controls					
Hydraulic couplers, rear	"Decompression" couplers with connect/disconnect under pressure function					
Steering	Hydrostatic, tilt/telescopic steering column					
QuickSteer	standard	standard	standard	standard	standard	standard

TECHNICAL SPECIFICATIONS



TRACTOR MODEL	S274	S294	S324	S354	S374	S394
BRAKES	Oil cooled, multi-plate discs, hydraulic actuation with power assistance					
Parking brake	Integrated with shuttle lever, hydraulic					
4WD FRONT AXLE						
Type	STD	STD	HD	HD	HD	HD
Max steering angle	55°					
Suspension	Hydropneumatic					
CAPACITIES						
Fuel tank, litre	630	630	630	630	630	630
AdBlue tank, litre	60	60	60	60	60	60
DIMENSIONS (TYRES FRONT, REAR)	600/70R28, 650/85R38	600/70R28, 650/85R38	620/65R34 710/75R42	620/65R34 710/75R42	620/65R34 710/75R42	620/65R34 710/75R42
Weight at no load (with full tank, without additional weights), kg	10300 (12000)	10300 (12000)	10300 (12000)	10300 (12000)	10300 (12000)	10300 (12000)
Wheebase, mm	3105	3105	3105	3105	3105	3105
Length, mm	4868	4868	4868	4868	4868	4868
Height to roof mm with 710/85R38 tyres	3382	3382	3382	3382	3382	3382
Minimum external width, mm	2550	2550	2550	2550	2550	2550
Ground clearance, mm	472	472	472	472	472	472
Turning radius with brakes / without brakes, m	7.4/8.4	7.4/8.4	7.4/8.4	7.4/8.4	7.4/8.4	7.4/8.4
CAB						
Suspension	4-post with 4 -point pneumatic suspension (AutoComfort)					
Standard equipment	De-luxe "flat floor" cab, opening rear window, air conditioning, four speed fan with heater unit, adjustable steering column, Valtra Evolution seat (automatic steering), ISOBUS ready, Auto-Guide ready, AgCommad ready (telemetry fleet management and diagnostics), 6 working lights at rear and 4+2 in front, Valtra ARM with terminal.					
Optional equipments	TwinTrac reverse-drive system, automatic air conditioning, Xenon work lights, foot heater, ISOBUS terminal, Auto-Guide 3000					



VALTRA



Valtra® is a worldwide brand of AGCO.

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**YOUR
WORKING
MACHINE**

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