



# S SERIES

310-425 HP



**VALTRA**

**YOUR WORKING MACHINE**

# THINK BIG. THINK SMART.

At Valtra, we're designing and delivering the future of farming. For over 70 years, Valtra has been working with farmers to develop reliable tractors and cutting-edge technology with Finnish design and build quality. Our mission is to understand and anticipate your needs. Power, efficiency, durability, and low cost of ownership come together to provide you with the best tractor experience possible.

## INTRODUCING THE BOSS

Valtra's flagship 6th generation S Series is designed and made in Finland. 'The Boss' is our most powerful tractor, designed for advanced tractor operators who appreciate craftsmanship and demand responsive torque, efficiency, reliability, and low total cost of ownership. The new S Series comes with all the smart farming features expert farmers expect for enhanced autonomy and increased profitability.

The S Series is made in Valtra's brand home of Suolahti - one of the most sustainable tractor factories in the world. 100% of the factory's electricity is generated renewably, and all of our extensive quality testing is carried out using renewable diesel. All 6th generation S Series models are now available with Valtra Unlimited options to improve profitability, productivity, and prestige.

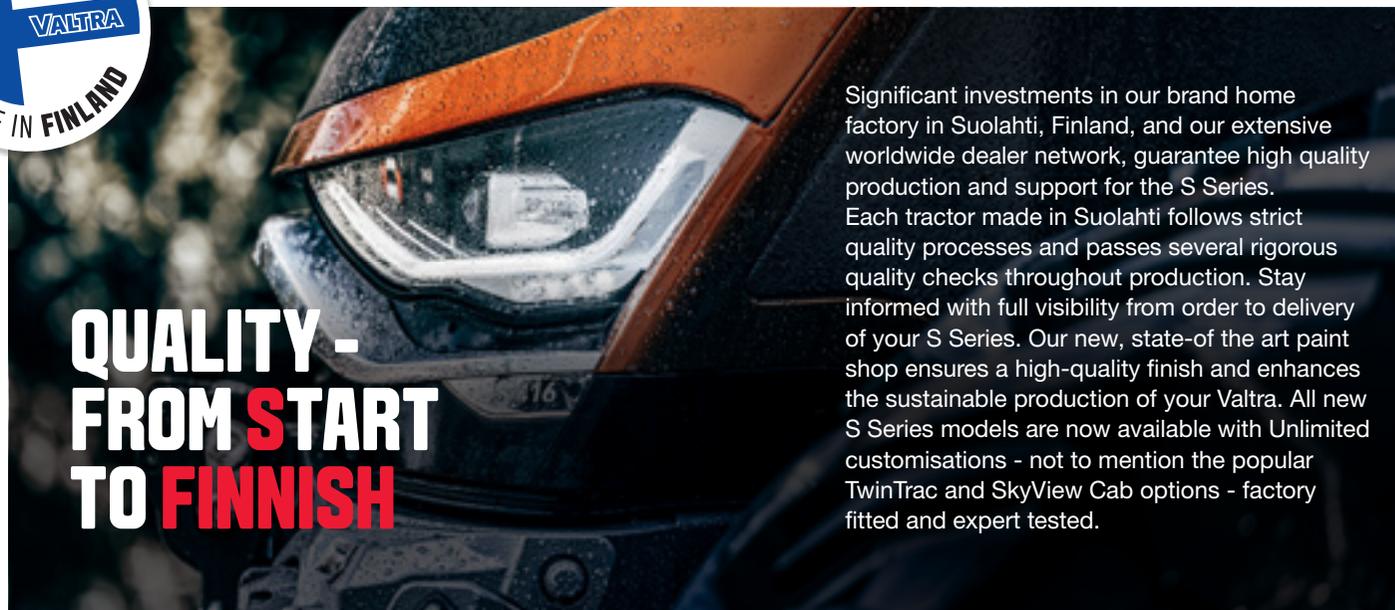
We believe the S Series is not only the best-looking tractor on the market but also the most practical in its class. The aggressively sloping bonnet gives the S Series a sleek modern look while also significantly improving front visibility and affording the S the best manoeuvrability of any high horsepower tractor. From the smooth lines of the sloping bonnet, to the beautifully sculpted rear of the working

machine, the S Series' design exudes determination and strong character - the hallmarks of any good Boss.

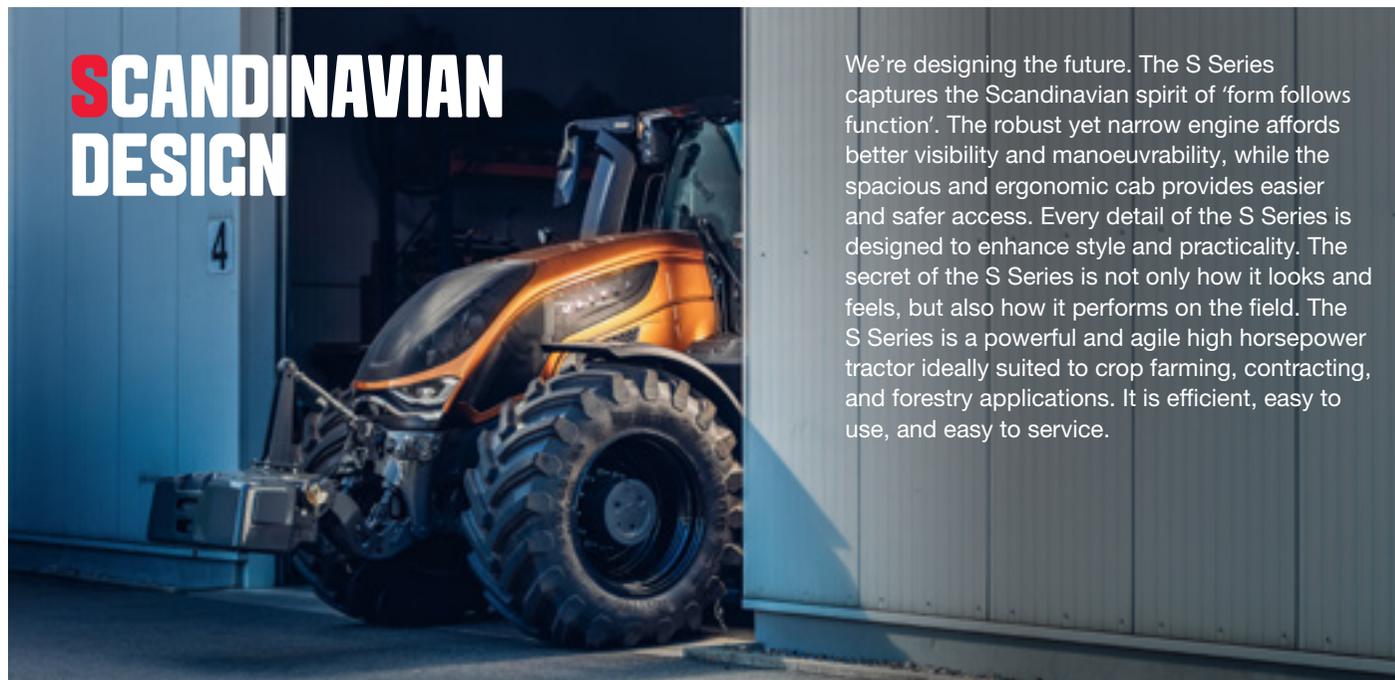


## CONTENTS

- 2 Introducing the Boss
- 3 Quality from Start to Finnish
- 4 The Boss
- 6 Bigger. Better. Faster. Stronger.
- 8 A trusted transmission
- 10 Hydraulics built for big implements
- 12 Work late. Work light.
- 14 Comfort, control, and better soil condition
- 16 Business-class comfort
- 18 Smart and simple
- 20 Technology at your fingertips
- 22 Smart working
- 24 Committed to quality of service
- 26 Unlimited possibilities
- 28 Easy daily service
- 30 Specifications



Significant investments in our brand home factory in Suolahti, Finland, and our extensive worldwide dealer network, guarantee high quality production and support for the S Series. Each tractor made in Suolahti follows strict quality processes and passes several rigorous quality checks throughout production. Stay informed with full visibility from order to delivery of your S Series. Our new, state-of the art paint shop ensures a high-quality finish and enhances the sustainable production of your Valtra. All new S Series models are now available with Unlimited customisations - not to mention the popular TwinTrac and SkyView Cab options - factory fitted and expert tested.



We're designing the future. The S Series captures the Scandinavian spirit of 'form follows function'. The robust yet narrow engine affords better visibility and manoeuvrability, while the spacious and ergonomic cab provides easier and safer access. Every detail of the S Series is designed to enhance style and practicality. The secret of the S Series is not only how it looks and feels, but also how it performs on the field. The S Series is a powerful and agile high horsepower tractor ideally suited to crop farming, contracting, and forestry applications. It is efficient, easy to use, and easy to service.

# THE BOSS

Think big. Think smart. With the sixth generation Valtra S Series, no task is too big, no detail too small. The S pushes, lifts, and pulls through the toughest workdays with ease and does it with precision and intelligence. This is power and performance that reaps rewards.



## 2. FUTURE-PROOFED FROM FINLAND

Made in Finland  
Scandinavian design  
Unlimited options

The 6th generation S Series is designed and built in Finland. Thanks to significant investments both in our Suolahti factory and our dealer network you get a high-quality machine and superior service – 365 days a year. The S Series fits seamlessly into your fleet, with an ergonomic futuristic design, Valtra's well known comfort, and unbeatable Valtra Unlimited options.

PAGE 2 PAGE 23

## 1. SUPER-SIZED SUCCESS

New 8.4l engine  
CVT transmission  
5% lower revs

The new 6th generation Valtra S Series is our biggest and best tractor. It's efficient 8.4 l AGCO Power engine and market-leading driveline deliver huge torque even at low revs. It's efficiency, driver-oriented controls, and smart farming technology offer super-sized savings for advanced operators and farmers, and guarantee a low total cost of ownership.



PAGE 6

## 3. XL SMART FARMING CAPABILITIES

Easiest and fastest guidance  
Precision farming

Smart farm like a Boss! The S Series is fully loaded with smart farming technology for XL yields with exactly the right inputs. The features include SmartTurn automatic headland turning to further automate field operations. All functions are controlled via SmartTouch - the easiest and most intuitive tractor user interface on the market.



PAGE 22

#### 4. UNLIMITED POSSIBILITIES

Available for all S Series models  
 Apple CarPlay  
 Android Auto

Profit, prestige, and productivity with Valtra Unlimited - now available for all S Series models. Think big. Think smarter with Valtra Unlimited smart solutions - an all-new range of tested and factory-fitted technology and tools to help you work smarter and safer.

PAGE 28

#### 7. 24/7 COMFORT. 365 DAY AND NIGHT VISIBILITY

Pneumatic and mechanical cab suspension  
 LED driving lights  
 6.5m<sup>2</sup> glass

The S Series is enjoyable to drive, easy to operate, and a pleasure to work with. The spacious and ergonomic cab has the best day and night visibility and best climate control in its class. Suspension options for the front axle, cab, and seat, ensure all-day business-class comfort. Valtra Unlimited takes visibility, comfort, and safety to the next level. Work like a Boss, efficiently and safely, 24/7 - in the field and on the road.

PAGE 12 PAGE 16

#### 9. WORK WHICHEVER WAY YOU WANT

Factory-fitted reverse driving

With the innovative, factory-fitted, TwinTrac reverse drive system, you can take full advantage of the S Series' excellent rear visibility, heavy lift capabilities, powerful hydraulics, and heavy-duty PTO by operating the S Series in reverse. TwinTrac saves time, saves fuel, and saves your back!

PAGE 10

#### 5. LARGE YIELDS. LOW IMPACT.

12000kg base weight  
 18-ton max gross weight (40kph)  
 3093mm wheelbase.

The S Series is a feather-weight champion with a heavy-weight punch - a compact high horsepower tractor with the best manoeuvrability in its class. The S Series' low own weight protects your soil, but additional weights mean the S can get heavy when needed. The market-leading long wheelbase and low centre of gravity eliminate power hopping.

PAGE 10



#### 6. WORK LIKE A BOSS

5% more power. 9% more torque.

The S Series is a true high horsepower workhorse with the power and torque you want, and the reasonable fuel consumption and low total cost of ownership you need. The S series will lift the heaviest implements and pull the biggest loads like a Boss. The driveline always responds with power and precision.

PAGE 6

#### 8. LOW COST FOR YOU AND THE ENVIRONMENT

Most efficient driveline.  
 Easy to use.  
 Sustainably produced.

The S Series has a low total cost of ownership thanks to Valtra Connect, Care & Go and flexible financing options through AGCO Finance. With Valtra Coach, improve your performance and lower your fuel use. The S Series is built in our Suolahti factory which runs 100% on renewable energy, and all testing and first fills are with Neste My renewable diesel. Valtra's easy-to-use Smart Farming technology and new Smart Unlimited options make the S Series one of the most sustainable tractors in the industry.

PAGE 22

#### 10. 101% UPTIME AND COMPLETE CONTROL

Certified Dealers  
 Connect, Care & Go

Like any Boss, your S Series wants the best for your business. Your high-quality high horsepower machine deserves a high-quality service to keep you up and running 100% of the time. Certified S Series dealers have the knowledge, expertise, parts availability, and finance options to ensure your S Series is always working at its best.

PAGE 24

# BIGGER BETTER FASTER **S**TRONGER

Valtra's biggest just got better. The S Series has the power to work with any implement efficiently and effectively, with 5% greater power output and 9% greater torque. The strong, reliable 8.4l AGCO Power engine delivers incredible torque at low revs.



## PURE POWER

**8.4l** displacement  
**1750 Nm** @ 1500 rpm  
**5 to 7%** lower revs  
**7 to 15%** lower fuel consumption

Get the most out of every drop of fuel. The S Series has a powerful 8.4 l AGCO Power engine that generates huge torque at low revs. Valtra's

famous ECO Power concept has been applied to the entire S Series range, saving you 7 to 15 % fuel. The long-stroke engine reaches peak torque of 1750 Nm. With the S Series you get off to a smooth and powerful start and torque remains consistent throughout the entire rev range, thanks to the powerful long stroke engine.

## RUN COOL AND SAVE FUEL

Cleaner running  
No exhaust recirculation

Your S Series' engine runs cool and clean thanks to its innovative design. Thanks to the newly designed air intake, exhaust gas cooling and recirculation is no longer needed. This ensures your engine stays cleaner and improves its cooling capacity.

## WORK MORE. SERVICE LESS.

Hydraulic engine valve Lash Adjustment  
Cost-effective

Servicing your Valtra S Series engine with your trusted service provider is easy and cost-effective. Innovations such as AGCO Power's simple wetliners and the hydraulic lash adjustment save time in servicing - keeping costs low and maximising uptime. Read more about the S Series easy daily service on page 26.

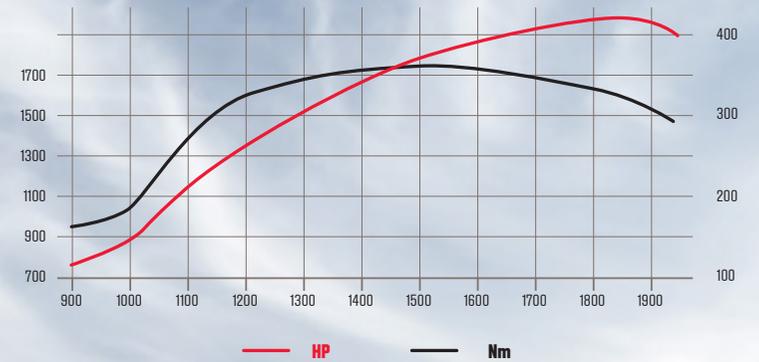
## INTELLIGENT BOOST

Boost functions for hydraulic/  
PTO work and for transport



TORQUE IN NM, S396 AND S416

POWER (HP)



The S Series employs an intelligent boost system to ensure you always have the power you need when you need it. For combined work with intensive use of PTO and/or hydraulics, the boost function is activated when 30 kW of power is requested via PTO or hydraulics. When you need highest performance on the road the boost is there always when ground speed exceeds 18 km/h. For the highest horsepower S416, full power is available for field speeds and as well as for PTO use when the tractor is at a standstill.



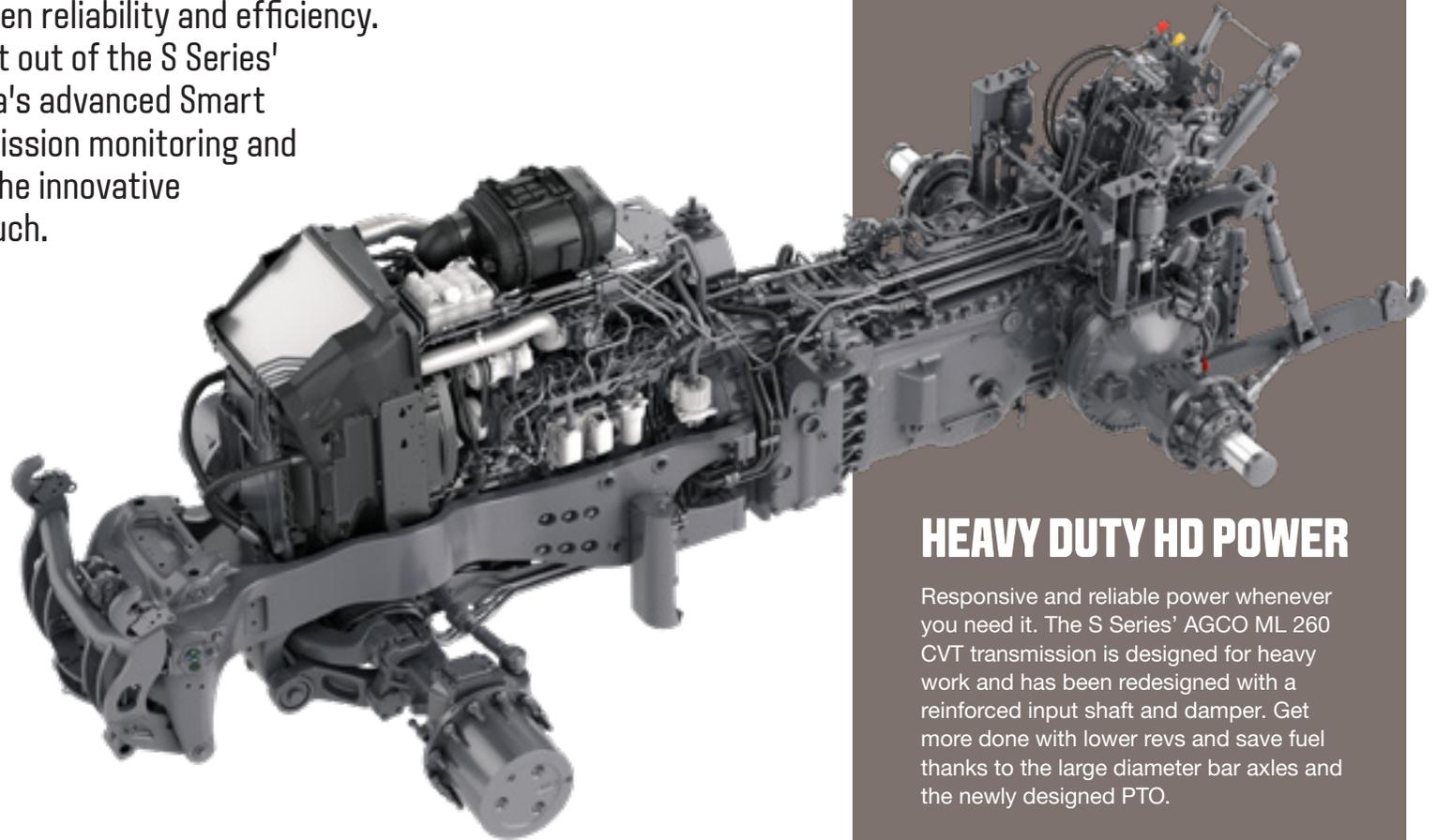
# A TRUSTED TRANSMISSION

The AGCO ML 260 HD Continuously Variable Transmission (CVT) is the best on the market! It has proven reliability and efficiency. You are guaranteed to get the most out of the S Series' power simply and easily with Valtra's advanced Smart Transmission Management. Transmission monitoring and operation is made easy thanks to the innovative A-Pillar display and Valtra SmartTouch.

## TESTED. TRUSTED.

2000 hour oil change interval  
Separate transmission and hydraulic oils

More than one quarter of a million AGCO ML 260 CVT transmissions have been built and are currently being used in tractors world-wide. With a 2000 hour oil change interval and separate transmission and hydraulic oils you can be assured your S Series will work consistently, smoothly, and with maximum uptime.



## READY. SET. GO.

Droop control

The S Series is always ready to go. When asked, it responds quickly. With droop control the operator can change the behaviour of the tractor for even more economic or intensive operating to save either fuel or time, depending on your cost-saving preferences.

## HEAVY DUTY HD POWER

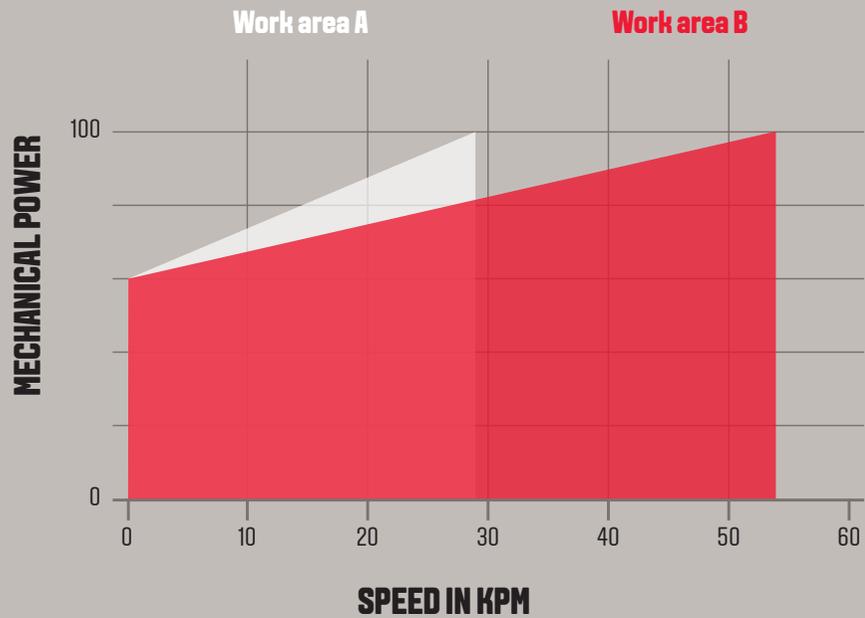
Responsive and reliable power whenever you need it. The S Series' AGCO ML 260 CVT transmission is designed for heavy work and has been redesigned with a reinforced input shaft and damper. Get more done with lower revs and save fuel thanks to the large diameter bar axles and the newly designed PTO.

## TWO WORK AREAS. TWO WAYS OF WORKING.

ECOPower principle for fuel efficiency  
Max speed 43 km/h @1650 rpm

Smooth, efficient power right from the start. The S Series CVT transmission has two work areas - A and B. Both start from 0 kph. Area A is made for fieldwork and heavy pulling tasks while Area B is ideal for road driving.

Automatic mode offers unparalleled ease of use. In automatic mode, the S Series' electronic transmission management automatically selects the lowest possible engine revs to maintain the lowest fuel consumption. The driver simply sets the speed using the drive pedal, drive lever, or cruise control, whichever best suits the driver or task.



# HYDRAULICS BUILT FOR BIG IMPLEMENTS

Work with demanding implements smoothly and efficiently with the S Series' dual pump hydraulics. Choose one of the two high flow systems for working with the most demanding implements. Lift any load with up to 12t of lift force at the rear and 5.8t at the front.

## SUSTAINABLE. RELIABLE.

12 000 kg lift force  
200 ECO or 200 + 200

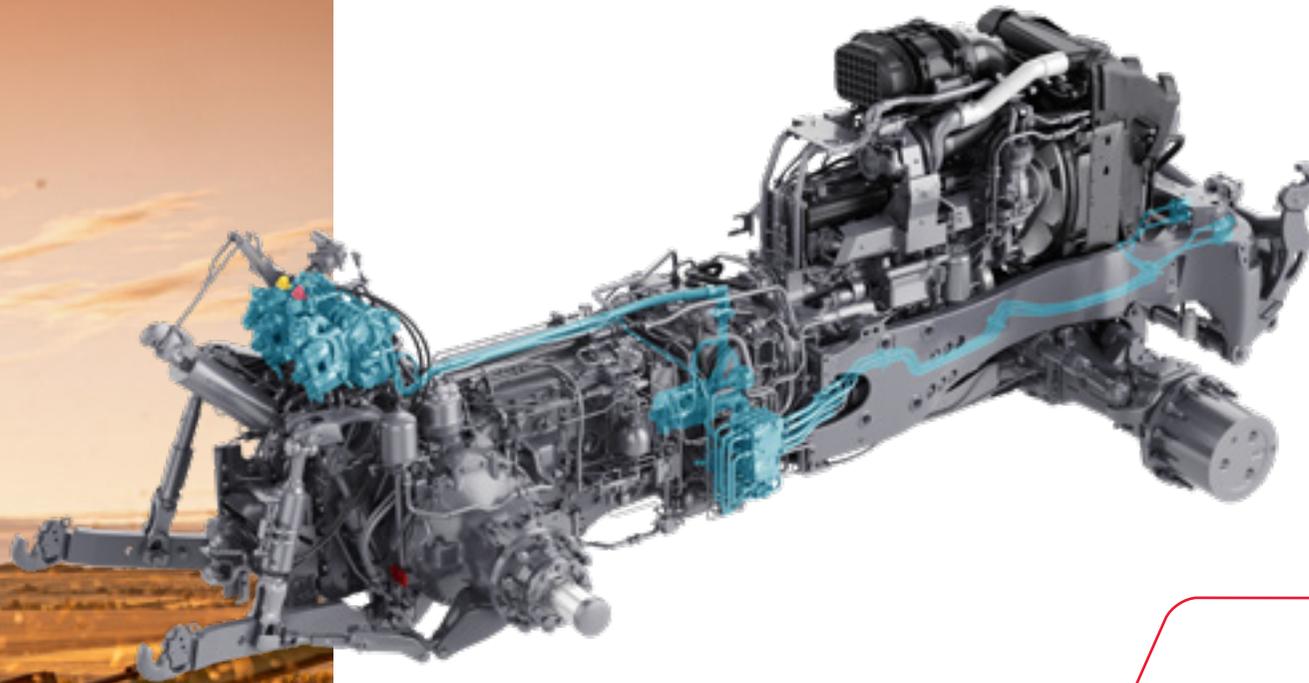
Power and efficiency combined in the S Series' superior hydraulics. The S Series offers versatility with two high output hydraulic pump capacities to select from, the 200 l/min ECO option and the 200 l/min + 200 l/min option. Both options employ two pumps for working with high oil volume

at low engine speeds, ensuring you have the power you need while maintaining fuel efficiency. With the ECO option, the 200 l/min output is achieved at engine revs of 1650 r/min, instead of the full 1950 r/min. The second pump unit is a gear pump which can be switched ON or OFF

according to the work. The 200 + 200 option has two autonomous axial piston pumps, both supplying its own circuit with more than 200 l/min. Pump one takes care of service valves 1 to 3. Valve 3 is a high flow valve with a flow rate of 170 l/min. Pump two feeds the valves 4 to 6

and power beyond. This guarantees high operational reliability when working with implements that have extremely large oil requirements.





## NO MIXING

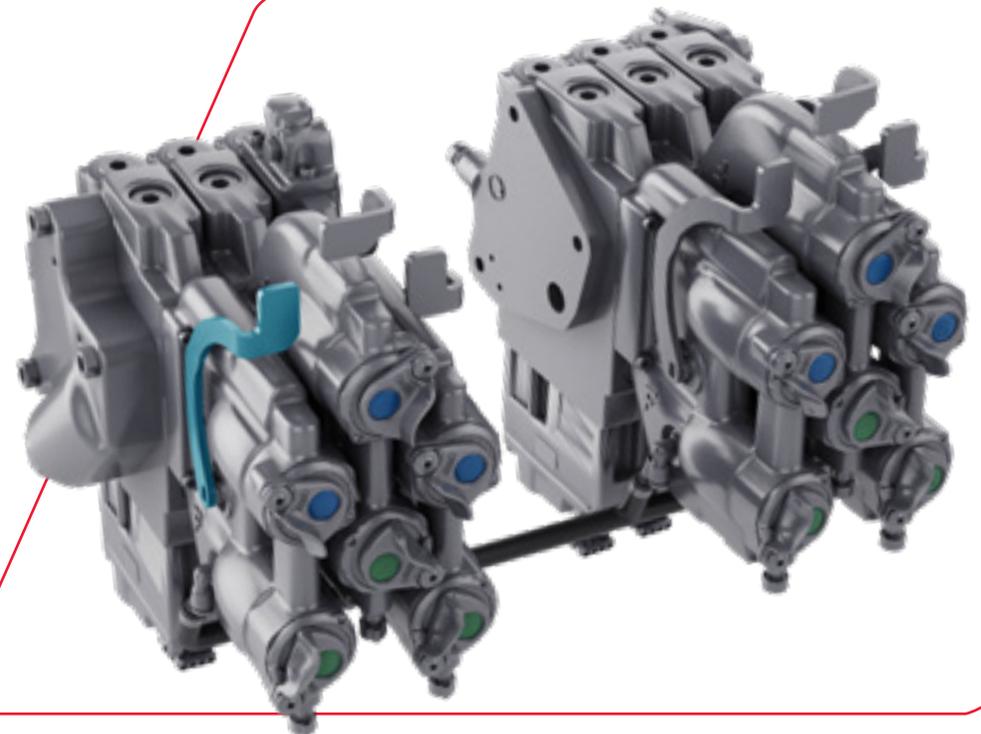
Separate transmission and hydraulic oils

Keep your transmission clean and save on servicing. The S Series has separate transmission and hydraulic oils, so you never need to worry about dirt finding its way into your transmission. This means low service costs due to the long oil change intervals.

## CLEAN COUPLERS

Innovative self-closing valves  
Connect/disconnect when under pressure

Save time when connecting and disconnecting your hydraulics thanks to the simple lever couplers, even when the system is pressurised. All hydraulic valves on the S Series have an innovative self-closing flap design that effectively prevents dirt from entering the valve.



# WORK LATE WORK LIGHT

Turn night into day with the market-leading all-LED lights of the S Series. The intelligent lighting automation and control with SmartTouch means you can see what you're doing, and concentrate on the task at hand.

## INTELLIGENT ILLUMINATION

SmartTouch lighting control  
Smart automatic lighting options

Smart lighting features make work easier and safer. Either configure the working lights yourself easily through the SmartTouch terminal or take advantage of the S Series' many automatic lighting options. The auto-beacons automatically come on when the tractor is moving at

more than 25 km/h. Similarly, the cornering lights also automatically engage when the tractor is turning, and the rear work lights automatically come on when reversing.

## LED AS STANDARD

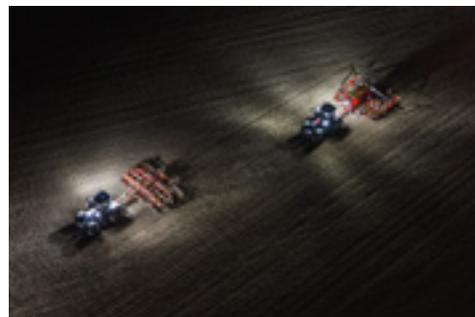
To work safely and efficiently you need to have good visibility all around your working machine. The S Series has the best bonnet lights in the market, with an array of work lights that provides excellent illumination front and rear. All lights are energy-efficient LEDs as standard.





**STAY SAFE,  
EVEN AFTER WORK.**

Safely find your way across the farm yard or field with the S Series' 'follow-me-home' function. The front waist level working lights will stay on for 30 seconds after you leave the cab.



**360 DEGREE VISIBILITY  
DAY AND NIGHT**

Integrated LED front, side, rear, and cab working lights are carefully positioned to provide total 360 degree visibility throughout the night.

**BE SEEN. BE SAFE.**

The 6th generation S Series features two rear indicators integrated into the cab for enhanced safety, while maintaining stylish looks.



**SAFETY WHERE IT  
MATTERS MOST**

Access the 6th generation S Series spacious cab safely and easily thanks to wide opening doors, accessible handles and the market-leading gently inclined aluminium steps with integrated LED step lights.



- Roof LED indicators**
- Rear LED work lights**  
[Basic 1100 lumen Premium+ 2800lumen]
- Rear waist double LED lights**  
[Basic 1100 lumen Premium+ 2800 lumen]
- Rear lights**
- Draw hook LED light**  
[450lumen]



- LED extremity lights**
- LED worklight**  
[3800 lumen each]
- LED waist work lights**  
[1100 basic lumen each 2800 Premium+]
- LED turn indicators**
- LED Daytime running lights**  
[387 lumen each]

# COMFORT, CONTROL, AND BETTER SOIL CONDITION

The 6th generation S Series is designed to look after you, your business, and your soil. The S Series is one of the most manoeuvrable tractors in its class. The proven suspension and transmission guarantee superior traction. There is no compromise between usability, comfort, fuel efficiency, and soil health. The S Series is the Boss of the field and the road.



## MINIMUM IMPACT. MAXIMUM YIELDS.

The S Series protects your soil from compaction for better yields. When soil gets compacted, it becomes less porous, negatively impacting drainage and the soil's microbiome. The S Series' unballasted weight is balanced to a 45% front axle / 55% rear axle division. This provides a

good base for heavy pulling, minimizing compaction, and improving traction. Take full advantage of the S Series' heavy pulling capabilities with a wide range of ballast options for both front and rear. Cost-efficient farming requires minimising unnecessary driving. The S Series comes with Valtra's easy-to-use smart farming

technologies including Valtra Guide, Auto U-pilot, and SmartTurn. These technologies make efficient use of the headland and use controlled traffic to minimise overlaps and maximise your efficacy.

## DESIGNED FROM THE GROUND UP

12 000 kg own weight  
3092 mm wheelbase

The S Series is a high horsepower tractor built for heavy work and yet it has a low own weight, a low centre of gravity, and excellent manoeuvrability. At just 12,000 kg, the S Series is light enough to protect your soil from compaction. However, with a range of additional weight options, your S Series can get heavy enough to work with any implement while maintaining traction thanks to its impressive 3092 mm wheelbase.



## BIGGER BALLASTING

The S Series can get heavy when needed for superior traction. With counterweight options from 850 kg to 2300 kg, wheel weights options from 250 kg per side to a total of 2,000 kg and belly weights of 345 kg, your S Series can find exactly the right balance for the task at hand.



## SAFE TRANSPORT AND A SMOOTH RIDE

The S Series is the perfect choice for agricultural contractors who need to work with a range of different implements and undertake a lot of road driving. Your comfort starts from the ground. The S Series' proven front axle suspension smooths out uneven surfaces for better traction and a comfortable ride on the field, and stress-free road driving, even with the heaviest of loads.



## THE HITCH YOU NEED

Thanks to the new strong cast modular design, you can get exactly the hitch options you need. Nothing more. Nothing less.



# BUSINESS- CLASS COMFORT

Welcome on board the S Series' new comfortable and ergonomic cab. From the safe and easy access to the climate controlled cab, to the innovative space-saving storage and coolbox - Everything about the S Series communicates the superior quality and craftsmanship of this Finnish-made tractor.

## SMART SPACE

Integrated coolbox  
Evolution seat

An ergonomic work environment is a sound investment. The S Series has an intelligent and functional layout that make long days in the cab a pleasure. The Evolution seat is one of the most comfortable on the market with automatic weight detection, lumbar adjustment, and heating and

cooling functions. The famously ergonomic SmartTouch armrest places all your controls at your fingertips. The S Series offers plenty of storage such as handy storage box behind the steering wheel. To the driver's left, there is a nifty coolbox, perfectly placed for easy access.

## ALL-DAY COMFORT

### Autocomfort cab suspension

The S Series has an exceptionally smooth and comfortable ride all day long, thanks to advanced mechanical and pneumatic cab suspension options. Valtra's famous Autocomfort cab suspension intelligently and continuously adapts to changes in driving conditions and situations to ensure a smooth ride no matter what.



## WORK WHICHEVER WAY YOU WANT

Effectively prevent straining injuries, save time, and improve your work efficiency with fewer turns. With Valtra's unique factory-fitted TwinTrac reverse driving system, you can operate your S Series in reverse. Take full advantage of the S Series' heavy lift capabilities, powerful hydraulics, and heavy-duty PTO, great manoeuvrability and excellent rear visibility.



## ALL AROUND AIR CONDITIONING

The 6th generation S Series fits any climate with market-leading climate control. Keep a cool head with 12 adjustable air vents that evenly distribute clean cool air around the upper body. Keep your toes warm as the heater distributes warm air around your legs.



## EASILY ADJUSTABLE MIRRORS

Easily get the perfect working position and visibility for all your tasks thanks to the large mirrors which can be easily adjusted from within the cabin.



## SMARTTOUCH

The award-winning Valtra SmartTouch armrest is an industry benchmark in ergonomic and easy-to-use tractor control. Spend more time 'doing' and less time learning as all the controls are intuitive and easy to use with two simple swipes to get to any setting you need. Control all powerlift, hydraulic, ISOBUS, and smart farming actions from one terminal, and see everything clearly on one easy-to-use 9-inch touchscreen. The SmartTouch multifunctional lever puts ultimate control in the hands of the operator with an easy and ergonomic vertical design.

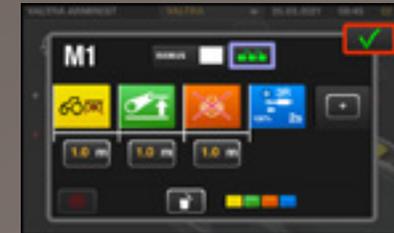
# SMART AND SIMPLE

Finnish ingenuity at its best. Our innovative and popular SmartTouch armrest puts the power of smart farming at your fingertips. Tasks are managed with simple and familiar swipe and tap movements, just like a smartphone... only easier! Operator profiles and tasks can easily be shared between tractors in a fleet, meaning any driver can step into any cab and get to work straight away.



## SMARTTOUCH

The award-winning Valtra SmartTouch armrest user interface is a complete operating environment designed to be ergonomic and intuitive. Simply put, it is the best tractor user interface on the market. It features an easy-to-use 9-inch touchscreen and multifunctional lever.



## HEADLAND MANAGEMENT WITHOUT THE HEADACHE

Fastest headland management set up

Take all the guesswork out of performing headland sequences, and get consistent, efficient, and reliable results that save time, and fuel while minimising soil compaction. Valtra SmartTouch offers the easiest to use, and fastest to set up, headland management system on the market.

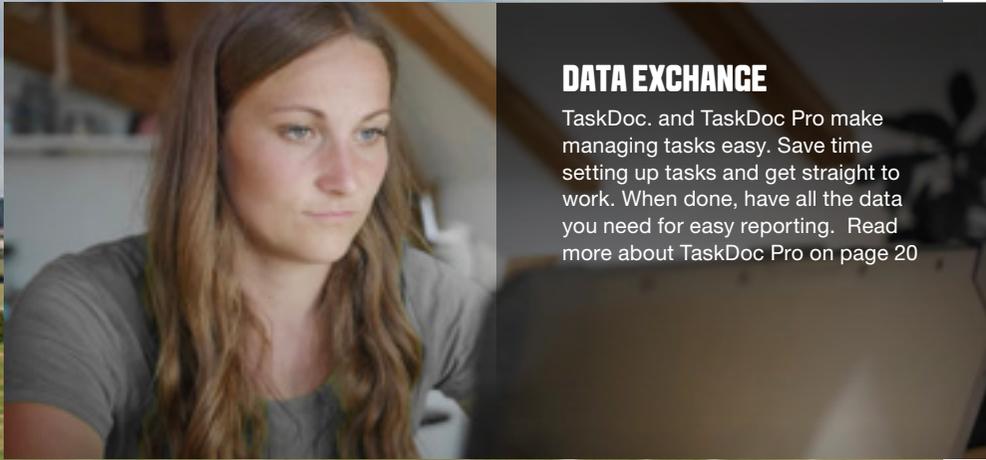
## A JOYSTICK THAT'S A JOY TO USE

Valtra's innovative and ergonomic SmartTouch joystick is a fully programmable hydraulic control for front and rear-mounted implements. The live third function lever can be programmed to control your most common function while still manoeuvring with the joystick.

## ERGONOMIC MULTIFUNCTIONAL CONTROLS

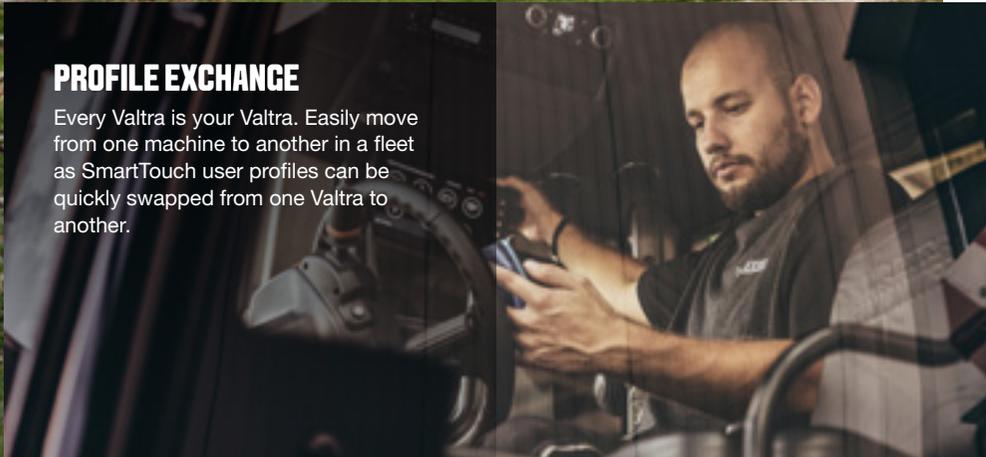
Popular 'drive lever driving'

The SmartTouch multifunctional lever puts ultimate control in your hands with an easy and ergonomic vertical design. The tractor's speed can be managed using only the multifunction lever. In addition, using the lever, operators can control the powerlift, hydraulics, and ISOBUS implements.



### DATA EXCHANGE

TaskDoc. and TaskDoc Pro make managing tasks easy. Save time setting up tasks and get straight to work. When done, have all the data you need for easy reporting. Read more about TaskDoc Pro on page 20



### PROFILE EXCHANGE

Every Valtra is your Valtra. Easily move from one machine to another in a fleet as SmartTouch user profiles can be quickly swapped from one Valtra to another.

## A-PILLAR DISPLAY

See the information you need clearly and easily and keep your eyes on the road. The large A-Pillar console is located at eye level and within easy reach. Key information is easily and instinctively controlled, by a simple rotating encoder and two buttons. On the road, the A-Pillar display automatically dims non-essential information.

Easy to read. Easy to operate.

Automatic dimming

### TOP

Ground speed

Clock

Engine RPM

Fuel levels

Prioritise the information you need to work efficiently and safely. When needed, the rest of the display can be dimmed to minimise distractions.

### MIDDLE AND BOTTOM

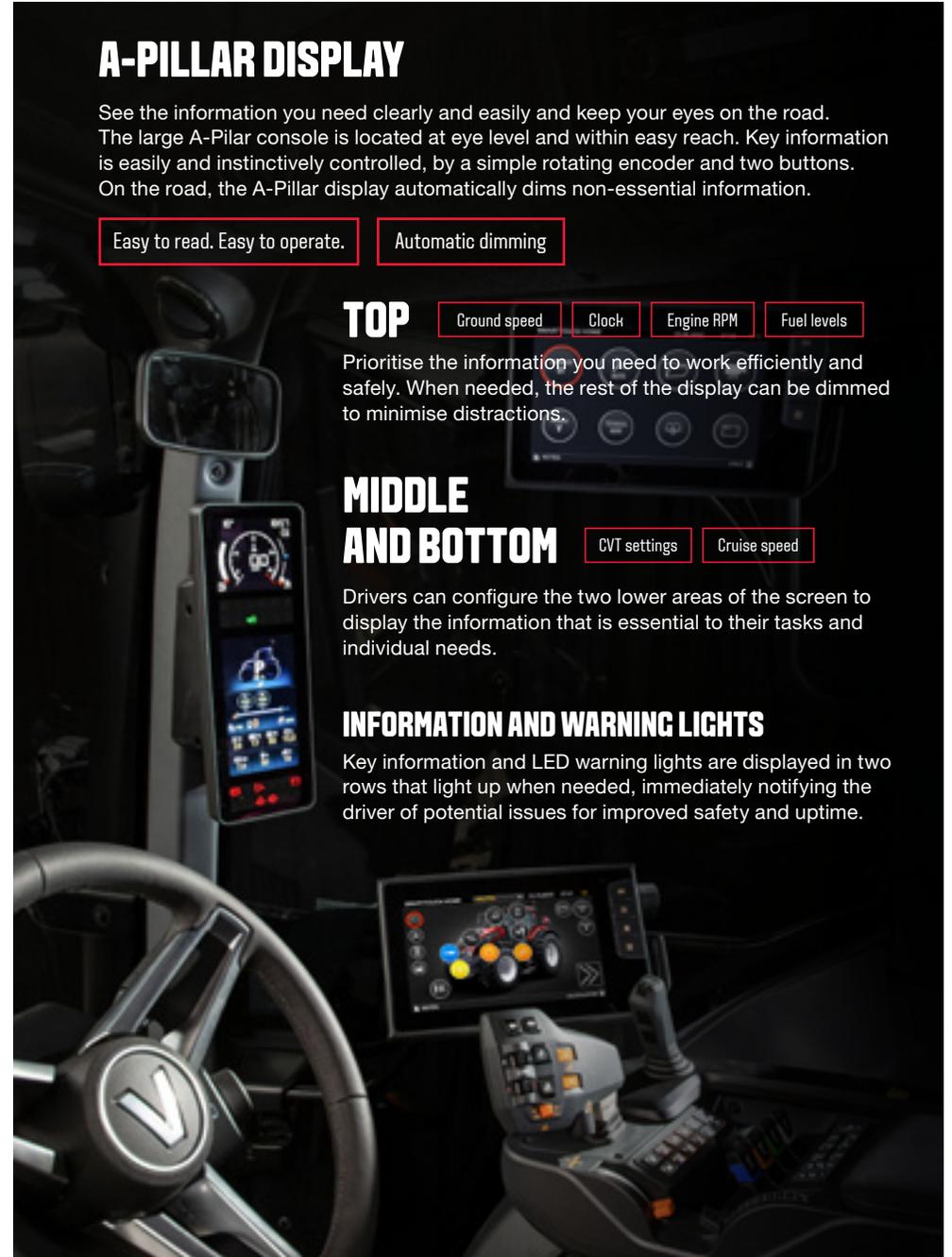
CVT settings

Cruise speed

Drivers can configure the two lower areas of the screen to display the information that is essential to their tasks and individual needs.

### INFORMATION AND WARNING LIGHTS

Key information and LED warning lights are displayed in two rows that light up when needed, immediately notifying the driver of potential issues for improved safety and uptime.



# TECHNOLOGY AT YOUR FINGERTIPS

The 6th generation S Series comes equipped with all the smart farming technology you need to make your work more efficient, more productive, and more sustainable. Smart farm like a Boss with SmartTurn for enhanced field automation.

## TASKDOC® PRO - FOR FMIS

Save time setting up accurately-planned tasks and send them to the tractor via a USB stick or mobile/cellular network with Valtra TaskDoc Pro.

While the tractor and implement are performing a certain task, the tractor's onboard computer is recording various parameters from the tractor and the ISOBUS implement, such as time, GPS position, worked area, fuel consumed, applied inputs and other data. When each task is complete, you get accurate

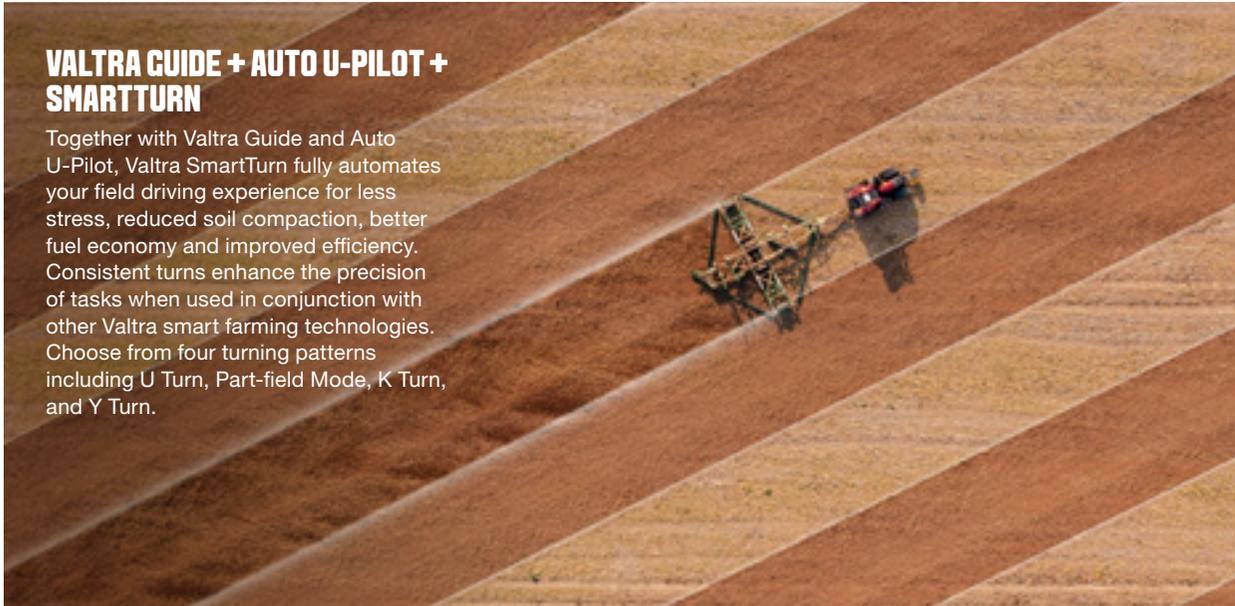
records delivered straight to your Farm Management Information System (FMIS) for easy reporting, agronomic records, organised planning, and sustainability reporting.

TaskDoc Pro® is 100% ISOBUS-compatible, supporting ISOBUS standards TC-BAS and TCGEO, and works with Farm Management Information Systems (FMIS).



## VALTRA GUIDE + AUTO U-PILOT + SMARTTURN

Together with Valtra Guide and Auto U-Pilot, Valtra SmartTurn fully automates your field driving experience for less stress, reduced soil compaction, better fuel economy and improved efficiency. Consistent turns enhance the precision of tasks when used in conjunction with other Valtra smart farming technologies. Choose from four turning patterns including U Turn, Part-field Mode, K Turn, and Y Turn.



## VALTRA GUIDE + VARIABLE RATE CONTROL + SECTION CONTROL

The time, fuel, and input savings from using Valtra smart farming solutions add up. With Valtra Guide overlaps and missed areas are eliminated. Variable Rate Control ensures exactly the right amount of product is applied to the right area of the field. Section Control with Multiboom eliminates overlaps at the headland, reducing the overall amount of product used and enhancing yield.

### YOUR BENEFITS EXAMPLE 1

A farmer spreads fertilizer on their wheat field with a spreader which has a 24 m working width. They apply fertilizer at 150 kg/ha. Valtra Guide reduced average overlaps from 5% to 0%. Using Section Control with Multiboom, the farmer saves a further 5% by eliminating overlaps at the headland.

For a farm growing 750 Ha of wheat this would save up to 11 250 kg of fertiliser per year

### YOUR BENEFITS EXAMPLE 2

A farmer is drills 750 Ha of wheat per year with a 12 m seed drill. Using Section Control with Multiboom the farmer undertakes both operations in one pass, saving seed and fertiliser. By eliminating double drilling, seed competition is reduce, resulting in improved yields.



# SMART WORKING

The S Series is built for business. A range of smart digital tools save time and inputs, making it easier to set up and manage tasks and improve the efficiency and sustainability of your business. Whether working with one tractor or a whole fleet, Valtra's advanced telemetry allows you to keep track on your performance from any where, any time.

## VALTRA CONNECT

If you're serious about saving time and money to improve your bottom line, and having the insights you need to report on your sustainability, then the S Series' telemetry will suit your business perfectly. Valtra Connect records your tractor activity and GPS movements in real time, giving you the insights you need to make efficiencies. Data shared with your trusted service partner helps to identify issues as they happen to prevent unscheduled down time. Stay safe and protect your investment with Connect's geofence feature which alerts you when your tractor enters or leaves a specified area.



AGCO telemetry for customer  
Fully customer and user

## YOUR BENEFITS EXAMPLE 1

A farmer receives a call from their Valtra dealer informing them they received a service code for one of their tractors notifying them of a clogged air filter. The dealer has the required filter in stock and agrees a suitable time for the farmer to have it replaced before the harvest starts.



## REDUCE IDLE TIME. SAVE FUEL.

Valtra Coach is an innovative app from Valtra that uses real time and historical telemetry data to help tractor drivers identify excess idle time and reduce their fuel usage, and lower their carbon footprint. The reduced idle time also prolongs the health of their tractor, reducing service costs and protecting its the resale value.

### YOUR BENEFITS EXAMPLE 1

A driver uses their tractor for an average of 5.2 hours per day. Valtra Coach identifies that 12% of this time is excessive idling. By changing habits to minimise idle time, the driver saves 27



# COMMITTED TO QUALITY OF SERVICE

Your S Series is a high-quality machine. Your business deserves an equally high quality of service. Valtra Certified dealers offer specialist services from tailored financing options, to high quality professional set up and handover, to Connected services and guaranteed parts availability. We're here with you 24/7 to ensure your 101% uptime.

## YOUR CERTIFIED VALTRA DEALER

Valtra Certified Dealers offer specialist services to ensure your business gets the most benefit from your S Series. To achieve Certified status dealers must adhere to stringent brand experience standards that cover both machine acquisition and after-sales experiences.

## CERTIFIED VALTRA DEALERS ENSURE YOUR 101% UPTIME WITH:

- ✓ Guaranteed parts availability
- ✓ Courtesy and rental units
- ✓ Machine handover & smart farming setup service
- ✓ Certified product and service specialists
- ✓ Latest diagnostic tools
- ✓ Proactive maintenance
- ✓ Expert finance advice

You can always rely on your Certified Valtra Dealer for the best service; from consultancy, maintenance, repair and spare parts, to the purchase of a new piece of equipment.

## PEACE OF MIND. IN YOUR HANDS.

You want your S Series to work hard for your business. You want comfort and convenience. Our finance solutions are just like that. They are conveniently available through your Valtra Certified High Horsepower Dealer. You get affordable financing in one clear package, powered by AGCO Finance, the global provider of financing solutions for Valtra. With over 30 years of agricultural industry experience, you can count on getting customized financing solutions from industry specialists.

## BUY. RENT. LEASE.

With the Rent, Buy, Lease programme, we can build a financing solution to meet your individual and specific needs.

## CONNECT, CARE & GO

With Connect, Care & Go, you get peace of mind knowing that service costs are factored into your monthly outgoings. You will get a solution that fits your needs.



### CONNECT

TRACTOR DATA, INFORMATION  
AND SERVICES.



### CARE

FACTORY EXTENDED  
WARRANTY.



### GO

MAINTENANCE  
CONTRACT.





# UNLIMITED POSSIBILITIES

The 6th generation S Series is made in Suolahti, Finland - the home of the Valtra Unlimited Studio. All Valtra S Series are now available with Unlimited customisations for increased profitability, prestige, and productivity. Choose from a range of features, or specify your own individual needs - **IT'S YOUR CHOICE.**

## LESS TIME IN THE YARD. MORE TIME IN THE FIELD.

### Central lubrication

Manual lubricating of individual points can be a time-consuming process. Save time and don't waste lubricant with the Unlimited Automatic Central Lubrication System. Simply fill the central reservoir and the system automatically supplies just the right amount of lubrication to each point to keep your S Series running smoothly, even in extreme conditions. If the fully automatic lubrication is not for you, Unlimited also offers a simplified solution, a Manual Central

Lubrication system. In this system the lubrication points are centralised to places with easier access, where the progressive metering devices divide the incoming lubricant forward to the individual lubrication points. The Manual Central Lubrication system lubricates points in the front axle, rear linkage, and front lift. Just manually lubricate a couple of points which you can easily reach and let the system divide the lubrication to the rest of them.

## YOUR TRACTOR. YOUR WAY.

Valtra offers a range of solutions to suit your business needs, individual style, or business branding.

## EASIER ATTACHMENT AND OFFSET CONTROL

Valtra Unlimited offers the farm valve with hydraulic side limiters for safe and easy adjustment of implements from inside the cabin. Farm valve enables hydraulic sideways adjustment of the lower links and hydraulic side movement of the implement. Farm valve can be controlled via wireless control unit or via ISOBUS UT.

## INTELLIGENT CAMERA SYSTEM

Improve your safety and those of everyone on your farm and on the road with Unlimited VIEW Vision-based Intelligent Electronic Warnings. The system uses front, side, and rear-mounted cameras and machine learning algorithms to automatically detect objects moving in front of the tractor and warns the driver accordingly.



## SOUND SYSTEM

Apple CarPlay  
Android Auto

Make your work day as entertaining as it is long with Valtra Unlimited's new state-of-the-art sound system. Play whatever you want with fully integrated Apple CarPlay and Android Auto. Control your tunes on the 6.8" touchscreen.



## AIRPORT MAINTENANCE

Unlimited tractors meet stringent aviation safety standards, and with the correct tools, such as ploughs, sweeper-blowers, and mowers, can be used all-year-round.



## MUNICIPALITY

Unlimited tractor meet municipal standards and can replace many individual, specialised vehicles, such as snow blowers, for significant cost savings.

## FORESTRY AND ENERGY SECTOR

Valtra Unlimited can tailor your tractor for forestry and energy sector use, including adaptations for chipper use, forestry tyres and relocation of the SmartTouch terminal.

# EASY DAILY SERVICE

Everything about your S Series is designed to be easy to work with, including the easy daily service. 7 simple checks is all you need to keep you going in the field.

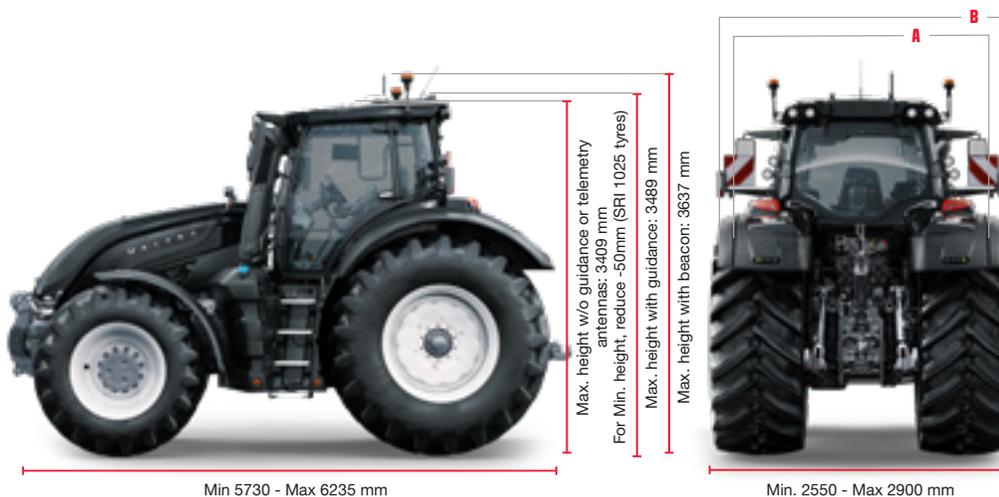
## EVERY 10 HOURS

- ✓ Check the engine oil
- ✓ Check the transmission oil
- ✓ Clean the radiators
- ✓ Check the hydraulic oil
- ✓ Check of the coolant level
- ✓ Drain the compressed air system
- ✓ Check the pipes engine breathing system



# S SERIES TECHNICAL SPECIFICATIONS

310-425 HP



**Weight:**

Own working weight **12000 kg**  
 Max total weight **16000/18000 kg**

**Length:**

Front lift in transport position **5730 mm**  
 Front lift in working position **6235 mm**

**Mudguard width:**

**2550 mm or 2750 mm**

**Tractor width:**

**2550 mm ca. - 2900 mm**

MODEL	MAX POWER AT 1850 R/MIN (RATED SPEED 1950 R/MIN) MAX TORQUE 1500 R/MIN						
	AGCO POWER	STD			BOOST		
		HP	kW	Nm	HP	kW	Nm
S316	84 LXTN-E3	310	228	1350	340	250	1500
S346		340	250	1500	370	272	1600
S376		370	272	1550	400	294	1700
S396		400	294	1700	420	309	1750
S416		425	313	1750	425	313	1750

See specifications table for further engine data. S316 - S396: the boost values are available in road speeds as well if PTO or hydraulics is in real use and tractor is moving. S416: Transport boost steps in gradually and can be utilized in all speeds. The boost is available in PTO use even at standstill (tractor ground speed = 0 km/h).

MODEL	S316-S416	
DIMENSIONS WITH 710/75R42 + 650/60R34		
Wheel base [mm]	3092	
Length (with front linkage, transport position)	5730	
Length (with front linkage lowered)	6235	
Height, with Valtra Guide box/telemetry, [mm]	3489	
Width, min [mm]	2550	
Turning radius [m]	8.0	
Ground clearance mid [mm]	528	
Ground clearance rear (no hitch) [mm]	541	
Weight (full tanks, + driver) [kg]	12000	
Weight distribution Front/Rear [%]	47/53	
Max total weight [kg] 40 km/h	18000	
Fuel capacity, basic [l]	610	
AdBlue, capacity[l]	70	
Min tyre size (rear SRI 975)	710/70 R42	600/70 R30
Max tyre size (rear SRI 1025)	VF900/60R42F	VF650/60R34F



MODEL	S316-S416
<b>ENGINE</b>	
Agco Power engine type	84 LXTN-E3
Engine no. of cylinders (volume, litres)	6 (8.4)
Engine speed at max power [r/min]	1850
Engine nominal speed [r/min]	1950
Engine speed at max torque [r/min]	1500
Idle speed [r/min]	850
Low idle (shuttle lever on P) [r/min]	750
Oil-change interval (h)	500
Emission grade	Tier 3
Exhaust cleaning system	SCR
<b>TRANSMISSION</b>	
Number of gears	CVT
Number of work areas	2 (A, B)
STD speeds [km/h] Area A	0 - 28
STD speeds [km/h] Area B	0 - 43
Top speed 43 km/ reached at [r/min] 1500	
Front axle suspension	Hydraulic, option

MODEL	S316-S416
<b>HYDRAULICS</b>	
Lifting power rear, (max kg)	12000
Lifting power entire lift range, [Front, kg]	5800
Type of Hydraulics	Closed center Load Sensing
Pump capacity ECO [l/min] at 1650 r/min	205
Pump capacity 200 + 200 (1950 l/min)	200 + 200
Transmission and hydraulic oils	Separate oils
Exportable hydraulic oil [l]	77
Number of electrical service valves rear STD (ECO)	4
No. of electrical valves rear w. decompression (ECO)	4, 5 or 6
No. of electrical valves rear w. decompression (200 + 200)	6
Number of electrical service valv. FRONT	2 or 3
<b>PTO, 2 speeds</b>	
2 Speeds @ engine speed [r/min]	540E@1577+ 1000@1882
2 Speeds @ engine speed [r/min]	1000E@1605 + 1000@1882
Front PTO option, speed @ eng. speed [r/min]	1000@1900
<b>INTERFACES</b>	
Valtra SmartTouch User Interface -- STD	
Valtra Connect	
Valtra Guide options	



You don't just work hard - You work smart.

You constantly work to improve efficiencies in workflow.

Managing your business to be profitable and sustainable.

Crops, clients, and livestock all need constant attention, and your time is precious.

You understand that you need the right power to get tasks done, but also the right data to be able to do it efficiently.

Whether you manage one tractor or a fleet, you demand uninterrupted connectivity and maximum uptime. You need to know where your machines are, what they are doing, and how they are doing it to plan for your efficient and sustainable business. You deserve a partner who understands this and works with you at every stage That is why you trust Valtra.

We work hard to make hard work easy. We make machines that are tough on the outside and smart on the inside.

Our machines are built to last.

Built to work. Built for you.

## YOUR WORKING MACHINE



**VALTRA** is a worldwide brand of AGCO.



Valtra Showroom



[www.valtra.africa](http://www.valtra.africa)

The tractors that appear in this brochure may be equipped with special options. Changes possible - all rights reserved.