

SMART AND MORE POWERFUL.

VALTRA



**SMART CONTROL OF 405
SISU HORSE POWERS WITH THE
NEW VALTRA SmartTouch ARMREST**

**YOUR
WORKING
MACHINE**



No additional screen and safety camera d to the SmartTouch s additional monitors t

New multifunctional lever: a two linear levers to control f

Forward / reverse lever at th

THE NEW VALTRA S394 WITH 405 HP

HAVE YOU CONSIDERED THE PROFITABILITY OF YOUR INVESTMENT? WE HAVE

The fourth generation Valtra S Series is a tractor whose balanced performance help you get the most out of your new investment – to maximise output and minimise costs. We have designed for you a reliable machine 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,

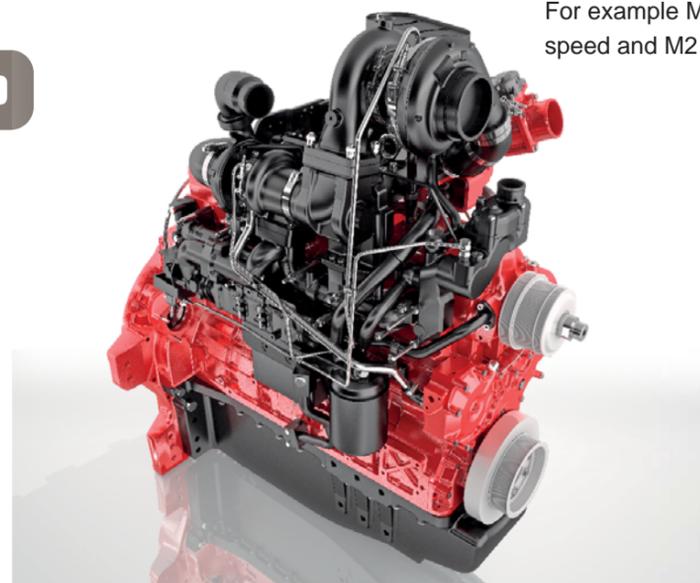
services and resale value. This makes Valtra the rational choice of investors

VALTRA S SERIES - A STRONG PACKAGE

1. AGCO POWER 84 AWF engine: This was the first tractor engine to comply with the Stage 4 emissions standard and now with new engine power management more productive than ever!
2. AVT transmission: The market leader that meets the toughest demands for reliability and economy in modern farming.
3. Valtra's ergonomic controls, spacious cab and pneumatic cab suspension ensure that the driver stays fresh and alert all day.

4. Valtra tractors work in both directions, significantly increasing productivity (by up to 15%). Rotating driver's seat standard on all models, TwinTrac reverse-drive system optional.

5. Each S Series tractor is equipped for precision farming. AutoGuide Ready comes as standard, making the tractor compatible with the latest autosteer systems.
6. Valtra can also deliver your S Series tractor with the AutoGuide automatic steering and AgCommand telemetry.



Three programmable me any tractor operation or c For example M1 to add L speed and M2 to decrea

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 roots as an engine manufacturer reach back over 60 years. AGCO POWER is the global leader in off-road engines and the factory manufacturers over 70 000 engines a year. The up-to date 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 with the service-free Hydraulic Lash Adjustment (HLA) and it complies 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. Then new model S394 gives up to 24 kW more power to be in your use in stationary PTO use or in heavy pulling.

THE NEW VALTRA SmartTouch ARMREST IN S SERIES.

SmartTouch – 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

Two screens needed – Auto-Guide camera displays are integrated on each screen. No need for mirrors to block your visibility



Joystick: also with control hydraulics.

Joystick at the drive lever.

Multiple memory buttons for on or operations (U-pilot). To add Driving speed cruise increase it.

Buttons:
Concave and convex shape helps find frequently used buttons easily and quickly.

Rear linkage:
The easy-to-use limiter enables even the smallest adjustments of the rear linkage

Safety usage:
Area between buttons gives your thumb the possibility to rest without keeping the finger on top of the buttons
Hubs around linear levers prevents error usage

Clear simple lines:
Simple and clear lines add to the overall image of tranquility and sturdiness, and improve usability

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

Functional structure of the armrest provides good grip on rough terrain. All functions are easy to access due to logical layout and the armrest allow good support for hand reducing tensions and stress. Location of PTO switches minimizes unintentional usage.

Upholstery: Alcantara upholstery for less sweating. Storage space under the cover.

Designed in Finland

Rubber grip:
With first-class materials the drive lever is ergonomic, easy to use and comfortable.

Ergonomical design:
The design allows for easy lever movement in all four directions
Button area in natural position for your thumb
The design of buttons and switches was done with a function first approach. Therefore buttons with different functions look different. Example the latching rocker switch for the rear linkage with a momentary down function for fast soil engagement.



TRACTOR MODEL	S274	S294	S324	S354	S374	S394
ENGINE						
Max. hp @ 1900 rpm, hp (kW)	270 (199)	295 (217)	320 (236)	350 (258)	370 (272)	400 (294)
Max. hp @ 1900 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 cylinder	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
BRAKES						
	Oil cooled, multi-plate discs, hydraulic actuation with power assistance					
Parking brake	Integrated with shuttle lever, hydraulic					
4WD FRONT AXLE						
Type	I STD	I STD	I HD	I HD	I HD	I 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					
Weight at no load 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					
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, 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 SmartTouch armrest.					
Optional equipments	TwinTrac reverse-drive system, automatic air conditioning, Xenon work lights, foot heater, ISOBUS terminal, Auto-Guide					



Valtra is a worldwide brand of AGCO.

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**YOUR
WORKING
MACHINE**

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