

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.







MAKE THREE WISHES AND GET IN THE DRIVER'S SEAT

T154 Active

T154 Versu

T154 Direct

165-180 HP

165-180 HP

165-180 HP

T144 Active

T144 Versu

T144 Direct

155-170 HP

155-170 HP

155-170 HP

If you could design and build a tractor, this is what it would look like. Many of the new T Series' unique features originated from our customers, because this tractor is the end result of discussions with hundreds of customers and thousands of hours of test driving.

T214 Active 215-230 HP

T214 Versu

T214 Direct

215-230 HP

215-230 HP

T234 Active 235-250 HP

T234 Versu 235-250 HP



T194 Active

T194 Versu

T194 Direct

195-210 HP

195-210 HP

195-210 HP

T174e Versu 175-190 HP

T174e Active 175-190 HP

T174e Direct 175-190 HP

Reliability

We stand behind the reliability of this tractor. The T Series has fewer parts than ever and went through 40,000 hours of test driving in extreme conditions. To ensure unrivalled reliability, we make all four of its major components in-house. The chassis, transmission and cab are Valtra's own design and engineering, and AGCO Power is the original Valtra engine that sets the reliability standard in our industry. The T Series is built for working in tough conditions - every day.

Ease of use

We made owning, operating and servicing your tractor easy so that you can concentrate on your work. The controls in the cab are located to minimise body movement, transmission operation is easy with a new drive lever, and the bright work lights let you keep working when night falls. We paid extra attention to the daily maintenance points, so that checking the oil and cleaning the filters take as little time as possible. The T Series is well suited for your work because many of its unique features were actually innovated by our customers.

Low total cost of ownership

The T Series isn't the cheapest tractor you can buy. But drive it for 10,000 hours and then you'll see the low total cost of ownership. For a start, we build your tractor for you, so you get only the features you need, factory installed and covered by the factory warranty. With AGCO Finance you tailor your financing costs. The 600 hour service interval reduces your maintenance costs and the SCR only AGCO Power engines give you the best overall fluid economy. Choose the T174 EcoPower model to save an additional 10% in fuel costs. Select PremiumCare and a service contract to secure your maintenance costs according to your annual running hours. And with genuine Valtra parts and 24/7 service you will get high resale value for your tractor. Valtra has one of the fastest parts delivery services in the industry to keep your working machine running, day in, day out.



HIGHLIGHTS OF YOUR NEW WORKING MACHINE

Every detail of this tractor has been developed to improve your productivity. The T Series has been perfected by our engineers and tested by our customers. Come in for a test drive!





Your working machine **Comfort Power** 11. AGCO Power 6.6 I or 7.4 I engine, up to 17. 5 speed Powershift with Active and Versu, or 1. The most comfortable 5-post cab 250 hp and 1000 Nm Direct CVT Intelligent cab frame with 365 Day 18. Electric 3-speed PTO with Sigma Power and 12. EcoPower fuel saving model visibility and over 6 m² window space 13. Fuel efficient Tier 4 Final / Stage 4 ground speed PTO 3. Pneumatic AIRES+ front axle suspension 19. Integrated 51 kN front lift and either a 81 kN or a engine with SCR only 4. Quiet working in the 5-post cab 14. 600 hour service interval 95 kN rear lift 5. 270° sweep windscreen wiper and heated 20. Load-sensing hydraulics with 115 or 160 l/min 15. 380 I fuel tank, 70 I AdBlue tank front* and rear windows 16. Pillar air intake for engine 6. Pneumatic AutoComfort cab suspension pump capacity 21. Factory installed front loader and cast subframe 7. Roof window 22. Best ground clearance on the market (60 cm) 8. Electric TwinTrac reverse driving and 180° 23. Max total weight 13,500 kg swiveling seat 24. Turning radius 5.25 m Efficient LED lights 25. 4th generation functional Scandinavian design 10. Safety camera * Available later Illustrated specifications may be country specific.







How is all this possible? The cab has a completely new frame and an innovative manufacturing process. It also has fewer parts and joints, making the cab structure very rigid and accurate in all 3D measurements. All this means that the cab fits like a glove. With its premium sound system, refrigerator and rear-view safety camera, the cab takes comfort to a whole new level. Just make three wishes and get into the driver's seat. The new cab is silent, secure, comfortable, and functional - your working machine.





MORE SPACE, BETTER VISIBILITY, AND EVERYTHING UNDER CONTROL









365 Day Visibility Concept

You get the best possible visibility day or night, summer or winter, undertaking front loader work or reverse driving. The narrow pillars and exhaust pipe design help you see your work. The 270° sweep front wiper keeps the heated front windscreen clear in all conditions and you can see the front loader bucket easily through the roof window. Premium LED working lights give you light in all directions. With black panel mode you can dim the interior to maximise your visibility outside and the optional safety camera gives you an unimpeded view of the hitch or working device. Efficient air conditioning and two heaters keep the temperature comfortable even when it's -30 degrees outside.

Comfort and control

You notice the comfort as soon as you enter the cab - three steps and safe access through the wide-opening and soft-closing door. You have fingertip control of the new 5-speed powershift or Direct CVT, with a drive lever for driving and a joystick for controlling all tractor hydraulics. The cab has four seat options, from mechanical suspension to the Valtra Evolution seat with air conditioning and air suspension. Your co-driver also enjoys comfort and plenty of space. Two cab suspensions are available: luxury, semi-active pneumatic AutoComfort and a new mechanical suspension. The T Series has an all-new front axle with AIRES+ suspension that constantly monitors the ground and communicates with the AutoComfort cab suspension to make you feel as comfortable as possible.

Functional Scandinavian design

The cab has a unique shape to give you more space at shoulder and elbow height, but it is narrow at the front to keep the tractor as compact as possible. The convex windows optimise use of space, with over 6 m² of visibility in all directions. The Valtra cab is designed for reverse driving with TwinTrac. As always with Valtra tractors, the T Series cab offers a silent workplace (<70 dB).

Technology on demand

Most of the technology is available at the touch of a button. By pushing the ECO or U Pilot button, or engaging the transmission modes, the tractor handles itself automatically. AutoGuide works with cm/dm accuracy and is viewable through the optional 12.1 inch terminal. AgCommand telemetry is available factory fitted and ready to use when the tractor arrives on your farm. Everything is integrated under the same service and warranty. We concentrate on the technology so you can focus on your work.





WHERE WE COME FROM, WE MAKE OUR OWN ROADS



When we designed and developed the T Series tractor, there were no roads on the map. We had to make our own way. We designed and built the chassis and transmission in-house. And we have been working with ACCO Power engines as long as we have been making tractors – for more than 60 years.

Starting reliably since 1951

You have your choice of 6.6 or 7.4 litre engine, producing between 155 and 250 horsepower and up to 1000 Nm. AGCO Power has been the heart of Valtra tractors since we started manufacturing agricultural tractors in 1951. This gives Valtra tractors the reliability and long service interval that the competitors keep as their benchmark.



THE BEST TRACTOR ENGINE, MADE IN FINLAND

We lowered the total cost of ownership by reducing fuel consumption and emissions to meet Tier 4 Final / Stage 4 engine regulations, while still delivering power where you need it. At the same time we have focused on keeping maintenance to the minimum, with SCR only emissions control.



SCR only

We like to keep things as simple as possible. We have been on the market with SCR emissions control since 2008 and now we are really seeing the difference. SCR is a reliable and service free system, with no clogging components or wearing parts. DOC and SCR catalysers clean the exhaust gas without particle filters.

Right sizing saves fuel

You get good responsiveness and fuel economy throughout the rpm range with the T Series' new turbo and 2000 bar injection pressure. You reach max torque at 1500 rpm. The T Series lowers fuel consumption with a new cooling package, a high pillar air intake, electronic viscous fan control, and optimised heat removal.

Valtra EcoPower

With the Valtra T174 EcoPower model you can choose between two engine settings at the flick of a switch and minimise fuel consumption. The engine torque increases and the average piston speed is reduced by 20 percent. This not only reduces engine wear; it also means fuel savings of up to 10 percent. Idle speed is only 650 rpm.

The Sigma Power boost

The Sigma Power feature gives up to 15 additional horsepower for PTO work when required. Sigma Power is especially useful when you are working with implements that demand a lot of PTO power, such as chippers, mowers, and power harrows.

Market leading hydraulics

The Valtra Direct, Versu and Active models offer high-capacity load-sensing hydraulics with 115 or 160 l/min hydraulic pumps. There are separate oils for the transmission and hydraulics, up to seven service valves in the rear and three valves in front. In Versu and Direct the valves are fully adjustable, with electronic control using the Valtra Arm. In Active the rear valves are mechanically controlled with the ergonomically located, clearly marked levers. The front valves, for the front loader, front lift or both, are electronically controlled with the joystick on the Valtra Arm in all models.



THERE IS NO TRYING. JUST DOING.

These transmissions represent the new generation of power delivery. They shift usability and performance to the next level.



Valtra Active offers revolutionary powershift technology with mechanical load sensing hydraulics, hydraulic assistant, and separate hydraulic and transmission oils. The transmission control is automated. You can operate the tractor with the gear lever in automatic mode or manual mode.

- → Powershift, with load sensing hydraulics
- → Mechanical hydraulic controls
- → Valtra Arm without screen

VERSU

Valtra Versu is the king of new generation of powershift transmissions, with electronic hydraulic control, hydraulic assistant, and separate hydraulic and transmission oils. The transmission control is automated. You can operate the tractor with the gear lever in automatic mode or manual mode.

- → Powershift, with load sensing hydraulics
- → Electronic hydraulic controls
- → Valtra Arm with screen

DIRECT

This is the flagship of the new T Series range. Four transmission ranges offer optimal working performance and fuel economy. The drive level control allows you to adjust the acceleration and deceleration with your right hand only. The drive lever control systems have been further developed to offer a manual transmission control which may be needed for special applications.

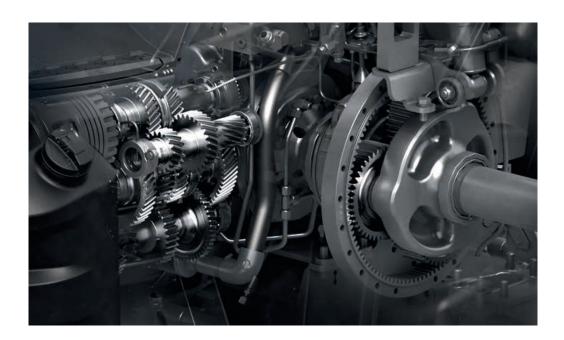
- → CVT, with load sensing hydraulics
- → Electronic hydraulic controls
- → Valtra Arm with screen

The Powershift revolution

You're in control, without your foot on the clutch pedal. With automatic mode control, the transmission shifts up and down depending on how you press the drive pedal. The Active and Versu Powershift transmissions now include the new Hillhold feature, so you control the tractor start/stop with the brake and accelerator pedals only when starting on a hill. The Valtra Active and Versu models gain hydraulic assistant, so you automatically get increased hydraulic flow with increased engine rpm, without affecting your driving speed.

Maximum CVT power

The Direct (CVT) transmission offers you maximum precision for heavy-duty PTO work. The four transmission ranges are designed to match your tasks perfectly at each working speed. There are 3 driving modes. The default driving mode is with the pedal (automatic), where the driver sets the target speed with the driver pedal. In lever mode (automatic) the driver sets the target speed with the drive lever. In manual mode the driver can separately set the engine revs and manage the driving speed independently with the drive lever. The Direct transmission always provides high-capacity hydraulics and ease of use.





Powershift transmission offers four ranges, two creeper ranges and 30 speeds in both directions. The new gear lever, with manual and automatic modes, makes shifting effortless and precise. The load-sensing hydraulics and hydraulic assistant make the T Series the greatest powershift tractor ever.

UNIQUE VALTRA OPTIONS

Valtra is famous for the A la Carte ordering system. You can tailor your tractor together with your dealer using the electronic ordering tool. This is how we guarantee that you will get the working machine that matches your needs exactly. For the most demanding requirements, we also offer the Valtra Unlimited service, where you can find more options and make your tractor even more individual – Valtra is the only tractor manufacturer to offer this level of service.

























































- 1. **TwinTrac /** Rear driving controls for reverse driving
- 2. AutoComfort / Luxury pneumatic cab suspension
- 3. AIRES+ / Pneumatic front axle suspension
- 4. Premium audio system / Hlfi stereo with subwoofer
- 5. **Premium working light options /** Excellent visibility for night work
- 6. Sigma Power / Gives an extra 15 hp for PTO work
- 7. Roof window / Best visibility for front loader work
- 8. Safety cameras / Give unimpeded view behind the tractor or implement
- 9. Refrigerator / To keep your refreshments cool
- 10. U-Pilot / Headland management in Versu and Direct
- 11. Valtra Evolution seat / Luxury seat with air conditioning and air suspension
- 12. Passenger seat / Plenty of room in the cab for a co-driver
- 13. Front loader / The best visibility and hydraulics for loader use
- 14. **Tyre options /** A wide range for any type of work
- 15. **Toolbox /** Keep tools safe in a lockable service compartment
- 16. Mechanical cab suspension / For smooth driving
- 17. Customer name / Advertise yourself or your business
- 18. 7 standard colours
- 19. Front PTO
- 20. Front Lift / 5.1 tonne lift capacity for heavy duty applications
- 21. 270° sweep wiper / For good visibility 365 days a year
- 22. 50 km/h / Up to 53 km/h at reduced engine rpm
- 23. Weights / Front, rear, rim and ballast
- 24. Valve packs (2-5) / To meet all implement needs
- 25. **Power Beyond /** Max capacity up to 150 litres/min
- 26. Hydraulic capacity / of 115/160 litres/min
- 27. Trailer hitch options / Pick-up hitches and towing frames
- 28. QuickSteer / Adjustable steering speed makes turning easy
- 29. **Electric power supplies /** available for all needs
- 30. Front service valves / Flexible use for front implements



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.

T 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 ACCO, 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 T 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

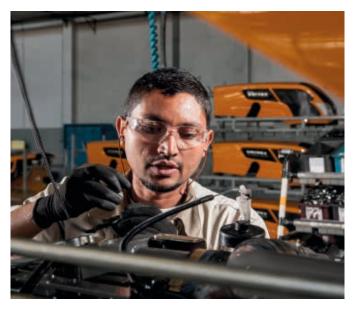
Valtra Team is our customer magazine which is published twice a year. Each issue contains useful information about the latest innovations, including the newest and most efficient work methods. You can also access the magazine's archives on the internet and read the articles that interest you most dating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

KEY ACCOUNT PROGRAMME

Some of the world's most successful professional farmers are feeding the world with AGCO equipment. Join us, and add your name to a growing group of dedicated, forward-thinking and profitable farmers. With your help, we can change the face of farming. Together, we can meet the challenges ahead and increase productivity in a sustainable, profitable way.

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.

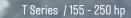
AGCO's global presence ensures that professional farmers worldwide have the tools they need to maximise their crop yield and meet growing demands.



TRACTOR MODEL	T144	T154	T174e		T194	T214	T234
ENGINE	·	·	std mode	eco mode		· ·	
Engine, Agco Power	66 AWF		74 AWF				
No of cylinders /Capacity [I]	6/6.6		6/7.4				
Emission control	Tier 4 Final / S	tage 4 - "SCR only" sy	stem with DOC and SC	R Catalysts			
Standard Max Power, [kW]	114	121	129		143,5	158	173
Standard Max Power, [hp]	155	165	175		195	215	235
Boost Max Power, [kW]	125	132	140		154,5	169	184
Boost Max Power, [hp]	170	180	190		210	230	250
at engine speed [r/min]	1900		1900	1700	1900		
Nominal engine speed [r/min]	2100		2100	1800	2100		
Standard Max Torque, [Nm]	640	680	740	850	800	870	930
Boost Max Torque, [Nm]	680	740	780	900	870	910	1000
at engine revs	1500		1500	1100	1500		
TRANSMISSION							
Active	X	X	X		X	X	X
Versu	X	X	X		X	X	X
Direct	X	X	X		X	X	
DIMENSIONS							
Wheel base [mm]	2995						
Length [mm]	5800						
Height [mm]	3130						
Turning radius (600/65R28, track 1960mm) [m]	5.25						
Fuel capacity [l]	380						
AdBlue capacity [I]	70						
Ground clearance MID [mm]	600						
Weight (full tanks) [kg]*	7300						
Weight distribution F/R [%]	40/60						
Max front axle weight [kg]	5500						
Max rear axle weight [kg]	9000						
Gross vehicle weight [kg]	13500						

^{*} With tyres 600/65R28, 710/70R38





RANSMISSION	ACTIVE	VERSU	DIRECT	
NGINE				
step Powershift; 4 work areas + creeper	X	X		
CVT			Χ	
Speed range	0.6-43		0-43	
Alternative speed range	0.7-53		0-53	
ransmission ranges	A, B, C, D			
Ranges	automated			
lumber of speeds with creeper	30	30		
Creeper	STD	STD		
lumber of creeper gears	10	CVT		
Brakes rear	multi-disc/plates oil cooled wet brakes with hydraulic boost			
Brakes front axle	option			
ype of main clutch	wet multi-disc			
Front axle suspension type (option)	AIRES+ pneumatic			
HYDRAULICS				
Hydraulic system	load sensing			
Pump capacity (option)	115 (160)			
Dil available from spool valves [l/min]	80			
Mechanical valves rear	up to 4			
Power Beyond	up to 150 l/min			
Electronic valves rear		up to 5		
DN/OFF valve rear	up to 2			
Electronic valves front (option)	2 or 3	·		
POWER LIFT				
.ift capacity rear, max [kN]	81 or 95	81 or 95		
ifting range [mm]	868	868		
Optional front lift capacity [kN]	51			
POWER TAKE OFF				
540 / 1000	STD	STD		
640/540E/1000	Option	Option		
40E/1000/1000E	Option	Option		
Ground speed PTO	Option			

TECHNICAL SPECIFICATIONS

CAB	ACTIVE	VERSU	DIRECT			
Operator's seat swivel angle	180°	180°				
Co-drivers seat with safety belt	Option	Option				
Noise level [dB]	70	70				
No of doors	1	1				
No of windows STD	5	5				
Roof window	Option	Option				
Window area with roof window [m²]	6.22	6.22				
Windscreen wiper work angle	STD 180°, Optional 27	STD 180°, Optional 270°				
Valtra ARM control armrest w/o terminal	STD					
Valtra ARM control armrest with terminal		STD	STD			
Air conditioning and heater in the roof	Option	Option				
2nd heating for footwell	Option	Option				
Automatic climate control with 2 heaters	Option	Option				
Refrigerator	Option	Option				
Mechanical cab suspension	Option	Option				
AutoComfort semi-active air suspension	Option	Option				
TwinTrack reverse drive	Option	Option				
QuickSteer	Option	Option				
AutoGuide (Sub-metre or dm accuracy)	Option	Option				
2 Safety cameras	Option	Option				



