

VALTRA TEAM



+ Seven tractors
**Valtra Fleet at
Dunlossit Estate**

page 10

+ AGCO and Trimble
**Joint venture opens
up new possibilities
for precision
farming**

page 12

+ Versatile Valtra
**Ideal also for
airport
maintenance**

page 14

VIP event at the factory

S SERIES DELIVERIES KICK OFF IN STYLE

page 06



EDITORIAL



Welcome to the second edition of our Valtra Team Magazine for 2024.

Since the last edition, there have been some changes within the UK & Ireland Valtra Team. Back in July we said a sad goodbye to **Alan Sanderson** who, after 21 years with AGCO, left his position of National Sales Manager for Valtra for the UK & Ireland.

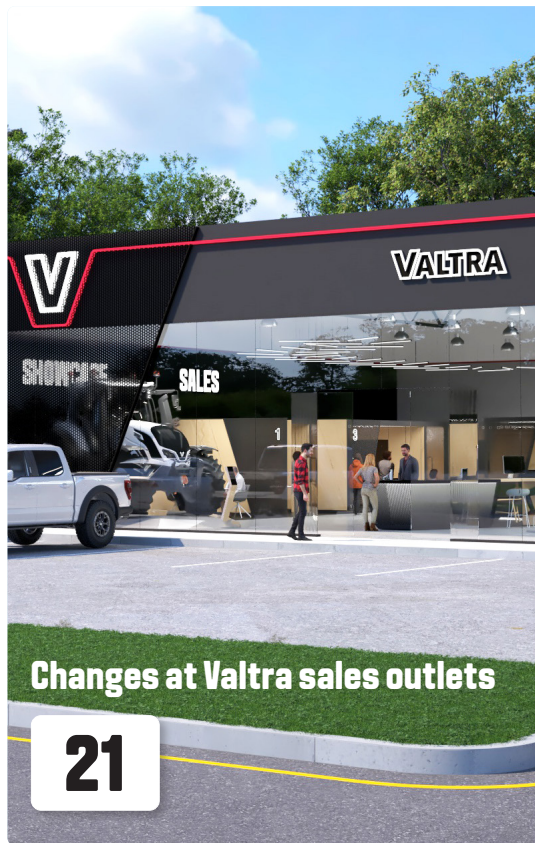
We are however pleased to announce that **Dariusz Lewandowski** has been appointed to the role of National Sales Manager for Valtra UK, Ireland & Poland from 1st August 2024.

Since joining the Valtra team in Poland in 2019, Dariusz has been leading Valtra's Polish sales and marketing team and will now lead the team in the UK and Ireland too. Welcome to the team Dariusz!

The summer has been a busy time for us. We had an amazing time at both the Royal Highland Show and The Royal Welsh Agricultural Society show - thanks to all of you who came to see us. We've also had the pleasure of supporting our fantastic dealers at some of their local and regional shows.

We will be finishing off the year over in Ireland at the Farm Tractor and Machinery Trade Association Ltd. (FTMTA) show from the 12th - 14th November at Punchestown Event Centre.

We hope to see you there!



Changes at Valtra sales outlets

21



05



10



16

INSIDE THIS ISSUE:

- 03** Premium front loaders now even more affordable
- 04** Spare parts available online already in 10 countries
- 05** G Series helping with habitat management
- 06** First S Series tractors delivered to customers in style
- 09** 15-year-old contractor Jätkä-Juho purchases G115 Active
- 10** Valtra Fleet at Dunlossit Estate
- 12** PTx Trimble opens up new possibilities for precision farming
- 14** Valtra tractors are ideal for airport maintenance
- 17** Comparison: Tyres with the best grip and fuel economy
- 18** College has access to fleet of Valtra tractors
- 21** Brand colour changes from red to black
- 22** Oldtimer: Button-operated clutch took pressure off the driver's knee



17



See more: Front loaders

Innovation

Front Loader packages


PREMIUM FRONT LOADERS NOW EVEN MORE AFFORDABLE

Based on customer needs, Valtra has introduced two special packages for front loaders. As a package, the price of the equipment is significantly cheaper than if purchased separately. Valtra is the only tractor manufacturer that has installed front loaders directly on the factory production line for decades. Nearly every third tractor manufactured in Suolahti is equipped with a front loader.

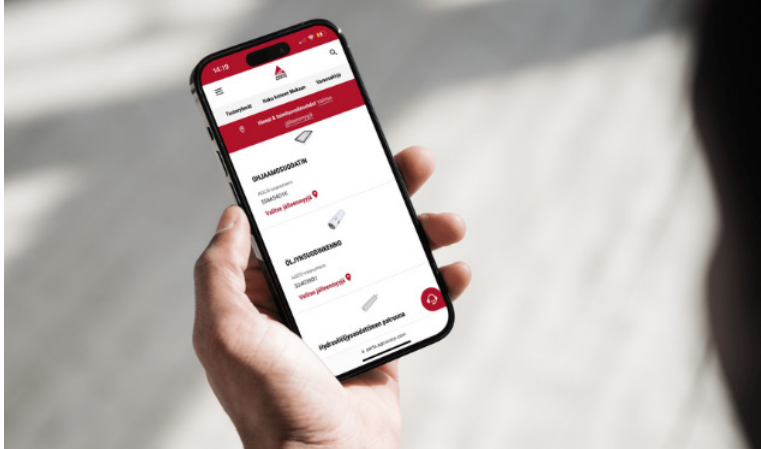
Each Front Loader package includes the customer's preferred front loader, hydraulic connectors and an accessory plate. The Front Loader Pro package also comes with a skylight, Precision Lift & Load features,

and the customer's preferred auxiliary hydraulics, such as the Live 3 feature, which allows loader implements, such as bale grip, to be operated by joystick at the same time as the loader itself. Precision Lift & Load is a smart loader scale that can weigh and calculate loads and save the data in its memory. In addition, safety limits can be set for the loader and much more, such as a convenient shake function.

The Front Loader package is available on all Valtra tractors from the A Series to the Q Series. The Front Loader Pro package is available on G-Q Series tractors equipped with the SmatTouch armrest. •

- 
- Front skylight in roof
 - Precision Lift & Load smart loader
 - Live 3 enables the simultaneous use of up to three different front-loader functions by joystick
 - Optimal weight distribution
 - SoftDrive dampens bumps during transfer journeys

NEWS



AGCO Part's online store for spare parts is already in use in several European countries. There are slight differences in its use in different countries, but in general, customers can search for and order spare parts online and to collect it at their dealership or to get their order delivered at their own doorstep.

SPARE PARTS AVAILABLE ONLINE ALREADY IN 10 COUNTRIES

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

Valtra spare parts can be ordered online in ten European countries. Customers can order spare parts online in Finland, UK, Ireland, France, Spain, Italy, Poland, Denmark and Norway. In Germany, Valtra customers can access the online store via an invitation. In addition, the online store is currently being expanded to Sweden and Turkey.

The online store has several features that make it easier to find the right spare part. Spare parts can also be purchased online and collected into the customer's favourite dealer location or shipped to the customer's doorstep. Customers can improve their experience online by registering: they benefit from functions such as saving their machines, creating wishlists and getting a quicker and easier check out process.

In addition, the online store makes it possible to check the availability of spare parts at the nearest outlets. During the evening, out of hours, or at the weekend parts availability can be checked. •

CONFIGURE YOUR OWN TRACTOR ONLINE

The Valtra website now offers an updated configurator that can be used by customers to specify a tractor that is just right for their own work, including all additional and optional equipment. Popular equipment installed by the Unlimited Studio is also included. In addition, the configurator has guidance and comparison functions for users who do not yet know which model or even model series they are interested in.

The configurations can be saved and returned to later. It is also possible to send the configured tractor to the nearest Valtra dealer and request an offer.

At the time of publication, the configurator is already in use in most European countries, including here in the UK. •

SELLING TRACTORS FOR MORE THAN 70 YEARS

Norwegian dealer **Odd Bjørn Rønning** retired in 2023 after more than 70 years in the business. He sold his first agricultural machine at the age of 14 in 1952. He retired last year at the age of 85, having sold a total of around 3700 tractors during his long career.

Rønning's father founded an agricultural store when Rønning was nine years old. Odd Bjørn Rønning took over the management of the store in 1977. The family business comprised up to seven stores in different parts of southern Norway. The company started selling Valtra tractors in 2007, and in 2017 the store was sold to the Akershus Traktor company. Rønning's two sons and one grandchild are also tractor salesmen and store managers. •

Website: valtra.co.uk

VALTRA TEAM

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G Series helping with habitat management

TWO VALTRA G SERIES TRACTORS ARE MEETING THE EXPECTATIONS OF A PROMINENT EAST ANGLIA-BASED ENVIRONMENTAL ORGANISATION

TEXT AND PHOTOS DAVID WILLIAMS

The G125 and G135 were selected by Suffolk Wildlife Trust to replace older tractors of a competitor brand. “We manage 21 reserves totalling 2,230ha,” explained South East Suffolk Sites Manager, **Andrew Excell**. “Recent acquisitions of additional land meant bigger tractors and implements were needed. “Valtra’s good reputation and reliable back-up from Thurlow Nunn Standen was an attraction. Feedback from existing owners and a demonstration confirmed suitability, so we bought the first G Series tractor and loader in 2021,

and another last year.”

Wildlife habitats include rewilded farmland, marshes, woodland and meadows which provide summer grazing for native-breed cattle, ponies and sheep. The two Valtras work with a 4.2m bat-wing rotary mower and a rear-mounted flail keeping vegetation under control. Both tractors carry out a variety of handling tasks including loading and transporting bales for winter feed.

“Our Valtras are proving to be excellent work horses, and users like them,” Andrew confirmed. •



Both tractors have G5 front loaders and carry out handling activities throughout the year. A large number of round hay and straw bales are needed for native-breed livestock which graze the wildlife habitats.



Excellent manoeuvrability and visibility were key requirements as the Valtras often work in confined spaces including inside traditional farm buildings.



The Suffolk Wildlife Trust South East Suffolk team manages approximately 2,230ha of wildlife habitats across 21 reserves. The G135 is pictured maintaining firebreaks in rewilded farmland beside the River Deben.



Andrew Excell is pictured (left) with Meadows & Heaths Warden, Ben Calvesbert.



Customer deliveries of the new 6th generation S Series begin

FIRST S SERIES TRACTORS DELIVERED TO CUSTOMERS IN STYLE

Production of Valtra's largest horsepower tractor, the S Series, is in full swing, and since September tractors have started to be shipped to customers. To celebrate the start of deliveries, Valtra invited the first S Series customers to a VIP event to the Valtra factory in Suolahti, Finland. More than 40 people from seven different European countries participated in the Valtra BOSS Delivery Event.

TEXT KATJA VUORI PHOTOS VALTRA ARCHIVE

Valtra surprised the first fifty customers who invested in the new S Series with personal VIP invitations to the Valtra factory in Finland. The Valtra BOSS Delivery Event that was organised in their honour took place on a sunny Wednesday in September. The programme included many VIP experiences,

from a celebratory handing over of the keys to a test drive experience, a comprehensive tractor handover event and a guided factory tour.

Matti Tiitinen, Vice President, Sales & Marketing at Valtra, emphasises the importance of a continuous relationship with Valtra's customers: "We proudly invited our first S Series

customers to visit our home in Suolahti. We know that the S Series tractor is a great machine for them. As we continue to invest in our dealer network in terms of know-how, capabilities and the brand, our customers will continue to get the best tractor experience years from now!" •



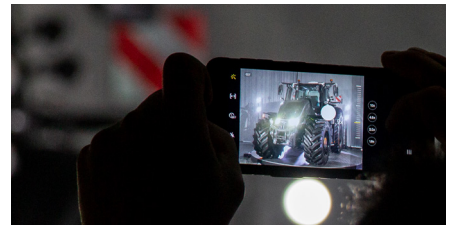
The celebrations also included handing over the keys to each customer personally. Valtra Sales Director Matti Kallio (on the left) hands a stylish wooden key box to Joanny Devambe, who arrived from France



Valtra Managing Director Mikko Lehikoinen welcomed the VIP guests to the two-day event.



The atmosphere at the evening banquet was relaxed and friendly. Before dinner, the guests could taste Finnish treats such as lingonberry-cranberry mocktails. Pictured here is Andrea Capitanio, a VIP guest from



The S Series was unveiled from behind the curtains to the accompaniment of music and special effects.



Among the VIP guests were customers and their spouses from Belgium, Germany, Spain, France, Denmark, Italy and Switzerland.



Danish customer Thomas Nielsen purchased three new S Series tractors.



The guests got to enjoy a guided tour of the Valtra factory, which was one of the highlights of the event for many. In the photo, three generations of the Van Pyumbrouck family, who arrived from Belgium, are walking through the factory. Both the daughter and her father and grandfather each chose a new S376 tractor, so Van Pyumbrouck's farm will see three new Valtras alongside their previously purchased N, T and Q Series tractors.



Dennis Rieke and Fenja Luebkekmann, a couple from Germany, being filmed in front of a tractor on the test track. According to Peter Kogel, National Sales Manager for Germany, the customers were happy that the handover of their new tractor took place at the factory – at the same time they got to see how a Valtra tractor is born.



The day culminated in a cosy three-course dinner in a Finnish milieu at Savutuvan Apaja.

WATCH HIGHLIGHTS FROM THE VIP EVENT ON YOUTUBE

Now you too can experience the atmosphere!
Watch the video on YouTube and enjoy the highlights!



School, firewood, log torches and birdhouses

15-YEAR-OLD CONTRACTOR JÄTKÄ-JUHO PURCHASES G115 ACTIVE

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE



Juhon Kemppainen, also known as Jätkä-Juho, turned 15 at the start of the summer and finally got his tractor driving license. Having started working as a contractor at the age of just 11, he can now drive his tractor also on public roads.

“I drive around 500 hours a year with my G115 Active. I mainly use it to transport wood in the farmyard and timber terminal, as we produce firewood, log torches and birdhouses. The tractor is equipped with a front loader, block-pattern tires and usually a Kesla forest trailer with a loader at the back. So far, this tractor has never been in the field,” Jätkä-Juho adds.

The firewood, log torches and birdhouses produced by Jätkä-Juho are sold throughout Finland in Puuilo stores. The quantities are considerably large, and the store chain highlights the producer's young age in its marketing.

“In practice, this is the main occupation for the two of us. Juho is involved as much as his schoolwork allows. But during

busy times, mother, father, uncle, grandmother and one friend have also worked here,” says older sister **Taru Kemppainen**, referring to her husband **Toni Ahokas** as the other full-time employee.

Entrepreneurs by chance

The company was born by chance, when Jätkä-Juho made log torches for a Christmas market and they were then used at an event that was attended by the owner of the Puuilo chain. He really liked the log torches, which were easy to light and burned nicely, as well as the story behind Jätkä-Juho. Later, Jätkä-Juho's 40-litre firewood sacks and birdhouses were also added to the store's selection.

The birdhouses and log torches are made on Juho's home farm in Hyrynsalmi, where the forests stretch in every direction as far as the eye can see. The firewood is produced at the timber terminal in the centre of town. Jätkä-Juho's company is one of the largest firewood manufacturers in Finland that dries wood naturally without heating.

Of course, Jätkä-Juho will not be the youngest tractor contractor in Finland forever. So far, however, the company is doing well, and Jätkä-Juho always works there in his free time and holidays.

“I am now in my last year of my basic education, and after that I thought I would study to become a forest machine operator. A relative has a forest machine company that I could drive for after graduation. Let's see what the company does after that,” says Juho. •

How to make a log torch

1. Cut a log approximately 75 centimetres long from a completely dry tree trunk 10 to 20 centimetres in diameter
2. Place the log vertically and saw it crosswise about 50 centimetres from top to bottom
3. Drill a hole about 20 centimetres deep at the intersection of the cuts, into which firestarter can be added

Log torches give light, warmth and atmosphere. A log torch made from a dried conifer also smells good. You can even boil water or grill food on top of the torch, which burns for about 2 to 3 hours.





The 7,500ha Dunlossit Estate, remotely located on the Isle of Islay, relies on a fleet of seven Valtra G-, N- and T-series tractors supplied and looked after by R&R Machinery, part of the Hamilton Ross Group for its farming, environmental and forestry enterprises.

Valtra tractors proving popular

VALTRA FLEET AT DUNLOSSIT ESTATE

For a large Scottish Estate in a remote island location, seven Valtra tractors are providing the reliability and working efficiency needed and are popular with those using them in a wide variety of applications.

TEXT AND PHOTOS DAVID WILLIAMS

The family owned Dunlossit Estate is on Islay - in the Inner Hebrides. Most of the estate's 7,500ha is grassland and forest, although a small acreage of barley is grown for distilling whisky – a product for which the island is renowned worldwide. Three main farms are individually managed, and the estate's livestock includes

pedigree Highland Cattle as well as commercial breeds which are predominantly Limousin, all with High Health status. There are also 1,500 breeding ewes which are a mix of native and commercial breeds.

Additional enterprises include a commercial limestone quarry and a forestry division producing woodchip biomass for heating homes and

businesses including a hospital and schools. Investment in forestry plantations and peatland restoration help maintain a balance between the estate's commercial farming activities and protecting the environment.

When woodchip production started in 2016, a Valtra T154 was purchased to power the new chipper. "It was our first Valtra, so everyone

was keen to try it,” explained Estate Manager, **David Gillies**. “The reliability was excellent, and as other tractors were updated then their users requested Valtras too. Our current fleet of seven main tractors comprises G, N, and T Series models.”

Since changing to an all-Valtra fleet, the tractors have impressed with their versatility. “One of our N Series tractors feeds silage to indoor cattle, hauls and applies slurry, transports draff from the distillery for livestock feed, cuts and prepares grass for silage and does the arable field work around the barley crop, but then it occasionally hauls stone from the quarry too. Valtras can do that,” stressed David.

The remote location means reliable tractors are essential, but dealer back-up is just as important. “We are well looked after by R&R Machinery, part of the Hamilton Ross Group,” confirmed David. “When tractors are due for updating then we discuss the use and agree a suitable specification with Valtra Brand Manager, **Brian Hamilton**. We listen to the operators too. The cabs are their offices, and they often spend more time in them than in their own homes.”

An extended warranty and service package is purchased. “The excellent reliability means we probably wouldn’t bother with an extended warranty if we were on the mainland but, based on a rock in the Atlantic, the fixed costs of ownership are reassuring. Valtra tractors do everything we need them to in an extremely harsh, salt-soaked environment, but they give us very few problems. Why would we change?” he concluded. •



Alan and Jeannie Hogg use a G125 Hi Tech with a Valtra front loader to manage a herd of pedigree Highland Cattle on rough, mountainous terrain. They praise the excellent comfort and ease of use, and its stability which is essential for handling 1,000 round silage bales per year on the uneven ground.



The Valtra N135 used by Stockman, Raymond Fletcher carries out a particularly wide range of tasks, including field work for barley grown on the estate. Raymond (pictured) describes the ride comfort as ‘brilliant’, and he said that in the 800 working hours since the tractor arrived it has had only one minor fault.



Foresters, Peter MacGregor and Andrew Swanson (in the cab) say their Valtra G125 and T155 have generous ground clearance and plenty of power to pull heavy loads.



Two Valtras are used by the forestry team to produce woodchip biomass, used for power and heat production. For loading softwood and operating the chipper, the Valtra’s rotating seats are a significant advantage.



Stockman, John Morris uses an N135 HiTech to look after a herd of commercial beef cattle and a large flock of sheep. Tasks include feeding silage, mucking out, loading and handling straw and hauling draff from the island’s distilleries for use as feed. John is pictured with his daughter, Lauren, who is completing her farming apprenticeship on the estate.

AGCO and Trimble form new joint venture

PTx TRIMBLE OPENS UP NEW POSSIBILITIES FOR PRECISION FARMING

Last April, AGCO acquired Trimble's precision farming business, with Trimble remaining a minority owner in the new company. PTx Trimble offers versatile precision farming solutions for both factory installations and retrofitting, also for non-AGCO machines. Precision farming equipment helps farmers improve their productivity and meet the targets of environmental requirements. The new company's product and service selection is very broad, ranging from precision farming equipment for tractors to water management systems for fields.

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

PTx Trimble

- Joint venture of AGCO and Trimble
- Ownership: AGCO 85%, Trimble 15%
- Combines AGCO's former precision farming functions and Trimble's agriculture functions
- Offers global precision farming solutions to farmers, also for non-AGCO tractors, harvesters and implements
- AGCO's precision farming business expected to generate revenues of USD 2 billion by 2028



The 2002 Valtra 8400 tractor belonging to Finnish grain farmer Patrick Ståhls has been retrofitted with Trimble automated steering, ISOBUS implement management and Logmaster telemetry. The purchase price of less than 10,000 euros has already been paid back many times over in lower fuel and fertiliser costs.

AUTOMATED STEERING AND ISOBUS RETROFITTED ON 22-YEAR-OLD VALTRA 8400

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

The Valtra 8400 of Finnish grain farmer **Patrick Ståhls** is a good example of how even an older tractor can be retrofitted with precision farming features. Ståhls cultivates a 175-hectare grain farm in Loviisa, Finland, as a part-time job and works at the local Valtra service dealer as a spare parts salesman.

"My old tractor has automated steering, ISOBUS implement control and Logmaster telemetry. The automated steering has already been in use for ten years, the ISOBUS for just a year and the telemetry for six years," says Ståhls.

In addition to the Valtra 8400, his farm has a Valtra N154 Versu from 2016 and a Sampo 2065 combine harvester from 2011. The N154 also has Trimble precision farming equipment, and the Sampo has had crop mapping equipment since 2018. The systems communicate well with each other, and also with the cultivation planning software. The antenna and display can be easily

transferred from one machine to another.

"Maps, waylines and other information can be easily sent from one machine to another and to the farm's computer. If the N154 had Valtra's own automated steering, maps could also be exchanged with it. My Väderstad Rapid seed drill also communicates with the ISOBUS on the 8400 without any problems."

Technology quickly pays for itself

The updates made by Ståhls to his Valtra 8400 tractor have cost around 8000 euros. Since the automated steering was installed ten years ago, today the price of the package would be slightly higher.

"If you calculate that the technology avoids reversing on headlands plus 50 cents of overlap on each wayline, then you can see how quickly it pays for itself in fuel and fertilisers. They also make my work much easier."

For example, Ståhls spreads

fertilisers on his fields on a site-specific basis. He makes a fertilisation map based on the data collected by the harvester's crop mapping

"If you calculate that the technology avoids reversing on headlands plus 50 cents of overlap on each wayline, then you can see how quickly it pays for itself in fuel and fertilisers."

equipment and the amount of green mass visible from satellite images.

"I don't spray my own fields, because they are organic, but I have made waylines for customers for spraying their own fields. It's pretty light contracting. For example, a neighbour may ask me to make waylines for a 16-metre sprayer because he doesn't have automated steering, and then he can do the actual spraying himself." •

Low costs, versatility and advanced automated features

VALTRA TRACTORS ARE IDEAL FOR AIRPORT MAINTENANCE

The use of Valtra tractors at airports has increased rapidly in recent years. Tractors are usually more versatile and less expensive than specialised machinery designed only for a single task, such as brushing, snow ploughing or transporting. Automated features that were originally developed for precision farming, such as automated steering, section control, variable rate control and remote monitoring, have also proven to be useful at airports.

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

The range of uses of tractors has long since expanded from fields to forests, road maintenance, mines, defence forces and also airports. In these tasks, tractors easily outperform specialised machinery due to their versatility. Tractors can be used to transport, load, mow, harrow, plough, sand, pull suitcase trolleys and perform dozens of other tasks, all with the same machine. This means a lot of working hours per year compared to an expensive specialised machine that may only be used for a few dozen hours a year.

For example, compared to road maintenance and municipal contracting tasks, airports often cover huge areas and schedules are tight. While normal streets can usually be ploughed throughout the entire morning after a snowfall, a runway often has to be cleared in 15 minutes. Also, a standard 2.5-kilometre and 60-metre-wide runway covers an area of approximately 15 hectares. In addition, the green areas around the runway are much larger than the runway itself and must be mowed,

and the numerous aircraft parking areas, taxiways and car parking lots also need to be maintained.

Although precision farming technologies have been developed for field work, they have also proven to be surprisingly useful in many types of contracting.

Automated features also help at airports

Although precision farming technologies have been developed for field work, they have also proven to be surprisingly useful in many types of contracting. For example, automated steering can be used to plough the desired waylines in heavy snow when it is not possible to see the edges of the runway at the airport. Variable rate control and section control in turn make it possible to apply expensive anti-slip chemicals exactly in the right amount without overlapping or

leaving gaps. Remote monitoring is helpful not only for maintaining the tractors but also for managing operations, since it is vital to know exactly where a vehicle is moving at any one moment to ensure safety at the airport. Headland automation meanwhile eases the driver's workload when turning at the end of the runway.

In 2019, Valtra tested the automated snow ploughing of the runway at the northernmost airport in the EU in Ivalo in Finnish Lapland. In this trial, remote-controlled tractors removed the snow from the airport using wide snowploughs and towable blowers without drivers. At the time, this was still an R&D project, but a commercial application is coming in the future.

At Valtra's Unlimited Studio, tractors can be fully equipped for airport tasks at the factory. For airport tasks, typical accessories include yellow paint, rotating and flashing beacons, a VHF radio, a front linkage or front loader, and tyres with independent tread blocks. •



A Valtra T215 Direct mowing at Visby Airport in Sweden. Swedavia, which operates Swedish airports, has procured eight Valtras for airport tasks, and an agreement has already been signed for an additional purchase in 2026.

VALTRA TRACTORS AT WORK AT SWEDISH AIRPORT



Swedavia operates ten airports from Kiruna in northern Sweden to Malmö in the south. The company standardised its fleet of tractors and implements working at different airports in 2023. Swedavia signed a purchase agreement with local Valtra representative Lantmännen Maskin for 2023 and 2026. Last year, a total of eight Unlimited-equipped Valtra T215 Directs were procured for its airports

at Östersund, Umeå, Gothenburg and Malmö.

Valtra has developed solutions for airport maintenance work that enable its tractors to perform a wide range of different tasks with many different implements. Swedavia's fleet runs on fossil-free HVO 100 diesel. Swedavia has been fossil-free in its own airport operations since 2020, and its climate emissions are the lowest in the

industry in the entire world.

Valtra tractors are used at Swedish airports for many different tasks, including snow removal, sandblasting, transporting materials and mowing both larger and smaller grass areas.

For example, at Östersund Airport in the north of Sweden, two Valtra tractors are used for tasks that would normally require several different specialised machines. •



WHY WAIT? GET YOURS **RIGHT NOW.**



Thinking of changing your tractor? Our new fifth generation A, G, N and T Series tractors are in **stock** ready for delivery NOW. Special priced option packages also available.

So why wait? Don't miss out! Contact your local Valtra Dealer **TODAY** to find out more.



Scan here for more information or to request a quote

VALTRA

YOUR WORKING MACHINE

Nokian Tyres Soil King VF

COMPARISON TEST REVEALS: BEST GRIP AND FUEL ECONOMY

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

Nokian Tyres Soil King VF tyres performed excellently in the DLG (Deutsche Landwirtschafts-Gesellschaft) comparison test. These tyres reduced fuel consumption by 3 to 8 percent on the road and in the field, slippage was 2 to 4 percent lower in the field, and work performance was 6 to 7 percent better than the other premium VF tyres that were tested. Nokian Tyres Soil King VF tyres are now available for Valtra Q and S Series tractors in several different sizes.

“The biggest difference between VF tyres and conventional tyres is that they carry about 40 percent more load. This enables very low tyre pressures in the field, which prevents soil compaction. Soil Kings can be used at pressures of 0.6 to 2.8 bar,” says **Tero Saari**, Product Manager at Nokian Tyres.

All VF tyres are flexible, but the real challenge is to keep them stiff and maintain good drivability at the same time. Nokian Tyres has managed to achieve this as a result of its own research work and structural solutions.

“We are the only premium manufacturer that uses steel belts instead of textile belts in VF tyres. In addition, the tread pattern of the tyre is exceptional. The extended and supported patterning of the central area prevents the rib from twisting at high speeds and heavy loads, which stabilises drivability. The contact surface is the largest in the industry.” •



Nokian Tyres Soil King VF stands out from other VF tyres thanks to their steel belts and exceptional tread pattern.

Soil King VF vs Premium competitors VF

Fuel consumption	- 3–8%
Slippage	- 1–4%
Hectares per hour	+ 6–7%

DLG Powermix test 2022 involving several different tasks and speeds on fields and roads.

UPGRADED CTIS PRO TYRE INFLATION SYSTEM AVAILABLE FOR Q AND S SERIES TRACTORS

An upgraded CTIS central tyre inflation system is now available from the Unlimited Studio as an option on Q and S Series tractors. The CTIS Pro system has its own, separate and more efficient compressor, which can inflate the tyres three times faster than the standard CTIS system that uses the tractor’s own compressor. The system is operated via ISOBUS and its yield is 2000 litres per minute. The CTIS Pro system is particularly effective with VF and IF tyres, which can work in the field with pressures of 0.8 bar and drive on the road with pressures of 2.0 bar. With the help of the CTIS system, the pressures can be changed in just a few minutes without having to climb out of the cab. •



Plumpton College Year 1, T level students with the three new Valtra tractors supplied for operator and maintenance training by Crawfords. The college Farm Manager, Rodney Phair is on the left, and Machinery Lecturer, Clive Brickell is on the right.

Students in training

COLLEGE HAS ACCESS TO FLEET OF VALTRA TRACTORS

TEXT AND PHOTOS DAVID WILLIAMS

Students and apprentices at one of the UK's leading land-based colleges now have permanent access to a fleet of modern Valtra tractors for training, thanks to a strategic partnership agreement with the local AGCO dealer.

Plumpton College, in East Sussex, provides land-based and environmental training to 5,000 students annually. The college incorporates a 780ha mixed livestock and arable farm, and a successful vineyard. Since May this year, an initial three-year agreement between Crawfords Group and the college means that three new N and G Series tractors are always on-site and available for training. One has Valtra's SmartTouch Extend GPS guidance system which will be transferred to new tractors as the fleet is updated twice each year.



Machinery Lecturer, Clive Brickell (left) with Farm Manager, Rodney Phair. Rodney says that providing access to the modern, capable Valtra tractors means that students can carry out farm tasks using modern implements, while learning at the same time.

The college farm also owns a T175, purchased last year. "It's reliable, comfortable and easy to use," said Farm Manager, **Rodney Phair**. "I work closely with the students and having these Valtra training tractors has enabled the students the opportunity to work on the farm

using our equipment, which aids farm productivity and student learning."

Machinery Lecturer, **Clive Brickell** says the Valtras are just what students need, as future employers will expect familiarity with the latest technology. "We are extremely grateful to Crawfords

and especially **James Parrett** and **James Strivens** - a former student, who were instrumental in setting up this partnership. "For any college it would be extremely hard to afford an equivalent tractor fleet, but with Crawfords we can offer students the latest models available." •



Machinery Lecturer, Clive Brickell talks Year 1, T level student, Eibhi Simmons through the SmartTouch terminal.



Machinery Lecturer, Clive Brickell with students, Eibhi Simmons and Max Robinson. Eibhi is training for a career working with livestock and hadn't driven tractors before training on the new Valtras. "This is what we will use on farms in future," she said. "We won't be going backwards in terms of technology, so learning on these state-of-the-art Valtras gives us an advantage."

"For any college it would be extremely hard to afford an equivalent tractor fleet, but with Crawfords we can offer students the latest models available."



Machinery Lecturer, Clive Brickell supervises Year 1 students negotiating an obstacle course on one of the three new Valtras supplied by Crawfords.

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The main colour of Valtra sales outlets will change from red to black.

New look for Valtra sales outlets

BRAND COLOUR CHANGES FROM RED TO BLACK

TEXT TOMMI PITENIUS PHOTOS VALTRA ARCHIVE

Valtra sales outlets all over the world will change their brand colour to black over the next few years. In Europe, Asia, Africa and Australia, the accent colour will remain red, whereas in Brazil and other parts of South America, Valtra's accent colour will remain yellow. At the same time, the grey 3D-effect logo will be discontinued and replaced by a simpler outline logo.

"The changes will be introduced at a natural pace, but within the framework of the transition period. The new look will be introduced, for example, every time a new sales point is opened, and also at existing sales points within a couple of years. The changes will also be reflected in other Valtra materials. The Valtra slogan "Your Working Machine" will remain unchanged," says **Jussi Valkonen**, Manager, Brand Experience, Digital Marketing & Dairy.

Valtra tractors have been available in many different colours for decades. As a result, Valtra tractors are not

identified so much by a specific colour as with other tractor brands that only offer their tractors in one colour. AGCO as a whole has also been taken into consideration in the changes, which will help Valtra stand out better from red Massey Ferguson tractors.

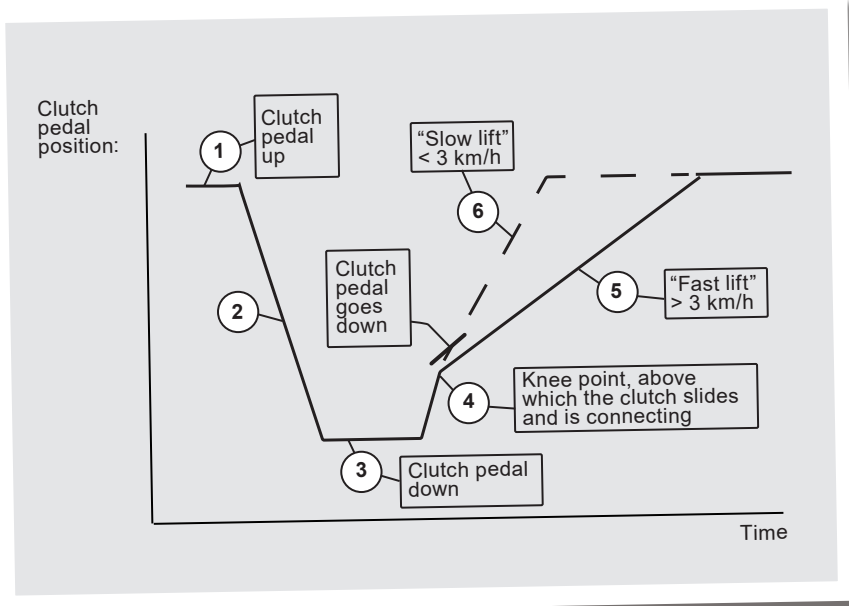
Precise guidelines and an order system for the new look will be provided to dealers and importers.

"The guidelines present the visual appearance that our sales points should maintain. The guidelines can and should be applied, but the general appearance must correspond to the guidelines."

Valtra's new sales outlets will be mainly black on the outside, while their facades will still have the familiar V logo and a thin red streamline. Inside, the sales points will feature an island-like V-shaped service desk and various meeting places. The customisation possibilities offered by the Unlimited Studio and Valtra's impressive range of technologies have been taken into



Following the changes, Valtra sales points will share the same look not only within Europe but also in South America. The main colour will be black, but the accent colour will be yellow in South America and red in Europe.



The operation of the HiShift was explained in detail in the owner's manual.



BUTTON-OPERATED CLUTCH TOOK PRESSURE OFF THE DRIVER'S LEFT KNEE

At the beginning of the 1990s, tractor manufacturers began to replace traditional single-disc clutches with hydraulic multi-disc clutches. These were controlled hydraulically using valves, requiring less direct physical force from the driver's left leg. Multi-disc clutches for the power take-off had already become common earlier. At that time, the Valmet 6000 and 8000 Series were new, but they had been introduced to the market with a traditional dry clutch – meaning hard work for the driver's left knee. New solutions were intensively researched, but the development work took time. In the meantime, it was decided to introduce a button-operated mechanical clutch as a quick fix.

The idea of using a hydraulic cylinder to push down the clutch pedal was by no means new, but the widely varying operating situations made it a challenge. From the beginning, Valmet's starting point was two

basic operating situations: quick engagement when changing gear – when the tractor is moving – and a soft start from zero. These two situations were determined by measuring the driving speed. Each of the three gear levers was equipped with a push button to operate the clutch. The most obvious advantage of the button was when changing gear in a moving tractor. Pressing the button was followed by a kind of thump as the pedal went to the floor, and the gear change was easy.

Pressing the button was followed by a kind of thump as the pedal went to the floor, and the gear change was easy.

When starting off, and especially in tight spaces, the button-operated clutch could not compete with the foot of a skilled driver. As a result, many users simply pressed the

pedal down with the button and then managed a soft start by footwork.

The clutch got its power from the tractor's low-pressure hydraulics and the operation was easily adjustable, both starting off and shifting at speed. A button-operated clutch was also quickly developed for the A Series, even though it did not have actual low-pressure hydraulics.

Product development resources were increased in the 1990s. However, it was not until the end of 1998 that a new forward-reverse shuttle was introduced. Namely, the goal had moved higher: what was wanted was a solution that works in all seasons, as well as smoother powershift gears. The forward-reverse shuttle on HiTech models was praised as the best on the market, and it quickly replaced the old solutions. In the A Series, on the other hand, a dry clutch – and a button-operated clutch – was used until 2011. •



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Valtra Models



F Series

MODEL	MAX. HP*
F75	75
F95	90
F105	103



A Series

MODEL	MAX. HP*
A75	75
A85	85
A95	95
A105	105
A115	115
A125	125
A135	135

All A Series models are available with the HiTech (12+12R) transmission. A75–A95 models are also available with the HiTech2 transmission and A105–A115 models with the HiTech4 transmission.



G Series

MODEL	MAX. HP*	
	STANDARD	BOOST
G105	105	110
G115	115	120
G125e	125	130
G135	135	145

All G Series models are available with the HiTech, Active or Versu transmission.



N Series

MODEL	MAX. HP*	
	STANDARD	BOOST
N135	135	145
N155e	155	165
N175	165	201

N Series models are available with the HiTech, Active, Versu or Direct transmission.



S Series

MODEL	MAX. HP*	
	STANDARD	BOOST
S286	280	310
S316	310	340
S346	340	370
S376	370	400
S396	400	420
S416	420	420



Q Series

MODEL	MAX. HP*	
	STANDARD	BOOST
Q225	230	250
Q245	245	265
Q265	265	290
Q285	285	305
Q305	305	305



T Series

MODEL	MAX. HP*	
	STANDARD	BOOST
T145	155	170
T155	165	180
T175e	175	190
T195	195	210
T215	215	230
T235	235	250
T235 Direct	220	250
T255	235	271

T Series models are available with the HiTech, Active, Versu or Direct transmission with the exception of the T255 model, which is available with the HiTech, Active or Versu transmission.



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