

VALTRA
Power Partner

VALTRA INTRODUCES
**NEW CLEVER
N AND T
VERSU
MODELS**

THE NEW VERSU MODELS
FEATURE A BRAND-NEW
INTELLIGENT TRANSMISSION
THAT IS INCREDIBLY
EASY TO USE.



NEW VERSU MODELS



POWER *of* CHOICE

VALTRA
VERSU MODELS

- N122 Versu
- N142 Versu

- T132 Versu
- T152 Versu
- T162e Versu
- T172 Versu
- T182 Versu
- T202 Versu

The new Versu models are class-leading tractors. The proven reliability and user friendliness of the new transmission increase productivity.

VALTRA IS ONCE AGAIN AHEAD OF ITS TIME

The brand new transmission developed by Valtra makes Versu models the most modern tractors in their class. The user-friendliness and familiar Valtra ergonomics are beyond compare. The new clever tractors offer easiest to use automatic powershift in the market, efficient versatility and excellent output in hydraulics. New high torque engines and high user-friendliness in the roomy cab gives all tools for productivity.



VALTRA A LA CARTE OFFERS MORE CHOICES THAN EVER BEFORE



For us at Valtra, custom-built means offering true alternatives and real freedom of choice for you. The tractor that you specify together with your Valtra dealer is made just for you, and each individual meets your specific needs. In this way each new Valtra tractor becomes a productive and reliable partner for its owner. No other tractor manufacturer offers this. The price of your custom-built tractor is also limited to the exact features that you specify and the parts that are manufactured specifically for your tractor. Your custom-made Valtra tractor is as individual as your needs.

MORE WAYS TO CUSTOMISE YOUR TRACTOR ACCORDING TO YOUR NEEDS

Find out more about the new Versu models and their revolutionary technology on our website www.valtra.com

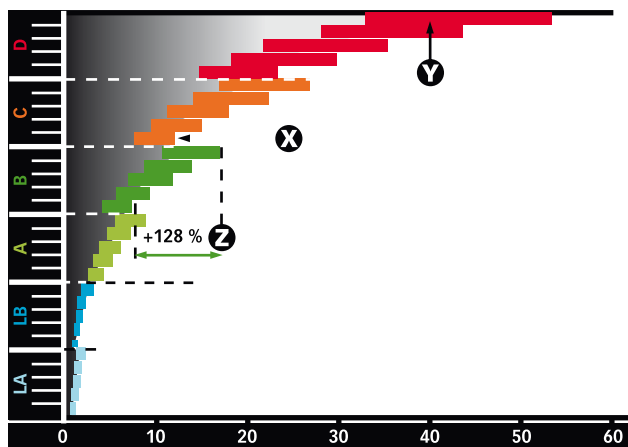
NEW USER-FRIENDLY PUSH-BUTTON TRANSMISSION

The new intelligent powershift transmission is standard on all Versu models. The transmission is controlled by three push buttons on the ultra-ergonomic driver's armrest.

OPERATING A TRANSMISSION DOESN'T GET ANY EASIER THAN THIS.

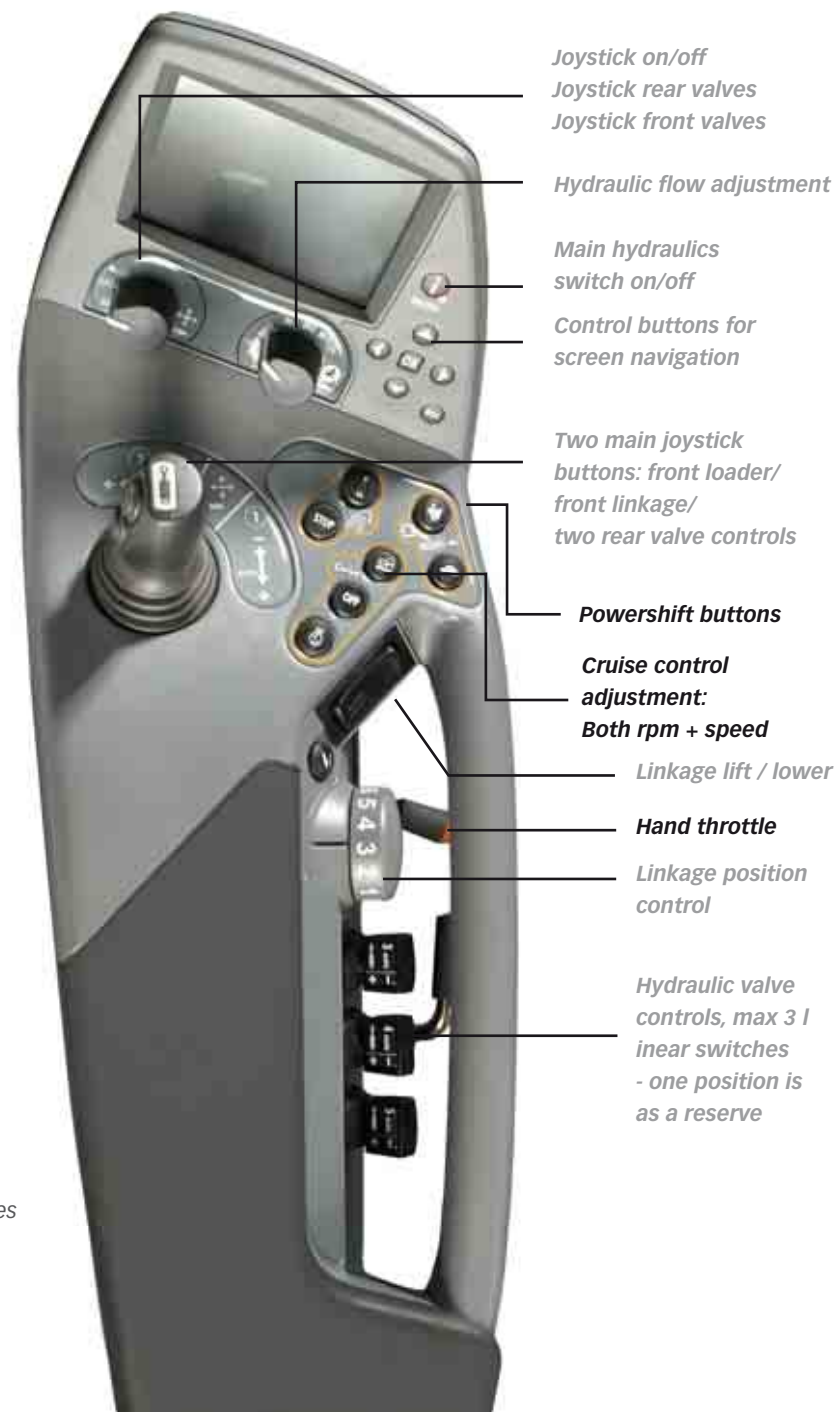


The electrohydraulic transmission is operated using three push buttons. Buttons 1 and 2 control the powershifts, while the third button controls the gear range. Two automatic settings (Auto 1 and Auto 2) are also available, providing up to 10 automatic gears. Combined with superb ergonomics, the ease of operation allows the driver to focus on the work.



The new intelligent powershift transmission offers a wide range of speeds

- Start-up speed using C range as low as 5 km/h at 1000 engine rpm (X)
- EcoSpeed 40 km/h at 1800 engine rpm (Y)
- Creeper speeds as standard
- Speed matching when shifting the ranges
- Excellent overlapping between ranges
- Full push-button switching, even between speed ranges
- Speed can be increased from 1st PS step to 5th PS step 128 % (Z) at constant rpm
- Same speeds F / R
- "Auto 1" an factory-optimised setting for automatic speed change
- "Auto 2" automatic program for speed changes which can be set according to drivers needs
- AutoTraction



Joystick on/off
Joystick rear valves
Joystick front valves

Hydraulic flow adjustment

Main hydraulics switch on/off

Control buttons for screen navigation

Two main joystick buttons: front loader/ front linkage/ two rear valve controls

Powershift buttons

Cruise control adjustment: Both rpm + speed

Linkage lift / lower

Hand throttle

Linkage position control

Hydraulic valve controls, max 3 l inear switches - one position is as a reserve

EVEN MORE ERGONOMIC CAB



The excellent ergonomics that are common to all Valtra tractors have been retained on the new Versu models, including the familiar shuttle and Advance armrest. On the new models the armrest houses all the main controls, including the pushbuttons for operating the multistep transmission.

The cab layout on Versu models is extremely clean and straightforward. The biggest change is the absence of gear levers, as the transmission is now controlled by buttons on the armrest.

TOP N SERIES MODELS N122 VERSU AND N142 VERSU



The new Versu models are the most powerful in the N Series. Thanks to the new transmission, the power of their AGCO Sisu Power Citius 44 CWA and 49 CWA-4v engines can be harnessed even better. The N Series Versu models offer the best torque in their class, starting from 540 Nm / 1500 rpm and extending to 650 Nm / 1500 rpm. The excellent ergonomics and cab on the N Series reflects Valtra's careful design work and individual-based philosophy. The N Series cab has been designed around the driver, and operating the tractor has been made simpler than ever.

The new Versu models come with load sensing closed circuit hydraulics with an output of 115 l/min as standard and 160 l/min as an option as an option, the most efficient in it's class. The new hydraulics is extremely easy to use with up to 7 valves and 2 on/off valves + power beyond.



TECHNICAL INFORMATION VALTRA N VERSU



Dimensions (mm), with front tyres 16.9R28 16.9R28, with rear tyres 20.8R38 20.8R38

Valtra	N122 Versu	N142 Versu
Length	4 534	4 534
Width	2 338	2 338
Height to the roof	2 945	2 945
Height to the exhaust pipe	2 784	2 784
Wheel base	2 565	2 565
Front axle ground clearance	525*	525*
Rear axle ground clearance	550	550

* Same with front axle suspension when the front axle is in the middle of the suspension area.

Weights (kg), with tyres 18.4R38, total weight with full fuel tank and without ballast weights

Valtra	N122 Versu	N142 Versu
Total weight	5 350*	5 350*
Front axle weight	2 155 (40%)*	2 155 (40%)*
Rear axle weight	3 195 (60%)	3 195 (60%)

* With industrial front axle 140 kg heavier. Total weight with the front axle suspension is 150 kg more.

Valtra	N122 Versu	N142 Versu
Designation	44CVA	49CVA-4V
Normal output, kW(hv)/r/min ISO 14396	98/(133)/2200	110/(150)/2200
With transport boost	101/(137)/2200	113/(154)/2200
Max output, kW(hv)/r/min ISO 14396	101/(137)/2000	112/(152)/2000
With transport boost	106/(144)/2000	118/(160)/2000
Max torque, Nm/r/min ISO 14396	560/1500	600/1500
With transport boost	600/1500	650/1500
Visco fan	Standard	Standard
Number of cylinders/litres	4/4,4	4/4,9
PTO, power take-off shaft	6-spline, diameter 35 mm standard (21, 20, 8 and 6-spline optional)	
PTO 540 r/min, engine 1874 r/min + PGS PTO		
PTO 1000 r/min, engine 2000 r/min EHD + PGS PTO		
PTO 540E r/min, engine 1539 r/min + PGS PTO		
540E/1000 r/min + Ground speed PTO		
Transmission	30 forward + 30 reverse, 0,6-40 km/h	
Clutch	2 wet multi-disc clutches	
Power shuttle	Electro-hydraulic	
Powershift	5 step	
4WD		
Differential lock	electrohydraulically controlled multi-disc differential brake, simultaneously controlled with rear axle differential lock	
Parking brake	Electro-hydraulically controlled with shuttle lever	
Hydraulics		
Autocontrol DS, slip-control	Standard	Standard
Pump capacity, l/min	115/160	115/160
Max pressure, bar	205	205
Lifting capacity at the end of the lifting links, kg	8100	8100
Lower link type	III	III
Steering	Hydrostatic, adjustable, telescopic steering column	
Turning radius, m	4,75	4,75
Fuel tank, l	220	220
Brakes	Hydraulically controlled multi-disc type brakes with wet discs	
Voltage	12 V	12 V
Starter motor	3.0 kW	3.0 kW
Alternator	120 A	120 A
Battery	174 Ah	174 Ah

**THE VERSU MODELS HAVE BEEN DESIGNED TO
ENHANCE THE FAMILIAR ADVANTAGES OF
THE N SERIES**



THE WIDE RANGE OF T SERIES VERSU MODELS MAKES IT EASY TO FIND YOUR OWN PERSONAL FAVOURITE



The user-friendliness, ergonomics and transmission benefits of the new T Series Versu models demonstrate Valtra's comprehensive approach to technical issues and driver comfort. All details have been designed to work together in order to achieve greater productivity. This way of thinking combined with technical reliability are the cornerstones of Valtra's philosophy. Valtra tractors are an economical investment throughout their entire lifespan.

The new intelligent powershift transmission makes the T Series competitive in all areas. The driver can control the driving speed with great precision thanks to the tractor's user-friendliness and advanced automation. Powerful load sensing hydraulics and the enormous torque guarantee efficient and economical work.

The new T Versu models come with load sensing closed circuit hydraulics with an output of 115 l/min as standard and 160 l/min as an option as an option, the most efficient in its class. The new hydraulics is extremely easy to use with up to 7 valves and 2 on/off valves + power beyond.



TECHNICAL INFORMATION VALTRA T VERSU

Dimensions (mm)

Valtra	T132	T152	T162e	T172	T192	T202
With front tyres	16.9R28	16.9R28	460/85R30	460/85R30	460/85R30	460/85R30
With rear tyres	20.8R38	20.8R38	20.8R42	20.8R42	20.8R42	20.8R42
Length	5 148	5 148	5 148	5 148	5 148	5 148
Width	2 338	2 338	2 338	2 338	2 338	2 338
Height to the roof	2996	2996	3 046	3 046	3 046	3 046
Height to the exhaust pipe	2900	2900	3 003	3 003	3 003	3 003
Wheel base	2 748	2 748	2 748	2 748	2 748	2 748
Front axle ground clearance / with front axle suspension	545/505	545/505	595/555	595/555	595/555	595/555
Rear axle ground clearance	550	550	600	600	600	600
From the midpoint of the rear axle to the cab roof	2 121	2 121	2 121	2 121	2 121	2 121

Weights (kg)

Valtra	T132	T152	T162e	T172	T192	T202
With tyres	540/65R28 650/65R38	540/65R28 650/65R38	540/65R30 650/65R42	540/65R30 650/65R42	540/65R30 650/65R42	540/65R30 650/65R42
Total weight with full fuel tank and without ballast weights	5 860*	5 860*	6 090	6 090	6 090	6 090
Front axle weight	2 500 (44%)	2 500 (44%)	2 680 (44%)	2 680 (44%)	2 680 (44%)	2 680 (44%)
Rear axle weight	3 180 (56%)	3 180 (56%)	3 410 (56%)	3 410 (56%)	3 410 (56%)	3 410 (56%)

* With industrial front axle 140 kg heavier

Total weight with the front axle suspension is 350 kg more.



Valtra	T132 Versu	T152 Versu	T162e Versu		T172 Versu	T182 Versu	T202 Versu
Designation	66CTA-4V	66CTA-4V	66CTA-4V		66CTA-4V	74CTA-4V	74CTA-4V
Nominal output, kW(hv)/r/min ISO 14396	99(135)/2 200	110(150)/2 200	118(160)/2 200	117(159)/1 800	125(170)/2 200	132(180)/2 200	140(190)/2 200
With transport boost	107(146)/2 200	115(156)/2 200	123(167)/2 200	127(172)/1 800	131.5(179)/2 200	142(193)/2 200	151(205)/2 200
Sigma Power	-	-	-	-	-	142(193)/2 200	151(205)/2 200
Max output, kW(hv)/r/min ISO 14396	104(141)/2 000	115(156)/2 000	123(167)/2 000	117(159)/1 800	130(177)/2 000	137(186)/2 000	147(200)/2 000
With transport boost	112(152)/2 000	120(163)/2 000	128(174)/2 000	127(172)/1 800	135(184)/2 000	147(200)/2 000	155(211)/2 000
Sigma Power	-	-	-	-	-	147(200)/2 000	155(211)/2 000
Max torque, Nm/r/min ISO 14396	580/1 500	630/1 500	675/1 500	790/1 100	715/1 500	750/1 500	800/1 500
With transport boost	630/1 500	675/1 500	715/1 500	830/1 100	750/1 500	800/1 400	850/1 500
Sigma Power	-	-	-	-	-	800/1 400	850/1 500
Visco fan	Standard	Standard	Standard		Standard	Standard	Standard
Number of cylinder / litres	6 / 6,6	6 / 6,6	6 / 6,6		6 / 6,6	6 / 7,4	6 / 7,4
PTO, power take-off shaft	6-spline, diameter 35 mm standard (21, 20, 8 ja 6-spline diameter 45 mm optional)						
PTO 540 r/min, engine 1874 r/min	•	•	-	-	•	-	-
+ PGS PTO	•	•	-	-	•	-	-
PTO 1000 r/min, engine 2000 r/min EHD	•	•	-	-	•	•	•
+ PGS PTO	•	•	-	-	•	•	•
PTO 540E r/min, engine 1539 r/min	•	•	-	-	•	-	-
+ PGS PTO	•	•	-	-	•	-	-
540E/1000 r/min	•	•	•	•	•	•	•
+ PGS PTO	•	•	•	•	•	•	•
Transmission	30 forward + 30 reverse, 0,6-40 km/h						
Clutch	2 wet multi-disc clutches						
Power shuttle	Electro-hydraulic						
Powershift	5-step						
4WD							
Differential lock	electrohydraulically controlled multi-disc differential brake, simultaneously controlled with rear axle differential lock						
Parking brake							
Hydraulics							
Autocontrol DS, slip control							
Pump capacity, l/min	115/160	115/160	115/160	115/160	115/160	115/160	115/160
Max pressure, bar	205	205	205		205	205	205
Lifting capacity at the end of the lifting links, kg	8100	8100	8100		8100	8500	8500
Lower link type	III	III	III		III	III	III
Steering							
Fuel tank, l	275	275	275		275	275	275
Larger fuel tank, 370 l	option	option	option		option	option	option
Brakes							
Voltage	12 V	12 V	12 V		12 V	12 V	12 V
Starter motor / alternator / battery	4.2 kW / 120 A / 174 Ah	4.2 kW / 120 A / 174 Ah	4.2 kW / 120 A / 174 Ah		4.2 kW / 120 A / 174 Ah	4.2 kW / 120 A / 174 Ah	4.2 kW / 120 A / 174 Ah

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AGCO PARTS

Look for the labels "Valtra Genuine Spare Parts" or "AGCO Parts" on product packaging. The same parts are used for new Valtra tractors. Genuine spare parts ensure the carefree and safe operation of your tractor for as long as you own it.

The Valtra Spare Parts Centre is responsible for the training of our international servicing and spare parts personnel. Valtra literature, including user manuals, represents the very best in tractor industry. The advanced and efficient centre provides parts and servicing support throughout the world.



POWER PARTNER



Openness is one of the guiding principles behind Valtra's operations. This means that all our customers are welcome to visit the Valtra factory and even to watch their own tractor being built.

Valtra Power Partner represents our promise that customers shall receive, in addition to custom-built tractors that are tailor made to meet their own individual needs, reliable and fast maintenance and spare parts services that continue throughout the lifespan of their tractor.

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