

FRONT LOADERS

VALTRA

**YOUR
WORKING
MACHINE**



BUILT TO GET THE JOB DONE.

Your land is your life.
Your farm is your foundation.
Your crop is your career.
Your tractor is the tool of your trade.

A front loader isn't an afterthought, it's an essential part of your tractor. It gives you the tools to get more done. That's why we build it in from the start.

At Valtra, we fit our front loaders to your tractor at the factory. We make them tough and ready to work. In all weathers. In all conditions. Just like you.

Get the job done. Get a Valtra. Your working machine.



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FOR ALL TYPES OF WORK.

G Series front loaders are designed to work with Valtra tractors without any compromises. Strong, rugged and dependable, you get maximum performance from both. Whether you're a farmer, a forester, or working in municipal services, you rely on Valtra tractors to get the job done. That's why every G Series front loader comes factory-fitted with the same tough reliability all Valtra tractors are known for. And each one is ready to use the minute it's delivered.



**Hard working**

Valtra G Series front loaders are ready to go to work anywhere. With a selection of tool carriers available, they're compatible most types of implement, making them ideal for everything from farm work to forestry, to road maintenance, grass cutting, airport operations, snow removal, and other municipal tasks.

Purpose-built

Valtra tractors are designed to work flawlessly with G Series front loaders. With their sloping bonnet and large windows you get excellent visibility at all loader positions. The tight turning radius is unchanged by the loader, and the maintenance points are easy to reach on both the loader and the tractor.

Factory fitted

Each G Series front loader subframe is integrated into the tractor chassis at the factory, with multiple anchor points for superior strength. The subframe gets the same high quality painting and surface treatment as the rest of the tractor, to ensure long-lasting Valtra durability.

VALTRA G SERIES FRONT LOADERS

Valtra's new range of G Series front loaders makes your work easier. They come with a range of improved features that add control, versatility and durability. Everything from the modern looking design to the super strong subframe and the hydraulics have been redesigned and improved. G Series front loaders are compatible with A4, N4 and T4 tractors.

THE VALTRA G SERIES

- 12 models / 7 with parallel linkage, 5 without parallel linkage
- Compatible with tractors from 50 hp to 300 hp
- Maximum lift heights from 3.20 m to 4.75 m
- Maximum lift capacity from 1750 kg to 3500 kg
- New heavy duty subframe design
- Improved operator visibility
- Improved crowd and dump angles
- New implement locking with Clic-on function
- New generation SoftDrive
- New tool carrier
- New SmartTouch control with Versu and Direct models

MODERN ERGONOMIC DESIGN

- Factory-fitted front loader and subframe
- Small turning radius even with front loader
- Ergonomic controls and excellent visibility
- 50% better durability
- 50% decreased pressure drops over the loader
- 100% increased SoftDrive action/travel
- 30% better visibility
- Reduced loader weights
- Extended reach



Valtra G Series front loaders come factory-fitted, complete with Valtra's famous build quality and outstanding reliability. They're tough enough for a wide range of tasks and are available with different sizes and lifting capacities to meet your specific needs and your choice of tractor. With a maximum lift height of up to 4.75 m and maximum lift capacity of up to 3500 kg, there's a G Series front loader ready to go to work for you.



G SERIES FRONT LOADER FEATURES






1. **Strong loader boom** / The heavy duty boom arms have an 80 mm wide arm profile for unrivalled strength. Cast and forged components are used at the arm ends, at the “knee” and at the rear of the beam for extra strength at crucial points on the loader.
2. **Hydraulic piping** / The hydraulic piping is protected inside the beams and all visible hoses are braided to protect them from dirt and damage.
3. **30% better visibility** / The curved and chamfered design combined with the low “knee” and low placed crossbeam give an increased field of vision with 30% better visibility, and no pipes or hoses restrict your view.
4. **Hydraulic implement locking** / With hydraulic implement locking you can change implements without leaving the driver’s seat. You control locking with a joystick and the yellow indicator handle on the tool carrier lets you see if it is in the locked or unlocked position from the cabin.
5. **Lock & Go couplings** / The Lock & Go quick couplings allow the loader to be attached and detached in less than a minute. There are no loose parts and no tools are required.
6. **Bearing box** / The bearing box has an all new design with a strong steel profile. The compact design allows the locking pin to be shorter and stronger, and the wide U support provides maximum stability.
7. **Super strong subframes** / The precision machined Valtra subframe is extraordinarily heavy-duty and has multiple anchor points for extra strength. The new structure offers maximum loading capacity without affecting turning radius or visibility.
8. **Pivot pins** / All pins are galvanised and are equipped with unique pin lock. The locking hinges now use higher quality steel and the tool carrier has a new extra strong pivot locking pin on the most critical joint. A hinged locking plate with a compact rubber ring prevents axial play, keeps the lubrication grease in place and fixes the pin on both sides.
9. **Support legs** / Easy-to-use support legs are fitted in the loader beams for easy decoupling. The loader can rest fully on the heavy duty support legs, making it quick and easy to attach and detach your Valtra loader.
10. **SoftDrive loader suspension** / SoftDrive dampens shocks and vibrations on the front loader, protecting the loader, implements and tractor from damage. SoftDrive is activated from the operator’s cab with an electric on/off switch.
11. **Cross beam** / The round and low placed crossbeam provides excellent stiffness, torsional force absorption and durability. It is placed low to ensure good visibility and even weight distribution between the loader and the tractor.
12. **Central valve** / All the hydraulic sources are located in the centre of the loader’s crossbeam. This gives immediate, precise control and distributes the oil evenly to both sides. All the components are protected by a durable protective cover.
13. **Clic-on** / Clic-on mechanical locking gives you a safe, ergonomic and automatic locking action. The locking mechanism can only be activated if the implement is positioned correctly, ensuring safe implement attachment. And the yellow handle clearly indicates if it is in the locked or unlocked position.
14. **Tool Carrier** / The tool carrier rotates 180° making implement hooks clearly visible from the cab. This makes it easy to attach implements correctly, increasing efficiency and safety.
15. **Precise Self Levelling** / The self-levelling function provides precise, automatic control of your implement’s position. Once the implement angle is set it will stay in position through the whole range of the loader’s movement with no loss of lift force.

DESIGNED TO MAKE YOUR WORK EASIER





1. **Large windows** / The large convex windows give a wide viewing angle in all directions so you can see the front wheels and implements clearly. The large roof window also ensures a clear view of the front loader, even when it is raised.
2. **Hydraulic assistant** / The patented hydraulic assistant automatically adjusts engine revs and hydraulic pump capacity according to the load without affecting the driving speed. It ensures optimal hydraulic output at all times. For Versu models, optional on Active and HiTech models, for N and T Series all models.
3. **Controls** / A choice of controls offering everything from direct mechanical control to advanced electrical control and the fully programmable SmartTouch armrest.
4. **An unobstructed view** / The sloping bonnet gives a clear view in front, and the exhaust pipe and the engine air intake pipes are carefully placed so they are not visible while driving and working.
5. **Pre-programmable Powershift** / Pre-programme the desired Powershift gear and it will engage automatically when you change driving direction. For example, when you work with the front loader and change direction to go forwards, Powershift 1 can be engaged, and when you drive backwards, Powershift 3 can be engaged. Available in all Powershift models.
6. **AutoTraction** / With AutoTraction you can use Powershift to drive the tractor without pressing the clutch. Simply apply the brakes to stop the tractor and release the brakes to start the tractor moving again. For HiTech, Active and Versu models.
7. **Turbine clutch simulation** / The turbine clutch simulation is for drivers who need a soft start in their front loader work with no wheel slip. The shuttle clutch automatically regulates the pulling force. There is no risk of the clutch slipping with turbine clutch simulation – if the clutch starts to slip the hydrostatic unit will slow the tractor down – even to a total stop. For Direct models.
8. **Hitrol Turbine Clutch** / A unique Valtra feature, the turbine clutch makes starts and shuttle changes smooth and solid. This makes attaching implements, reversing and other short movements precise and safe. For N104-N124 models models.



Valtra makes it easy for you to get the most from your front loader. We offer a range of ergonomic controls with smart and convenient features built in. Each set of controls is specifically designed for Valtra tractors in the HiTech, Active, Versu and Direct ranges.

PRECISION ENGINEERING. MAXIMUM CONTROL.



Egodrive

Egodrive can be fitted to HiTech and Active models. Ergodrive gives you straightforward mechanical control of your front loader. The Ergodrive lever is conveniently located next to the driver and it also gives you access to the quick coupling function, and integrates control of the 3rd and 4th loader functions.

HiTech models are also available with a turbine clutch option, providing extra convenience and precision for front loader and municipal applications.



Electrical armrest

The electrical armrest gives you easy electrical control of the front loader. The joystick lets you operate the front loader as well as giving you control of the 3rd and 4th functions. It also includes buttons for float activation and a decompression button for the 3rd and 4th functions.

The electrical armrest is only available for the A4 Series.

Additional armrest controls for Softdrive, hydraulic implement locking and loader on/off are available for A4H4 models.



Control armrest

N and T Series Hitech and Active models can also be fitted with a control armrest, which includes a drive lever and a dedicated hydraulics joystick. The joystick gives you precise mechanical control of the front loader, including the hydraulic implement locking and control of the 3rd and 4th functions. The control armrest also includes buttons for switching the front hydraulics on and off, for hydraulic implement locking, for Softdrive and for changing over the front lift/front loader. You can also control implements that are mounted to the front loader and coupled to a front linkage.

All N4 & T4 models with front valves come with a hydraulic assistant that automatically increases the engine revs to assist front loader work.

Live3 control is available for new 2019 models.



SmartTouch

Versu and Direct models come with the SmartTouch armrest fully integrated and it gives you precise electronic control of all front loader and hydraulic functions. SmartTouch is designed to reduce your workload and makes operating your front loader and your tractor easier than ever. SmartTouch includes a multifunctional drive lever, a 9" touch screen and a hydraulic joystick for front loader control. You can customise the hydraulic functions to suit your work and your needs by assigning specific functions to the drive lever, hydraulic controls and memory buttons.

SMARTTOUCH. QUICKER. BETTER. SMARTER.

The SmartTouch armrest gives you fast and precise control of your front loader and it lets you set up profiles for each implement. Changing and saving settings is easy and intuitive, and you can program up to 9 different hydraulic functions. Any hydraulic valve can be assigned to any function and vice versa. You can control any hydraulic front/rear valve with any hydraulic lever or joystick – including the front loader and linkages.





1

1. 9" Touchscreen

The SmartTouch screen allows you to adjust the hydraulics of the tractor and the loader, and to assign different hydraulic functions to the controls.

2

2. Save and recall presets

With SmartTouch you can save settings for each task, for each implement and even for each driver. This means that whatever the job, you can recall the right hydraulic settings instantly.

3

3. Memory buttons M1, M2 and M3

These buttons can be assigned to control any hydraulic operation, including valves or power lift, or a U-pilot sequence, or any other single function.

4

4. Live 3

This new feature allows you to control 2 loader functions at the same time. For example: dumping and opening the gripper arms on a bale grip.

5

6

7

5. Dedicated hydraulic joystick

Control five functions with one joystick! The hydraulic joystick allows you to control 3 independent hydraulic distributors, as well as the 3rd and 4th loader functions.

6. 2 mini linear joysticks for hydraulics

The mini linear joysticks give you analogue control of the front loader hydraulic valves – the more you press the more flow you get. This makes precise movements possible.

7. Control levers

These four fully configurable controls can be programmed to select any hydraulic valve you want including valves for the front loader and linkages.

Valtra ARM features

The Valtra ARM gives you joystick control of the front loader with additional Live 3 control of the third function.



Features

1. Front hydraulics on/off button
2. Button for hydraulic implement locking
3. Button for Softdrive
4. Change-over button for front lift/front loader
5. Joystick with Live 3 function for front lift and front loader
6. Live 3 valve linear lever (available for new 2019 models)

FRONT LOADER IMPLEMENTS. THE RIGHT TOOL FOR EVERY JOB.

G Series front loaders are available with a selection of tool carriers to suit different sizes of implements from different manufacturers. These tool carriers make attaching and detaching implements safe and ergonomic. They feature a yellow indicator handle which clearly indicates if an implement is in the locked or unlocked position.





Buckets

A range of buckets are available to take care of various tasks. These include a multipurpose bucket, a high density bucket, a high capacity bucket and a lightweight bucket.



Manure Fork

The Manure Fork is built to last. The bottom beams have welded sleeves for the tines which make the joint stronger. The tines are tightened to a very high torque and fitted before the fork is painted.



Silage fork, Silograb®

The Silograb is unusually strong and effective. The close spacing of the tines practically eliminates silage spillage. The tines make a circular motion through the material, which produces the cleanest cut. This minimises the power required and gives the longest service life for the tines.



Bag Lifter

The Bag Lifter is a simple and secure solution for handling large bags. The hook is bent to one side, which makes it easier for the operator to see the hook from the driver's seat.



Bale gripper, Flexigrip™

Flexigrip is designed to handle round bales. The curved arms grip bales securely to ensure safe, precise lifting and easy bale stacking.



Bale gripper, Unigrip™

The lightweight Unigrip bale jaw is well suited for smaller diameter bales. The arms distribute the pressure evenly over a large area, ensuring careful bale handling.



Pallet Forks

The Pallet Fork is durable, stable and safe. The upper support of the back frame is made from one piece and the load the fork carries is distributed over a large area.


TECHNICAL SPECIFICATIONS



LOADERS	TRACTOR MODEL			Tractor PTO hp range	Tractor weight (max)	Specified pressure	Specified flow	Arm width	Front loader's weight	Working pressure (max)	Working temperature	Lift height at the pivot point	Dump angle (max)	Rollback angle (max)	Re-scooping height	Lift capacity to max height
	A	N	T	hp	kg	bar	l/min	mm	kg	bar	°c	m	°	°	mm	kg
G3 SERIES																
G3*	A74 – A94			60-100	4000	195	50	1040	450	210	-30/+50	3,90	58	48	N/A	1250
G3S	A74 – A94			60-100	4000	195	50	1040	520	210	-30/+50	3,55	58	48	667	1550
G3L	A74 – A114			60-100	4000	195	50	1040	525	210	-30/+50	3,81	53	40	600	1740
G4 SERIES																
G4*	A104 – A134	N104 – N124		80-140	5000	195	60	1040	515	210	-30/+50	3,79	58	48	N/A	1290
G4S	A104 – A134	N104 – N124		80-140	5000	195	60	1040	575	210	-30/+50	3,79	58	48	700	1920
G4M		N104 – N124		80-140	5000	195	60	1040	575	210						
G4L	A104 – A134	N104 – N174		80-140	5000	195	60	1040	580	210	-30/+50	4,02	54	49	700	1780
G5 SERIES																
G5*	A104-A134	N104 – 154e		100-180	6000	195	80	1040	560	210	-30/+50	4,06	56	48	N/A	1300
G5S	A104-A134	N104 – N174		100-180	6000	195	80	1040	620	210	-30/+50	4,06	57	40	708	1980
G5M		N104 – N174		100-180	6000	195	80	1040	620	210	-30/+50	4,06	57	48	708	2300
G5L	A104 – A134	N104 – N174		100-180	6000	195	80	1040	625	210	-30/+50	4,20	54	48	681	1930
G6 SERIES																
G6S		N104 – N174	T144 – T254	120-220	7000	195	90	1040/1200	720	210	-30/+50		57		718	2140
G6M			T144 – T254	120-220	7000	195	90	1040/1200	720	210	-30/+50	4,25	57	48	718	2470
G6L			T144 – T254	120-220	7000	195	90	1040/1200	750	210	-30/+50	4,55	53	52	671	1980
G7 SERIES																
G7S			T144 – T254	140-280	8000	195	90	1040/1200	760	210	-30/+50		54		706	2170
G7M			T144 – T254	140-280	8000	195	90	1040/1200	760	210	-30/+50	4,60	54	49	706	2490
G7L			T144 – 254	140-280	8000	195	90	1040/1200	760	210	-30/+50	4,75	53	51	706	2490

G SERIES FRONT LOADERS POWER WHEN YOU NEED IT

VALTRA

 **Unigrip**



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