



Front loaders

FL FL C FL E

CLAAS

CLAAS front loaders. Everything at your fingertips.

From traditional applications in agriculture and forestry to specialist tasks in the municipal sector – front loaders are used for a huge variety of work.

With more than 20 models in three series, a CLAAS front loader prepares you for anything and considerably extends the capabilities of tractors with an output of 45 to 300 hp. Our front loaders also offer enormous convenience, outstanding durability and a high level of safety.

Many ingenious solutions minimise downtime for tractor maintenance, changing attachments and fitting/removing the front loader, leaving you more time to carry out your loading work efficiently.





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The right choice in any situation.



FL 100-40 E.
Simply good.



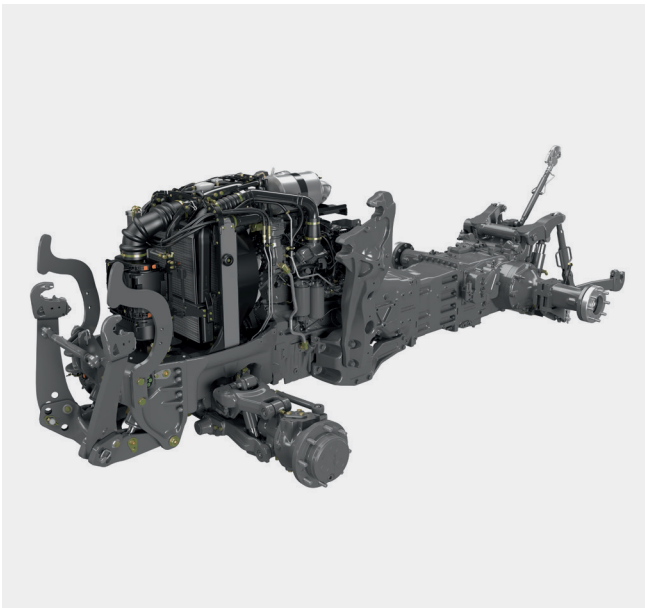
FL 140-40 C.
Simply more.



FL 250-60.
Simply everything.

FL 100-40 E	FL 140-40 C	FL 250-60
For tractors from 45 to 120 hp	For tractors from 45 to 180 hp	For tractors from 60 to 300 hp
Mechanical self-levelling linkage	Integrated mechanical self-levelling linkage	Hydraulic self-levelling linkage
Operating options		
ELECTROPILOT	ELECTROPILOT	ELECTROPILOT
TECHPILOT	TECHPILOT	TECHPILOT
FLEXPILOT	FLEXPILOT	FLEXPILOT
PROPILOT	PROPILOT	PROPILOT
Front loaders: Fitting and removal		
FITLOCK: Rapid fitting and removal of the front loader	FITLOCK: Rapid fitting and removal of the front loader	FITLOCK: Rapid fitting and removal of the front loader
MACH: Easy connection of all electrical and hydraulic lines	MACH: Easy connection of all electrical and hydraulic lines	MACH: Easy connection of all electrical and hydraulic lines
Folding support legs	Folding support legs	Folding support legs
Attachments: Fitting and removal		
Third hydraulic function for attachments	Third and fourth hydraulic function for attachments	Third and fourth hydraulic function for attachments
MACH 2: Quick coupler for the hydraulic connections between the attachment and the front loader	MACH 2: Quick coupler for the hydraulic connections between the attachment and the front loader	MACH 2: Quick coupler for the hydraulic connections between the attachment and the front loader
Mechanical, automatic locking of attachments	Mechanical, automatic locking of attachments	Mechanical, automatic locking of attachments
	FASTLOCK: Hydraulic locking and unlocking of attachments	FASTLOCK: Hydraulic locking and unlocking of attachments
		SPEEDLINK: Hydraulic locking and unlocking of attachments, plus automatic connection and disconnection of all hydraulic and electrical connectors
Comfort and safety		
SHOCK ELIMINATOR vibration damping	SHOCK ELIMINATOR vibration damping	SHOCK ELIMINATOR vibration damping
Safety valve	Safety valve	Safety valve
		Automatic bucket return: automatically returns the attachment to the starting position
		Synchro Control System (SCS): intelligent synchronisation of attachment angle and the third function

An unbeatable combination.



Perfectly integrated front loaders.

The front loader mounting brackets have been specially designed for CLAAS tractors and transfer mechanical forces across the entire implement frame. They are perfectly matched, allowing ready access to all maintenance points without restricting your tractor's manoeuvrability. This ensures that you can work productively and save yourself a lot of valuable time. Whether your front loader is installed at the factory or retrofitted, it will complement your tractor perfectly, creating a powerful unit which boosts the versatility and economic efficiency of CLAAS tractors from 45 to 300 hp.



Clear view.

Thanks to the wide FOPS (Falling Object Protective Structure) glass roof, CLAAS tractors are ideally equipped for safe front loader work. You have a clear view of the entire working area for loading and are well protected from falling materials.



Front loaders and tractors from CLAAS.

CLAAS front loaders are perfectly matched to your tractor and the challenges you face in your day-to-day work. Whether you're working around the farm yard or in the fields, they are ideal when it comes to handling straw and silage bales, manure handling, feeding, loading trailers and much more besides.

Our front loaders make the most of the manoeuvrability, hydraulic power and efficiency of CLAAS tractors. Together, they form a powerful unit which can handle the toughest of tasks.



Benefit from versatility.

A high-performance front loader isn't much use on its own – which is why CLAAS supplies a wide range of more than 60 different attachments for any application. Whether you are moving bulk material, pallets, manure, straw bales or silage bales, our range of attachments will ensure safe and precise handling. All our attachments have been developed for professional use, offering high efficiency and outstanding stability.

ELECTROPILOT
(AXION 800, ARION 600 / 500 and ELIOS).

AXION 800, ARION 600 / 500 and ELIOS tractors can be optionally fitted with the ELECTROPILOT system at the factory. The integral joystick in the armrest or right-hand console controls all the front loader functions. The joystick features an excellent ergonomic design, and is easy and very comfortable to use.



ELECTROPILOT (ARION 400).

The joystick in the ARION 400 is integrated into the right-hand armrest. In addition to operating the front loader, it can also be used to simultaneously control the QUADRISHIFT / HEXASHIFT transmission. It is no longer necessary to alternate between gear-shifting and front loader actuation, bringing considerable benefits when it comes to operation. With its ergonomic design and razor-sharp precision, the joystick is ideal for all front loader operations.

FLEXPILOT (all models).

With its hydraulic pilot-controlled operating valve, the FLEXPILOT provides maximum operating comfort and the highest level of precision. To save on hydraulic output and time when lowering, the lift rams are operated in single-acting mode. If required, the double-acting mode can be activated at any time by fully depressing the FLEXPILOT control lever.

TECHPILOT (all models).

CLAAS also offers high-quality electrohydraulic operation for retrofitted front loaders in tractors below 100 hp. This smooth, extremely precise operating system is recommended for very intensive front loader work.

PROPILOT (all models).

PROPILOT is a multifunctional single-lever control system which operates using Bowden cables. It has been specially designed for operating the front loader, and has proven its worth in everyday use.



ELECTROPILOT (AXION 800 and ARION 600 / 500)



ELECTROPILOT (ARION 400)



FLEXPILOT (all models)



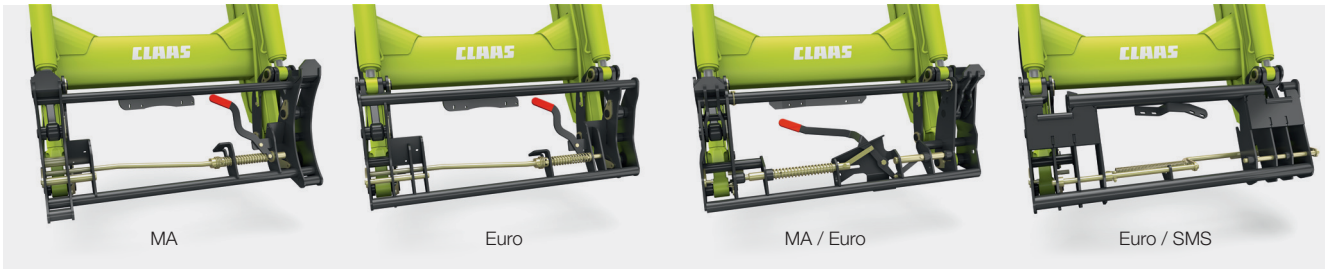
PROPILOT (all models)

Control lever functions.

	ELECTROPILOT (AXION 800, ARION 600 / 500)	ELECTROPILOT (ARION 400)	ELECTROPILOT (ELIOS)	TECHPILOT (all models)	FLEXPILOT (ARION 400)	FLEXPILOT (all models)	PROPILOT (all models)
4-way control lever for lift arm operation	☐	☐	☐	☐	☐	☐	☐
Adjustable flow rate	☐	☐	☐	–	–	–	–
Third and fourth function	☐	☐	☐	☐	☐	☐	☐
FASTLOCK and SPEEDLINK	☐	☐	☐	☐	☐	☐	☐
Select drive direction	☐	☐	–	–	☐	–	–
Joystick deactivation	☐	☐	☐	–	☐	☐	☐

☐ available – not available

Change attachments in no time at all.



Changing the attachment is quick and easy.

The front loaders come with a range of quick-change frames (MA, Euro, MA / Euro, Euro / SMS) for attachment locking. This makes it possible to fit a wide variety of attachments, taking into account different standards for attachment types, brands and individual country preferences. As a result, existing attachments can still be used with the new front loader.

The ingenious design reduces lifting power requirements and provides ideal crowding and dumping angles.

Mechanical attachment locking.

All quick-change frames are equipped with an automatic mechanical locking device as standard. Simply tilt the new attachment upwards to lock the safety bolt into place.



MACH 2.

You can easily connect the hydraulic couplings between the attachments and front loader in just one action, even when the lines are under pressure – you'll never mix up the connections again. The couplings have a flat seal, making oil stains on the ground a thing of the past.



FASTLOCK.

With FASTLOCK, attachments can be hydraulically locked and unlocked from the comfort of the cab.

	FL E	FL C	FL
Locking and unlocking			
Mechanical with automatic locking	Two-lever system	One-lever system	One-lever system
FASTLOCK hydraulic locking	–	☐	☐
Mounting system			
EURO	☐	☐	☐
MA	☐	☐	☐
MA / EURO	–	☐	☐
EURO / SMS	–	☐	☐
Third function	☐	☐	☐
Fourth function	–	☐	☐
MACH 2 quick coupler for third and/or fourth function	☐	☐	☐

☐ available – not available



With FASTLOCK, one press of a button is all it takes to lock the attachments.

Ready in record time.



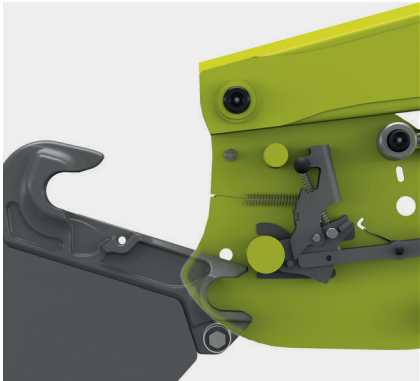
Only leave your cab once.

With a combination of FITLOCK and MACH, you only need to leave your cab once to connect the front loader. Just drive the tractor up to the lift arms: as soon as the FITLOCK system is pre-locked in place, you get out of the cab, connect the multi-coupling system and stow the support legs in the boom. It's that easy!

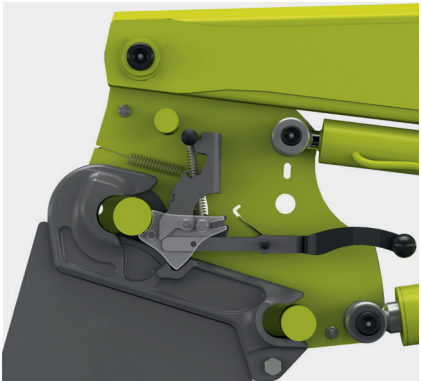


The support legs fold under the boom easily and do not obstruct the view of the front loader.

FITLOCK on FL and FL C.



Drive in



Pre-lock



Lock

MACH – just one action.

With the MACH multi-coupling system, you can easily connect all the hydraulic and electrical connections in just one action, even when the lines are under pressure. Simply place the multi-coupling system on the tractor bracket, pull the handle down and everything is connected. The hydraulic connectors have flat seals so they don't drip and remain clean and dry. Problems caused by dirt in the hydraulic system or wrong connections are now a thing of the past.



FITLOCK for effortless fitting and removal.

With the FITLOCK system, you can fit and remove the loader effortlessly without tools. Installing the front loader is child's play. FITLOCK allows you to attach the loader quickly, safely and easily in any situation, even on uneven surfaces. The pre-lock mechanism secures the connection before the FL and FL C front loader locks fully into position. The FL E series has a simplified FITLOCK with a single-stage, manual locking system.



From your driving position in the cab, a glance at the lock indicator is all it takes to check that the lift arms are properly engaged. Detaching the loader is just as quick and easy.



Convenience, safety and quality down to the last detail.



SHOCK ELIMINATOR.

The SHOCK ELIMINATOR has a nitrogen-filled accumulator which absorbs impacts and protects the tractor, driver and front loader from vibration. Less fatigue and improved concentration produce better work results throughout the day. The SHOCK ELIMINATOR can be switched off for special applications.



The SHOCK ELIMINATOR employs a nitrogen-filled accumulator to reliably minimise impacts, jolts, physical shocks and vibrations.

Safety valve.

Optional safety valves for the lift and tilt rams guarantee safety when using a work platform¹. The valve is not activated until pressure is applied to a line, and closes automatically if pressure is lost, preventing uncontrolled movements of the lift arms.

¹ Always obey national regulations when using a work platform on the front loader.



Thanks to electrical switching in the FL and FL C series, the safety valves can be combined with the SHOCK ELIMINATOR vibration damping system.

High load capacity.

A large crowd angle – between 47° and 52° at ground level – gives your attachment a high fill capacity, particularly when transporting bulk materials. In the FL and FL C front loaders, the maximum crowd angle also increases by 10% from a lift height of 1.2 m, further preventing material losses.



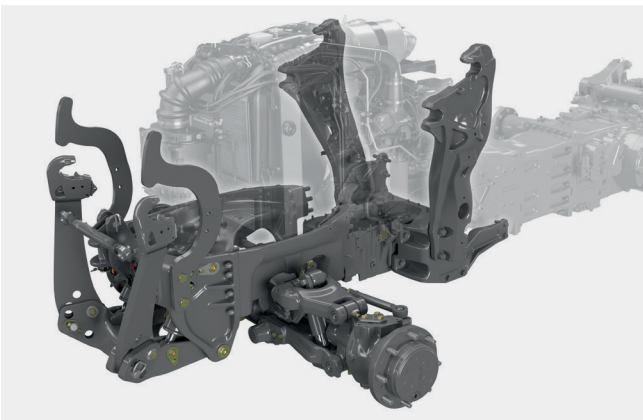
Quality and durability.

The special design of the lift arms provides excellent stability and superb visibility under all conditions. All the pivot points are lubricated and reinforced by a welded, replaceable bush to guarantee a long service life.



Robust bracket.

The front loader bracket transmits the mechanical loads evenly throughout the tractor – the weight is distributed along the tractor's full length. These units can master even the most demanding and heavy-duty tasks with ease.



Protected grease nipples.

All the grease nipples are recessed in the pins and do not protrude beyond the front loader profile. This means they are well protected and easily accessible. All the main pins have a standard diameter of 40 mm and are rotation-proof, ensuring maximum safety in all loading situations.



FL 100-40 E. Simply good.



Loading made easy.

The FL E is the perfect choice if you are looking for a simple, efficient and robust front loader.

- For tractors from 45 to 120 hp
- Mechanical self-levelling linkage
- Hydraulic lines are integrated into the boom
- FITLOCK with manual locking and unlocking
- Third hydraulic function for attachments
- MACH 2 to connect the third function
- Mechanical, automatic locking of attachments
- Folding support legs



Precision tilt indicator.

The easily visible tilt indicator keeps you informed about the angle of the attachment in relation to the ground. This allows the driver to position the attachment precisely whilst lowering. The position marker can be adapted to the attachment and the job in hand without tools.



Secure connection with FITLOCK.

With the FITLOCK system, you can fit and remove the loader effortlessly without tools. The FL E series has a simplified FITLOCK with a single-stage, manual locking system. A glance at the lock indicator is all it takes to check that the lift arms are properly engaged. Detaching the loader is just as quick and easy.



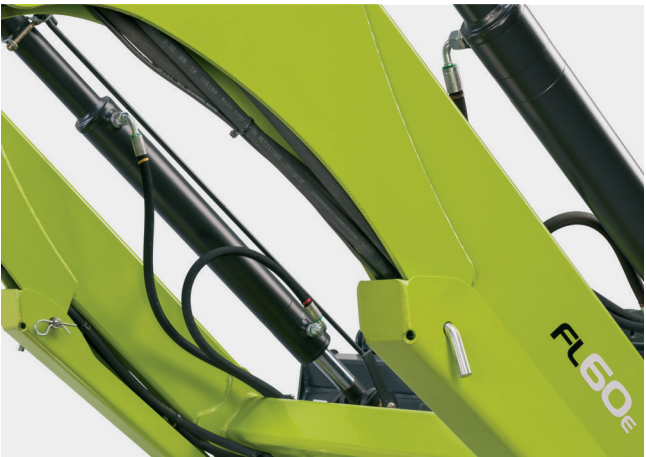
Automatic attachment locking.

In the mechanical standard specification, simply tilt the attachment to lock the safety bolt into place. To unlock it, just release the two levers on either side of the quick-change frame.



Easy to fold.

Fold and unfold the support legs simply by moving the pin. Several holes are provided, making it easy to adjust the leg height even on uneven ground.



Safe storage.

The hydraulic lines are routed under the boom, protecting them from damage and leaving a clear view of the attachments.

FL 140-40 C. Simply more.



Unrivalled convenience.

Designed for intensive work, the FL C features a slim design and provides a superb view of the work area.

- For tractors from 45 to 180 hp
- Integrated mechanical self-levelling linkage
- Hydraulic lines are integrated into the boom
- FITLOCK with automatic locking and unlocking
- Third and fourth hydraulic function for attachments
- MACH 2 for connection of the third and fourth function
- Mechanical, automatic attachment locking or FASTLOCK for hydraulic locking and unlocking of attachments
- Folding support legs



Precision tilt indicator.

The easily visible tilt indicator keeps you informed about the angle of the attachment in relation to the ground. This allows the driver to position the attachment precisely whilst lowering. The position marker can be adapted to the attachment and the job in hand without tools.



Secure connection with FITLOCK.

The FITLOCK system provides effortless fitting and removal without tools. The pre-lock mechanism secures the connection before the front loader locks fully into position. From your driving position in the cab, a glance at the lock indicator is all it takes to check that the lift arms are properly engaged. Detaching the loader is just as quick and easy.



Automatic attachment locking.

In the mechanical standard specification, simply tilt the attachment to lock the safety bolt into place. To unlock it, just release the two levers on either side of the quick-change frame. With FASTLOCK (optional), attachments can be hydraulically locked and unlocked from the comfort of the cab.



Easy to fold.

Fold and unfold the support legs simply by moving the pin. Several holes are provided, making it easy to adjust the leg height even on uneven ground.



Safe storage.

The hydraulic lines are integrated into the boom to protect them from damage and give the driver a clear view of the attachments.

FL 250-60.

Simply everything.



Higher, faster and more accurate.

Discover the intelligent solutions in the FL front loader.

- For tractors from 60 to 300 hp
- Hydraulic self-levelling linkage
- Hydraulic lines are integrated into the boom
- FITLOCK: with automatic locking and unlocking
- Third and fourth hydraulic function for attachments
- MACH 2 for connection of the third and fourth function
- Mechanical, automatic attachment locking or FASTLOCK for hydraulic locking and unlocking of attachments
- Folding support legs
- Additional options available for greater productivity and convenience: automatic bucket return, synchronised bucket/grab control and SPEEDLINK



Precision tilt indicator.

The easily visible tilt indicator keeps you informed about the angle of the attachment in relation to the ground. This allows the driver to position the attachment precisely whilst lowering. The position marker can be adapted to the attachment and the job in hand without tools.



Secure connection with FITLOCK.

The FITLOCK system provides effortless fitting and removal without tools. The pre-lock mechanism secures the connection before the front loader locks fully into position. From your driving position in the cab, a glance at the lock indicator is all it takes to check that the lift arms are properly engaged. Detaching the loader is just as quick and easy.



Automatic attachment locking.

In the mechanical standard specification, simply tilt the attachment to lock the safety bolt into place. To unlock it, just release the two levers on either side of the quick-change frame. With FASTLOCK (optional), attachments can be hydraulically locked and unlocked from the comfort of the cab.



Easy to fold.

The support legs automatically engage in the correct position when the loader is lowered to the ground. The front loader can therefore be fitted and removed quickly without tools.



Safe storage.

The hydraulic lines are integrated into the boom to protect them from damage and give the driver a clear view of the attachments.



Hydraulic self-levelling linkage (PCH).

The FL range of front loaders is equipped with the PCH hydraulic self-levelling linkage, which maintains the angle of the attachment precisely and automatically.

Two hydraulic rams underneath the lift arms compensate for the changes in angle that occur when the lift arms move up and down. They are positioned so that the operator has an uninterrupted view of the front loader.



35% more lifting power.

The PCH linkage is permanently fixed to the tilt rams, which increases the lifting power by 35% without needing any additional energy input. The weight of the loaded attachment generates pressure in the tilt rams which is transferred to the PCH rams and supports the lifting process.

Always at the right angle.

To help you choose the best operating angle for the attachment you are using, the self-levelling rams have two possible positions:



1. Pallet position

Ideal for handling pallets and bales, because the attachment angle remains unchanged.



2. Bucket position

Suitable for all bulk goods. The bucket is tilted slightly inwards during lifting, preventing the contents from falling out.



- 1 Pallet position
- 2 Bucket position

Constant motion.



Automatic bucket return – convenient attachment positioning.

The automatic bucket return automatically returns your attachment to its starting position at the touch of a button. This helps you to work comfortably and efficiently, especially on long, repetitive jobs.



Synchro Control System (SCS) – one control for two functions

The synchronous bucket/grab control system enables you to load larger volumes safely. When filling and emptying, the driver normally has to control the attachment angle and operate the third function virtually at the same time. Thanks to intelligent synchronisation of these two movements, all that's now required is one push of the button. This closes the grab for filling and opens it for dumping. The result: greater productivity.



SPEEDLINK.

In addition to hydraulic locking, SPEEDLINK¹ allows you to automatically connect and disconnect all hydraulic and electrical connections from the cab when fitting or removing implements. As soon as the attachment is released, all connections are completely sealed to keep out dirt or other contamination.

¹ SPEEDLINK is only available with the MA quick-change frame.



Transform your CLAAS tractor into
a versatile all-purpose machine.

A huge range of high-performance attachments is available for use with CLAAS front loaders. The entire range is based on the practical experience of professional operators, and has been specially developed with farmers' day-to-day activities in mind.



High-performance attachments.

Multi-purpose bucket, BMS¹



		Weight (kg)	Width (mm)	Height (mm)
BMS 120 M	560 l	215	1200	643
BMS 135 M	625 l	230	1350	643
BMS 155 M	725 l	246	1550	643
BMS 175 M	820 l	262	1750	643
BMS 205 M	965 l	318	2050	643
BMS 225 M	990 l	323	2250	643
BMS 180 H	1050 l	399	1800	705
BMS 200 H	1160 l	423	2000	705
BMS 225 H	1305 l	466	2250	705
BMS 245 H	1420 l	488	2450	705

Two side plates for moving loose bulk materials (optional)

Earthmoving bucket, BT
Bolted teeth or wear edge



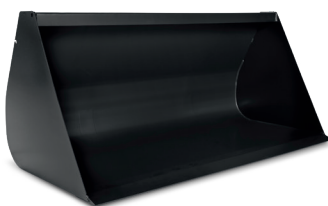
		Weight (kg)	Width (mm)	Height (mm)
BT 130 II	450 l	183	1320	690
BT 150 II	515 l	200	1520	690
BT 180 II	625 l	230	1820	690
BT 200 II	695 l	245	2020	690
BT 225 II	780 l	265	2270	690

Universal bucket, BR
Without teeth



		Weight (kg)	Width (mm)	Height (mm)
BR 180	785 l	266	1820	764
BR 200	875 l	284	2020	764
BR 225	985 l	305	2270	764
BR 245	1070 l	322	2470	764

Universal bucket, BR U
Without teeth



		Weight (kg)	Width (mm)	Height (mm)
BR 150 U	625 l	160	1500	755
BR 180 U	750 l	181	1800	755
BR 200 U	840 l	203	2000	755
BR 225 U	945 l	210	2250	755

High-capacity bucket, BC
Without teeth



		Weight (kg)	Width (mm)	Height (mm)
BC 180	1300 l	299	1800	815
BC 200	1450 l	318	2000	815
BC 220	1600 l	336	2200	815
BC 250	1825 l	371	2500	815

4-in-1 bucket, BQU¹
With or without bolted teeth



		Weight (kg)	Width (mm)	Height (mm)
BQU 150	420 l	387	1530	860
BQU 180	500 l	445	1830	860
BQU 210	585 l	480	2130	860

High-tip bucket, BRDS¹
Designed for high trailers (1.1 m above the maximum front loader height)



		Weight (kg)	Width (mm)	Height (mm)
BRDS 180	1300 l	480	1800	835
BRDS 210	1550 l	518	2100	835
BRDS 250	1800 l	582	2500	835

Silage bucket, BCA¹
Bucket equipped with fixed teeth, a clamp or a rotary cutter

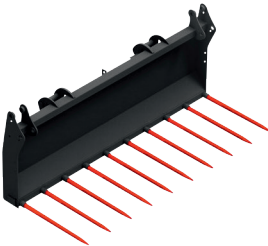


		Weight (kg)	Width (mm)
BCA 210	1400 l	450	2100

¹ Third function required

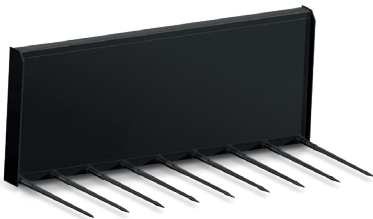
High-performance attachments.

Manure fork, BF



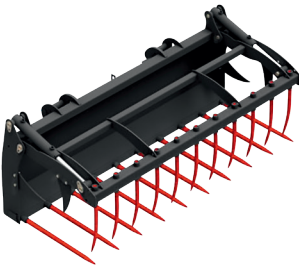
	Number of tines	Weight (kg)	Width (mm)	Height (mm)
BF 120	6	135	1200	640
BF 135	7	154	1350	640
BF 155	8	167	1550	640
BF 175	9	185	1750	640
BF 205	10	205	2050	640
BF 225	11	220	2250	640

Manure fork, BF U
Not compatible with grab



	Number of tines	Weight (kg)	Width (mm)	Height (mm)
BF 120 U	6	100	1200	700
BF 140 U	7	115	1400	700
BF 160 U	8	130	1600	700
BF 180 U	9	145	1800	700

Combined manure fork, CG¹



	Number of tines		Weight (kg)	Width (mm)	Height (mm)
CG 120	6	595 l	225	1200	640
CG 140	7	670 l	248	1400	640
CG 160	8	770 l	268	1600	640
CG 180	9	875 l	302	1800	640
CG 200	10	1030 l	330	2000	640
CG 225	11	1160 l	354	2250	640

Combined manure fork, CG U¹



	Number of tines		Weight (kg)	Width (mm)	Height (mm)
CG 120 U	6	515 l	170	1200	700
CG 140 U	7	600 l	195	1400	700
CG 160 U	8	685 l	215	1600	700
CG 180 U	9	765 l	240	1800	700
CG 200 U	10	850 l	265	2000	700

¹ Third function required

Shear grab, SG¹



		Weight (kg)	Width (mm)	Height (mm)
SG 120	680 l	398	1200	765
SG 150	810 l	431	1500	765
SG 180	910 l	517	1800	765

Pallet fork, TR



	Load capacity (kg)	Weight (kg)	Width (mm)	Tine size (mm)	Height (mm)
TR 1 650 kg	1650	170	1320	1000 x 80 x 40	780
TR 2 500 kg	2500	195	1320	1200 x 100 x 45	780

2.00 m extension kit available as an option
2-tine kit for conversion into bale fork available as an option

Big-bag carrier, LS 1000



	Load capacity (kg)	Weight (kg)	Width (mm)	Height (mm)
LS 1000	1000	85	1210	Adjustable from 1620-1920

Lift hook, CL 2500



	Load capacity (kg)	Weight (kg)	Width (mm)	Height (mm)
CL 2500	2500	130	1200	510

Log grab, PG 2000¹



	Load capacity (kg)	Weight (kg)	Width (mm)	Opening width (mm)
PG 2000	2000	430	1230	500-1450

¹ Third function required

High-performance attachments.

MANUBAL – the flexible bale clamp.
Moves all bales.



	Number of tines	round bales	Number picked up simultaneously square bales
L 40	2	1	1
L 500	2	2	3
L 6000	3 / 5	3	4



	Number of stackable bales ⁴	round bales	Number picked up simultaneously wrapped round bales	square bales	Number of grabs on bale clamp
V 40 ^{1,3}	4	1	1	2	1 x single
V 50 ^{1,3}	5	1	1	–	1 x on mechanical extension
V 60 ^{2,3}	6	1	1	1	1 x on hydraulic extension



	Grab type	wrapped round bales	Number picked up simultaneously wrapped square bales
C 30 ¹	Clamp	1	–
C 40 ¹	Clamp	1	–
U 40 ¹	Clamp	1	1



	Number of stackable bales ⁴	round bales	Number picked up simultaneously wrapped round bales	square bales	Number of grabs on bale clamp
V 500 ¹	5	2	–	3	1 x double
V 7000 ¹	6	3	–	4	1 x triple
W 500 ^{1,3}	5	2	1	2	2 x single

¹ Third function required

² Third and fourth function required

³ Optional wrapped-bale clamp

⁴ Bale height 1.2 m

– not available

Whatever it takes.
CLAAS Service & Parts.



Maintenance

Protect

Plus

Safeguard your machine's reliability.
Increase your operating reliability, minimise the risk of break-down and repair. MAXI CARE offers you predictable costs. Create your own individual service package to meet your particular requirements.

CLAAS Service & Parts
is there for you 24/7.
service.claas.com

Scan me.



Specially matched to your machine.
Precision-manufactured parts, high-quality consumables and useful accessories. Choose our comprehensive product range to be certain of receiving exactly the right solution to ensure 100% operating reliability for your machine.



For your business: CLAAS FARM PARTS.
CLAAS FARM PARTS offers one of the most comprehensive ranges of multi-brand parts and accessories for all agricultural applications on your farm.



Global supply.
The CLAAS Parts Logistics Center in Hamm, Germany, stocks almost 200,000 different parts and has a warehouse area of over 183,000 m². This central spare parts warehouse delivers all ORIGINAL parts quickly and reliably all over the world. This means that your local CLAAS partner can supply the right solution for your harvest or your business within a very short time.



Your local CLAAS distributor.
Wherever you are, you can count on us to always provide you with the service and the contact people you need. Your CLAAS partners are on hand in your local area, ready to support you and your machine around the clock. With know-how, experience, commitment and the best technical equipment. Whatever it takes.

FL.

		FL 250	FL 150	FL 140	FL 120	FL 100	FL 80	FL 60
With self-levelling linkage		●	●	●	●	●	●	●
Maximum height at attachment pivot point	m	4.60	4.60	4.50	4.15	4.00	3.85	3.75
Maximum height under bucket in horizontal position (1)	m	4.35	4.35	4.25	3.90	3.75	3.60	3.50
Maximum height under bucket in tilted position (2)	m	3.80	3.80	3.70	3.35	3.20	3.05	2.95
Digging depth	m	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Dumping angle at maximum height (3)	°	50	50	50	55	55	55	52
Crowd angle at ground level (4)	°	51	51	52	52	52	52	47
Ripping power at attachment pivot point at ground level	kg	3430	3430	2670	2750	2400	2100	1900
Lifting capacity at attachment pivot point over entire lift height	kg	3050	3050	2320	2450	2190	1890	1500
Lift capacity at attachment pivot point over entire lift height with equipment for increased lift capacity	kg	—	—	—	2800	2540	2190	—
Lifting capacity on pallet (0.60 m towards the front of forks, at ground level)	kg	3040	3040	2360	2410	2080	1850	1450
Lifting time	s	8.2	8.2	6.4	6.2	5.4	4.6	3.9
Tilting time	s	1.4	1.4	1.4	1.4	1	1	0.7
Empty weight without optional equipment	kg	697	660	630	550	535	480	460

FL C.

		FL 140 C	FL 120 C	FL 100 C	FL 100 C	FL 80 C	FL 80 C	FL 60 C	FL 60 C	FL 40 C	FL 40 C
With self-levelling linkage		●	●	●	—	●	—	●	—	●	—
Maximum height at attachment pivot point	m	4.50	4.15	4.00	4.00	3.85	3.85	3.75	3.75	3.50	3.50
Maximum height under bucket in horizontal position (1)	m	4.25	3.90	3.75	3.75	3.60	3.60	3.50	3.50	3.25	3.25
Maximum height under bucket in tilted position (2)	m	3.70	3.35	3.20	3.20	3.05	3.05	2.95	2.95	2.70	2.70
Digging depth	m	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Dumping angle at maximum height (3)	°	50	55	55	55	55	55	52	52	52	52
Crowd angle at ground level (4)	°	47	47	47	47	47	47	47	47	47	47
Ripping power at attachment pivot point at ground level	kg	2670	2400	2400	2400	2100	2100	1900	1900	1600	1600
Lifting capacity at attachment pivot point over entire lift height	kg	2320	2200	2200	2200	1900	1900	1500	1500	1400	1400
Lift capacity at attachment pivot point over entire lift height with equipment for increased lift capacity	kg		2550	2550	—	2200	—	—			
Lifting capacity on pallet (0.60 m towards the front of forks, at ground level)	kg	2100	1825	1780	1600	1600	1750	1400	1450	1180	950
Lifting time	s	6.4	5.4	5.4	5.4	5.4	5.4	3.9	4.6	3.3	3.3
Tilting time	s	2,2	1.9	1.9	1.8	1.9	1.8	1.4	1.4	1.4	1.4
Empty weight without optional equipment	kg	720	595	575	510	520	475	500	450	455	400

FL E.

		FL 100 E	FL 60 E	FL 40 E
With self-levelling linkage		●	●	●
Maximum height at attachment pivot point	m	4.00	3.80	3.50
Maximum height under bucket in horizontal position (1)	m	3.65	3.45	3.15
Maximum height under bucket in tilted position (2)	m	3.00	2.8	2.50
Digging depth	m	0.15	0.15	0.15
Dumping angle at maximum height (3)	°	55	55	55
Crowd angle at ground level (4)	°	47	47	47
Ripping power at attachment pivot point at ground level	kg	2300	2150	1900
Lifting capacity at attachment pivot point over entire lift height	kg	2150	2000	1500
Lifting capacity on pallet (0.60 m towards the front of forks, at ground level)	kg	1800	1600	1380
Lifting time	s	5.0	4.30	3.70
Tilting time	s	2.1	2.0	1.8
Empty weight without optional equipment	kg	500	440	430



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Tractor / front-loader combinations.

Model	Type	FL	FL C	FL E
TALOS 130	A38	—	40	40
TALOS 210	A39	60	40, 60	40, 60
TALOS 220	A39	60	40, 60	40, 60
TALOS 230	A39	60	40, 60	40, 60
TALOS 240	A39	60, 80	60, 80	60
ELIOS 210	A28	60	40, 60	40, 60
ELIOS 220	A28	60	40, 60	40, 60
ELIOS 230	A28	60	40, 60	40, 60
ELIOS 210	A48	60	40, 60	40, 60
ELIOS 220	A48	60	40, 60	40, 60
ELIOS 230	A48	60	40, 60	40, 60
ELIOS 240	A48	60	40, 60	40, 60
AXOS 310	A22 / 62	60, 80	60, 80	60
AXOS 320	A22 / 62	60, 80, 100	60, 80, 100	60, 100
AXOS 330	A22 / 62	80, 100	80, 100	100
AXOS 340	A22 / 62	80, 100	80, 100	100
ATOS 220	A78 / 98	60	40, 60	40, 60
ATOS 230	A78 / 98	60	40, 60	40, 60
ATOS 240	A78 / 98	60	40, 60	40, 60
ATOS 330	A79 / 99	60, 80	60, 80	60
ATOS 340	A79 / 99	60, 80, 100	60, 80, 100	60, 100
ATOS 350	A79 / 99	60, 80, 100	60, 80, 100	60, 100
ARION 410	A21	80, 100, 120	80, 100, 120	100
ARION 420	A21	80, 100, 120	80, 100, 120	100
ARION 430	A21	80, 100, 120	80, 100, 120	100
ARION 410	A32 / 52 / 72	80, 100	80, 100	100
ARION 420	A32 / 52 / 72	80, 100	80, 100	100
ARION 430	A43 / 53 / 73	80, 100, 120	80, 100, 120	100
ARION 440	A43 / 53 / 73	80, 100, 120	80, 100, 120	100
ARION 450	A43 / 53 / 73	80, 100, 120	80, 100, 120	100
ARION 460	A43 / 53 / 73	80, 100, 120	80, 100, 120	100
ARION 470	A73	80, 100, 120	80, 100, 120	100

Model	Type	FL	FL C	FL E
ARION 510	A18	100, 120, 140	100, 120	100
ARION 520	A18	100, 120, 140	100, 120	100
ARION 530	A18	100, 120, 140	100, 120	100
ARION 540	A18	100, 120, 140	100, 120	100
ARION 520	A34	100, 120, 140	100, 120	100
ARION 530	A34 / 35	100, 120, 140	100, 120	100
ARION 540	A34 / 35	100, 120, 140	100, 120	100
ARION 550	A34 / 35	100, 120, 140	100, 120	100
ARION 510	A74 / 75 / 94 / 95	100, 120, 140	100, 120, 140	100
ARION 530	A74 / 75 / 94 / 95	100, 120, 140	100, 120, 140	100
ARION 550	A74 / 75 / 94 / 95	100, 120, 140	100, 120, 140	100
ARION 610 C	A20	100, 120, 140	100, 120, 140	100
ARION 620 C	A20	100, 120, 140	100, 120, 140	100
ARION 630 C	A20	120, 140, 150	120, 140	—
ARION 640 C	A20	120, 140, 150	120, 140	—
ARION 610	A19	100, 120, 140	100, 120, 140	100
ARION 620	A19	100, 120, 140	100, 120, 140	100
ARION 630	A19	120, 140, 150	120, 140	—
ARION 640	A19	120, 140, 150	120, 140	—
ARION 620	A36 / 37	120, 140, 150	120, 140	—
ARION 630	A36 / 37	120, 140, 150	120, 140	—
ARION 640	A36 / 37	120, 140, 150	120, 140	—
ARION 650	A36 / 37	120, 140, 150	120, 140	—
ARION 610	A76 / 77 / 96 / 97	120, 140, 150	120, 140	—
ARION 630	A76 / 77 / 96 / 97	120, 140, 150	120, 140	—
ARION 650	A76 / 77 / 96 / 97	120, 140, 150	120, 140	—
ARION 660	A77 / 97	120, 140, 150	120, 140	—
AXION 800	A40	250	—	—
AXION 810	A30 / 31 / 40 / 41	250	—	—
AXION 820	A30 / 31 / 40	250	—	—
AXION 830	A30 / 31 / 40 / 41	250	—	—
AXION 840	A30 / 31 / 40	250	—	—
AXION 850	A30 / 40 / 41	250	—	—
AXION 870	A41	250	—	—

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- MACH 2 for simple, manual connection of attachment hydraulic lines
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