



Combine harvesters

DOMINATOR

130



Everything you expect.

Built with your needs in mind.

Although the DOMINATOR 130 is the smallest member of the CLAAS family to be built at our production facility in Harsewinkel, Germany, it is characterised by exactly the same qualities that have made its big brothers, the AVERO, TUCANO and LEXION, such a success: it is just as reliable, flexible, comfortable and robust as they are. But then this is only to be expected as the DOMINATOR has been built at our main plant in Harsewinkel for over 30 years. "Made in Germany", its technology has proved itself countless times and is subject to continuous development.

The DOMINATOR is the ideal partner for all small and medium-sized farms which are seeking to operate with their own equipment to a greater degree and which want to be able to harvest at exactly the right moment. The DOMINATOR meets these requirements by taking on even the most demanding challenges and delivering impressively high quality which it is also able to maintain in constant use. What's more, you can count on first-class, highly professional service support from CLAAS.

On hand and ready for use whenever needed and absolutely reliable – there is really no denying the DOMINATOR's origins. It's simply one of the family.



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DOMINATOR 130.





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Welcome to the comfort zone.

The intelligent and ergonomic layout of all the instruments and controls in the DOMINATOR ensures that you can concentrate fully on getting the job done.





Monitoring the whole picture.



Optimum visibility.

You are always in touch with what's going on thanks to the large glazed area of the cab. It ensures you have an unrestricted view to the front and the sides so that you can monitor the cutterbar at all times.

Excellent lighting.

The powerful work lights turn night into day: two running lights, two work lights on the cab and a spotlight for the discharge spout ensure optimal illumination of every last corner of your working environment.



All information at a glance in central display

Commanding operating position.

You can only concentrate on your work fully and work with maximum productivity if you have a comfortable seating position and can assimilate all the relevant information at a glance. Sitting in the comfortable operator's seat of the DOMINATOR, you have all the key information in your immediate field of vision, including the analogue displays for the cutting height and ground pressure. What's more, the control and monitoring console with throughput monitoring is organised clearly and easy to operate.

The steering column is adjustable for maximum comfort. The central display integrated in the steering column provides all the key information:

- Warning lights for parameters/conditions such as engine temperature, battery charge, engine oil pressure, air filter, handbrake status
- Grain tank filling status for 100% and 70% full
- Function monitoring, such as the speed of the feeder housing, grain elevator, returns elevator, intensive separation system drive and the straw chopper; display of the speed of the transmission input shaft or the threshing drum



Direct view.

Sometimes a glance into the grain tank can tell you more than any number of sensors. A large inspection window in the back of the DOMINATOR cab enables visual yield monitoring. The returns can be seen comfortably from the operator's seat and the returns monitoring flap can be opened from the cab by means of a lever.



View of grain tank

Precise, positive controls.

Ergonomic cab.

There is usually only a narrow window of opportunity for the harvest. This means that you have to be able to concentrate fully on your work with every control input carried out correctly and instantaneously. The controls in the DOMINATOR are organised with this in mind: each lever and control is located in exactly the right position to ensure that you always have a full grasp of the situation and can avoid unnecessary control inputs.

Full control at your fingertips.

- A Front attachment on/off
- B Threshing system on/off
- C Grain tank offloading on/off
- D Grain tank discharge spout pivot in/out



Air conditioning and heating available



Stowage facilities enhance comfort



Everything within reach.


- 1 Control lever for hydraulic control unit (lifting hydraulics)
- 2 Cutterbar height indicator
- 3 Cutterbar pressure relief indicator
- 4 Control console
- 5 Straw walker and cleaning throughput control unit
- 6 Diesel engine speed adjustment
- 7 Gear shift
- 8 Lever for returns monitoring flap

- 9 Handbrake
- 10 Concave adjustment lever



Flexibility that pays.





Even the smallest member of our product family from Harsewinkel can handle the full range of threshable crops. Whether harvesting grain, rapeseed, maize, sunflowers, rice or other grain types – the DOMINATOR always makes the cut.

Equal to every task.



Impressive track record.

Speed, flexibility, versatility and experience acquired over many generations – these are prerequisites for working efficiently and profitably. The DOMINATOR has been built in Harsewinkel for over 30 years, during which it has undergone continuous development. The robust, reliable technology has been refined regularly and has proved itself countless times throughout this combine's long career. Whether harvesting grain, rapeseed, maize, sunflowers or rice, the DOMINATOR is equal to every task.

Ideally equipped.

Two different cutterbar widths are available for the DOMINATOR:

C420	m	4.27
C450	m	4.57



Fast reversing.

The DOMINATOR is equipped with a hydraulic reverse system which ensures that the machine is back in action again quickly if a blockage should ever occur. The hydraulic system enables protective reversing with high starting torque. It is actuated conveniently from the cab by means of a toggle switch.

A perfect cut.

The adjustable balancing springs on the hydraulic rams give the cutterbars excellent ground following characteristics. The robust knife drive, the resilient double fingers and the long stroke of the knives guarantee a clean, reliable cut while the crop lifters provide for loss-free crop pick-up. These characteristics – along with the long distance between the knives and the intake auger, the high auger thread and the universal feeder housing with three intake chains – ensure an absolutely even crop flow.



Hydraulic reversing



Maximum effectiveness. CONSPEED LINEAR.

A high picking rate with protective handling of maize ears at the same time has a critical influence on the throughput of the machine. The CONSPEED LINEAR maize picker meets these requirements and is perfectly matched to the capabilities of the DOMINATOR 130.

- 4-row version with 70 and 75 cm row spacing
- Linear snapping rollers
- Knives coated with tungsten carbide
- Fast, easy speed adjustment
- Energy-saving drive thanks to a redesigned, rugged snapping gear
- Mechanical snapping plate adjustment
- Horizontal chopper

The CONSPEED LINEAR can be equipped for sunflower harvesting with a sunflower kit.

- Sunflower kit:
- 1 Rear wall panel to minimise losses
 - 2 / 3 Knife holder and knife between the snapping plates
 - 4 / 5 Right/left chain guide



Reassuringly powerful.

Threshing technology from CLAAS – you would expect nothing less from the DOMINATOR. Outstanding quality through reliable and well-proven technology.





Economical, through and through.



Greater profitability.

The DOMINATOR delivers a long-term reduction in your harvest costs and so meets the need for greater profitability. The CLAAS threshing mechanism has demonstrated its excellent performance characteristics hundreds of thousands of times and it goes without saying that it provides clean threshing, protective grain handling, optimal deawning and high separation efficiency. In this way, even the smallest member of our family ensures optimum grain quality and responds to the growing demands of the market.

Advanced technology.

The DOMINATOR may be smaller than other combines, but its threshing performance is extremely powerful. It also impresses with its first-class technology. The rugged Vario drive with automatic tensioning allows the rotation speed of the threshing drum to be adjusted continuously and delivers high torque reliably – even under difficult conditions. Like the concave gap, it can be adjusted from the cab. Furthermore, for optimum deawning and decortication, an intensive threshing segment can be fitted to/removed from the front concave segment area quickly and easily.



The MULTICROP concave enables a fast changeover from grain to other crops, such as maize.



Proven straw-walker technology.

Residual grain separation is carried out over a total length of 3900 mm with four steps. Even large volumes of straw are transported rapidly and loosely along the four straw walkers. Extensions can be attached to the straw walkers for intensive loosening, especially in the case of wet and heavy straw.

Active fluffing.

The intensive separation system from CLAAS has also proved itself countless times and has impressed users for years with its high efficiency. The controlled agitator tine above each of the four straw walkers digs deep into the straw, loosening and fluffing it and so increasing the separation performance.

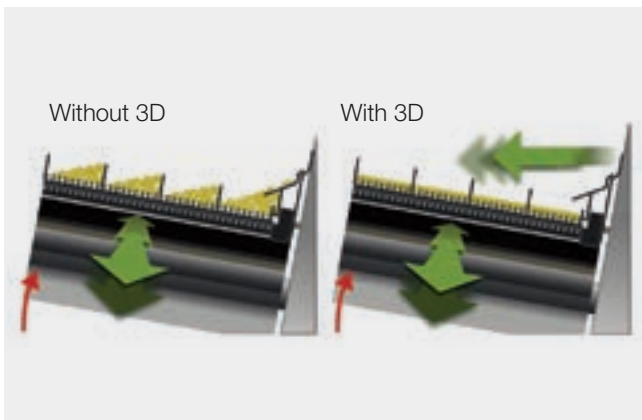
Large stone trap.

The large stone trap ensures a high degree of safety. It is easy to open and is self-emptying.



Crankshaft with agitator tines to loosen the straw mass

Effective on slopes, too.



A clean crop, whatever the angle.

Pre-sorting of the crop to be cleaned takes place on the long preparation floor of the DOMINATOR. The heavy grains accumulate at the bottom, the light chaff and short straw above, on the preparation floor. The resulting reduction in the load on the upper sieve increases the cleaning capacity.



Powerful fan.

A powerful fan in the DOMINATOR makes for excellent grain cleaning. The fan, which can be adjusted continuously from the left side of the machine, ensures consistent air pressure and even distribution of air. Forced air guidance prevents the formation of crop mats. In addition, the DOMINATOR benefits from the impressive characteristics of the 3D-cleaning system developed by CLAAS. Additional oscillation of the upper sieve in an uphill direction prevents the build-up of an increased load on one side of the sieve pan. Even when the combine is operating on a 20% side slope, the crop is cleaned perfectly without the need for any reduction in ground speed.



Large grain tank.

The DOMINATOR has a grain tank capacity of 3200 litres, an impressive figure for a machine in its output class. The grain tank can also be emptied quickly without leaving any residual grains.



The returns can be viewed from the operator's seat.



High-performance cleaning fan

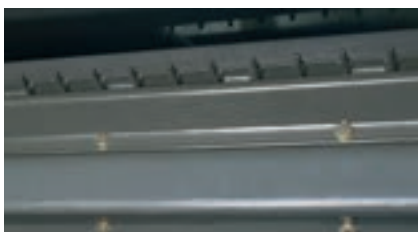


Powerful straw chopper.

The straw walker design ensures optimum straw quality for baling. And if there is no need to harvest the straw, you can simply use the chopper, whose 40 blades and speed of 3300 rpm ensure that it is chopped short and distributed evenly over the entire width of the cutterbar.



Superior performance, even in rice.



Impeller with additional toothed bars

A threshing mechanism that's easy on the crop.

As rice forms panicles rather than ears, the threshing process is more a question of combing out. This is why the DOMINATOR has a spike tooth concave instead of the rasp bar threshing drum normally used for harvesting cereal crops. This ensures that the delicate rice grains are not damaged during threshing. Additional toothed bars are bolted to the impeller.



Effective residual grain separation.

For rice harvesting, each of the four 3900-mm-long straw walkers can be equipped with rice riders. In addition, controlled agitator tines above each straw walker dig deep into the straw, loosening and fluffing it. Given the particularly hard and aggressive character of rice straw, this results in a significant improvement in residual grain separation.

Dirt-resistant grain collection.

As a result of the special cultivation technique used, rice is in immediate contact with water. This represents an extremely challenging working environment for harvesting machines. Soil constituents dissolved by the water adhere to the plant with the result that an extremely large proportion of dirt is picked up by the machine during harvesting. This is why the grain collection components are made of wear-resistant materials.



Steel crawler belts.

The flooding of the rice fields during the growing season means that ground conditions can be very wet at harvest time. To facilitate mechanical harvesting, the DOMINATOR is equipped with special steel crawler belts which prevent the vehicle from sinking in deeply and have an impressively high load bearing capacity.

Steering axle optimised for use in rice.

The steering axle can be equipped with a wheel position indicator. With this feature fitted, the position of the rear wheels, which is difficult to see from the operator's seat, is indicated mechanically in the cab. All the axle bearings are specially sealed and protected against moisture and the wet. Furthermore, the height of the steering axle has been increased to provide greater ground clearance when operating in wet terrain.

Optimal drive for best results.



Optimal drive for maximum performance: CPS.

Equipment development at CLAAS means an ongoing effort for even greater efficiency and reliability as well as optimal profitability in the field.

Of course, this applies to all aspects of a CLAAS combine harvester. The drive system is of decisive importance – and requires much more than just a powerful engine.

In CLAAS POWER SYSTEMS (CPS), we have brought together the best components in a drive system in a class of its own. One that always delivers the greatest power when needed. Ideally matched to the work systems, with fuel-saving technology that quickly pays for itself.

"Whether faced with fields far apart, steep slopes or inclines, CLAAS POWER SYSTEMS always deliver consistently good results."

Powerful and economical.

Powerful engines.

The DOMINATOR 130 is equipped with the latest engine technology from Perkins:

Perkins 1106D-70TA

Maximum output (ECE R 120): 112 kW/152 hp

Diesel tank capacity: 200 l

Economical technology.

The powerful, rugged 6-cylinder diesel engine from Perkins is perfectly matched to the DOMINATOR. Thanks to the Perkins engine technology you have even more power at your disposal: the output of 112 kW/152 hp ensures that sufficient power is available in every harvesting situation. The engines comply with the Tier 3 emissions standard.

The highly advanced Stage IIIA technology (Tier 3) and CLAAS POWER SYSTEMS represent an investment in top performance and the highest work quality – at an optimum price. What's more, the technology allows exhaust gas emissions to be reduced significantly – to a level which complies with the current standards – without the need for costly additional equipment such as a diesel particulate filter or an SCR catalyst.



Fuel-saving drive.

With its rugged mechanical drive the DOMINATOR offers you a reliable system which allows direct power transmission and so saves fuel.

Intelligent layout.

The engine compartment is situated immediately behind the grain tank for easy access when carrying out maintenance tasks. All the key assemblies can be reached quickly and easily from the large service platform.





Maintenance – quickly carried out.



Easy access.

Long on maintenance intervals, short on downtime – that's the DOMINATOR. When it is finally time to carry out maintenance tasks, large maintenance doors all round provide unrestricted access to all the maintenance points.

What's more, you can access the engine compartment quickly by means of the portable ladder. The radiator frame pivots to allow manual cleaning to be carried out quickly. The cab filter and air filter are also very easy to clean. Small repairs can be carried out rapidly with the high-quality tools contained in the standard-fit toolbox.





Optimal tyres.

Tyres - drive axle	Vehicle width (m)
18.4-30 12PR R1 TT KB	2.69
23.1-26 12PR R1 KB F20	3.04
23.1-26 R2 Dia	3.04
620/75 R 26 16EA8 F20	3.04
750/65 (R 26) 166A8 TL Mi	3.14
Steel half track	3.39

Tyres - steering axle	Vehicle width (m)
12.5/80-18 IMP (320/80-18)	2.43
14.5/75-20 IMP(360/80-20)	2.72
9.5-24 R1	2.68



More service from us. More success for you.



CLAAS ORIGINAL. Long live your machine!

Members of the First CLAAS Service teams from CLAAS sales partners worldwide are available round the clock to provide a full spare parts supply and reliable service. They are on hand to assist you at any time, with expert knowledge, experience and a genuine commitment to you and your machine, and can also supply CLAAS ORIGINAL parts, characterised by top quality, superb function and a long service life, within very short timeframes.

We're there for you wherever you need us.

Our central parts warehouse in Hamm (Germany) delivers all CLAAS ORIGINAL parts quickly and reliably all over the world. The dense network of CLAAS dealers around the world ensures that parts reach their destination as quickly as possible – wherever you happen to be.

In the best hands.

CLAAS dealers are among the most efficient agricultural technology companies in the world. Our service teams are ideally qualified and equipped with the all-important special tools and diagnostic systems. CLAAS Service stands for high-quality work which meets all your expectations with regard to expertise and reliability.

Invest in the best. Invest in success!

Increasing cost pressure and narrow timeframes during the harvesting season call for measures with which you can ensure the availability of your machine – far beyond the first twelve months covered by the statutory warranty. With this in mind, CLAAS offers individual service products with easily predictable costs which ensure that you can count on a high degree of reliability and efficiency. With the CLAAS post-harvest check, maintenance contract and MAXI CARE (warranty extension) service products, we can tailor a service package to meet your specific requirements. This allows you to work on the basis of predictable costs while minimising the risk of a machine breakdown.



The international CLAAS spare parts warehouse holds 135,000 different parts and has a storage area of 40,000 m².



Technology at a glance.





- 1 Comfort cab
- 2 Perkins engine
- 3 Intensive separation system
- 4 Straw chopper
- 5 Chaffer sieves / TM 6 sieves
- 6 3D-cleaning system
- 7 High-velocity cleaning fan
- 8 Threshing system
- 9 Cutterbar with working widths of 4.27 m and 4.57 m
- 10 Crop lifters
- 11 Dividers
- 12 Mechanical reel drive
- 13 Hydraulic reversing

Outstanding features.



- Made in Germany: as always, the DOMINATOR 130 is built at our main plant in Harsewinkel and impresses with its reliable, rugged technology
- The ideal harvesting machine for small and medium-sized farms seeking to operate with their own equipment to a greater degree
- Advanced technology for use in all crop types
- Cutterbar with widths from 4.27 m to 4.57 m
- Hydraulic reversing
- MULTICROP concave for fast changeover between grain and maize
- Improved crop flow thanks to greater space above the straw walkers
- The highly effective CLAAS Intensive Separation System
- 3D-cleaning system for slopes up to 20%
- 3200 l grain tank
- Perkins engine with 112 kW/152 hp
- Fast, convenient access to maintenance points
- First CLAAS Service around the clock for the entire machine, including the Perkins engine

DOMINATOR 130

Front attachments

Cutterbars (cutting widths)	m	C 420 (4.27) C 450 (4.57)
CONSPEED LINEAR maize picker		4-70 C, 4-75 C
Spacing: knife bar – intake auger	mm	580
Cutting frequency	strokes/min	1060
Multifinger intake auger		○
Reverser, hydraulic		○
Mechanical reel drive		●
Reel speed adjustment, mechanical 12–47 rpm		●
Horizontal reel adjustment, electrohydraulic		○
Ground pressure control, spring system		●

Threshing system

Flanged drum construction		●
MULTICROP		○
Drum width	mm	1060
Drum diameter	mm	450
Drum speed 650–1500	rpm	●
Drum speed 500–1400	rpm	○
Threshing drum speed reduction	rpm	300, 430, 550
Concave wrap angle	degrees	117
Concave adjustment from the cab		mechanical
Stone trap		●
Rice threshing unit		○

Residual grain separation

Straw walkers	No.	4
Straw walker steps	No.	4
Straw walker length	m	3.9
Straw walker area	m ²	4.13
Separation area	m ²	4.8
1 intensive separation system		●

Crop cleaning

Removable preparation floor		●
Fan		High-velocity cleaning fan
Fan adjustment, mechanical		●
Counterdirectional sieves		●
3D-cleaning system		○
Total sieve area	m ²	3.00
Returns feed to drum		●
Returns visible from the cab on the go		●

Grain tank

Capacity	l	3200
Discharge auger, hydraulically pivoting		●
Discharge rate	l	35

Chopper

Straw chopper		○
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Engine

Manufacturer		Perkins
Model		1106D-70 TA
Cylinders / displacement		S 6/7.0
Engine control		mechanical
Maximum output (ECE R 120)		112 (152)
Fuel tank capacity, 200	l	●
Emissions standard Stage IIIA (Tier 3)		●
Ground drive		mechanical

Tyres

front		18.4-30 12PR R1 TT KB
		23.1-26 12PR R1 KB F20
		23.1-26 R2 Dia
		620/75 R 26 16EA8 F20
		750/65 R 26 166A8 TL Mi
		Steel half track
rear		12.5/80-18 IMP (320/80-18)
		14.5/75-20 IMP(360/80-20)
		9.5-24 R1

Dimensions and weights

Height with cab	mm	3700
Length without cutterbar	mm	7200
Weight, without cutterbar, with straw chopper	kg	approx. 7830
(Weights depend on equipment, fuel tank full)		

CLAAS continually develops its products to meet customers' requirements, so all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please consult your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid hazards, never remove these protective panels yourself. Please refer to the relevant instructions in the operator's manual in this regard.

All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.



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