



NEXOS 260-220
Up to your challenges.

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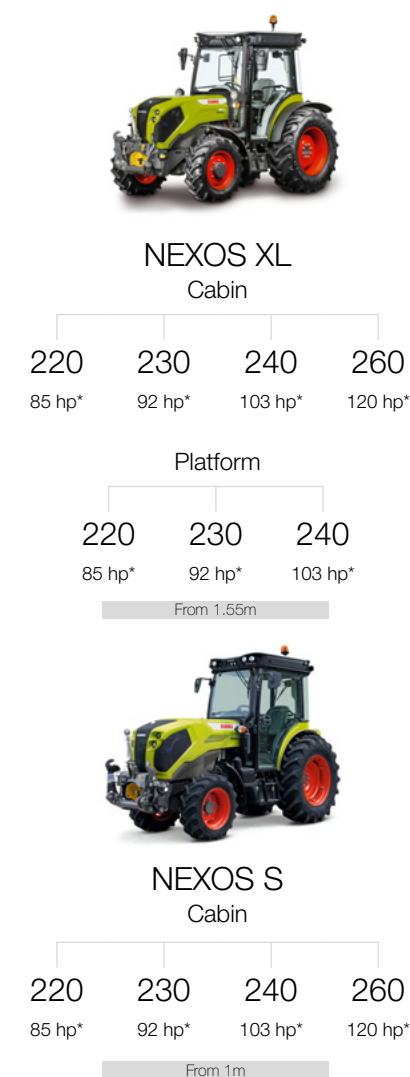
Table of content

The NEXOS range	4
News	5
Engine environment	6
A comfortable and versatile tractor	7
A complete NEW transmission	8
A powerful rear axle	9
Two cabin options	10
6 post cab	12
4 post cab	13
NEXOS LD and MD	14
The dimensions	16
Technical data	17

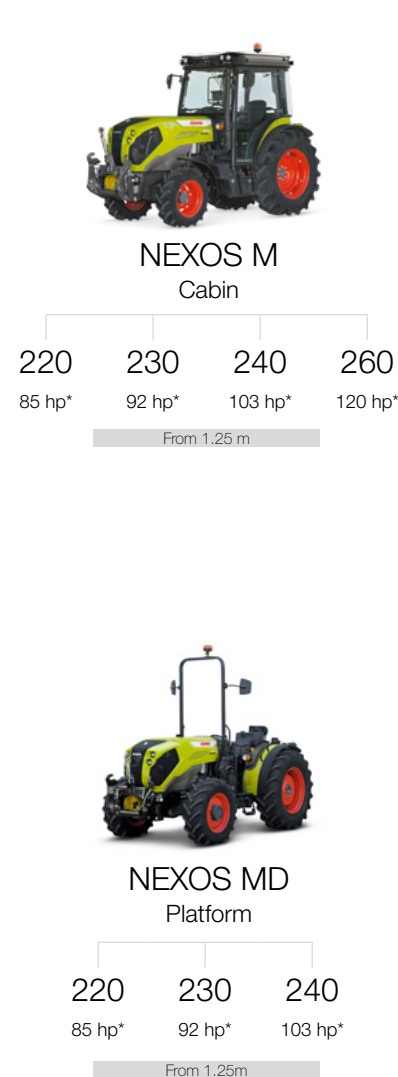
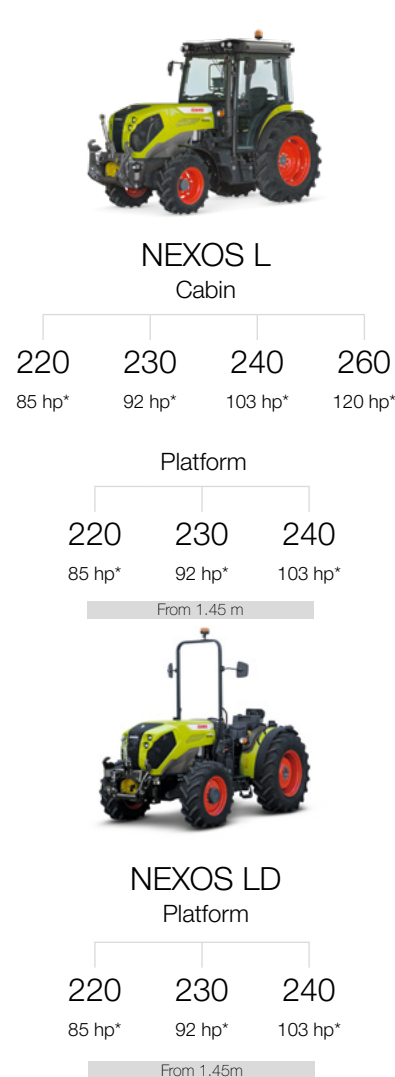


More information about
the NEXOS on
claas.com

The NEXOS range



* Max Power : ECE R120



NEW

News



New cab.

The complete NEXOS range is now available with a new cab. 2 large doors for a perfect accesibility to the driver seat. Only 4 posts around the cab to keep a perfect visibility on the implements.

Inside the cab there is a complete new steering colomn, retracteble with a foot pedal. The driver will also enjoy more space and a better visibility to the rear of the tractor. This new cab is now with a flat floor for the best driving comfort.

CLAAS introduces a new offer for mid-mounted implements:

- A new fuel tank 75l capacity and a new design which allows better mid mounted implements integration
- A new hydraulic offer: up to 10 mid-mounted outlets for the implements



New fuel tank.

The NEXOS with the 4 post cab tractor can now be equipped with a new 75l fuel tank. Its dedicated design was created to simplify the integration of the mid-mounted implements. This design now offers as well a perfect visibility for the driver for inter-row applications.



New automation.

This new cab comes along with some automatic features like the AUTO PTO and the activation / deactivation of the rear PTO. For example, this fonctionnality offers the best comfort for the driver when using a mower. The driver just have to manage the machine turn, the activation / deactivation of the PTO is automatic.



Dynamic Steering.

Available on the 4-post cab, this feature halves the number of steering wheel turns from lock to lock. The dynamic steering enhances the tractor's comfort and maneuverability. It automatically deactivates and reactivates based on the forward speed.



SMART STOP.

This function is ideal for vineyard work or apple harvesting. The auto de-clutching when using on the brake pedal allows the tractor to stop smoothly, optimizing direction changes or even the loading of bins.

Engine environment



Easy and simple daily maintenance.

From the 220 up to the 260, the new NEXOS is equipped with an FPT 3.6 L engine.

A new engine under a complete new bonnet for the best possible front visibility. From 85 to 120 hp, the complete after-treatment system is fully integrated under the bonnet.

Stage V compliant, this new NEXOS generation has now an Ad-Blue tank of 10l capacity integrated under the bonnet.



New fuel tank.

With up to 103l capacity, this the new fuel tank is now located under the cab. This position supports best stability in hilly conditions, thanks to the low center of gravity. As standard, there is a 75l tank available.

Avantages :

- High capacity for long days, ideal for spraying applications
- Low center of gravity, best stability in all conditions
- A complete metallic protection under the fuel tank to protect it

New battery master switch.

New position close to the door entrance for best accessibility. A complete new design and technology for a better reliability and ergonomoy.

2 engine memories.

Get more comfort with this option, easy to change and easy to set. As standard all the range is equipped with 1 engine memory.

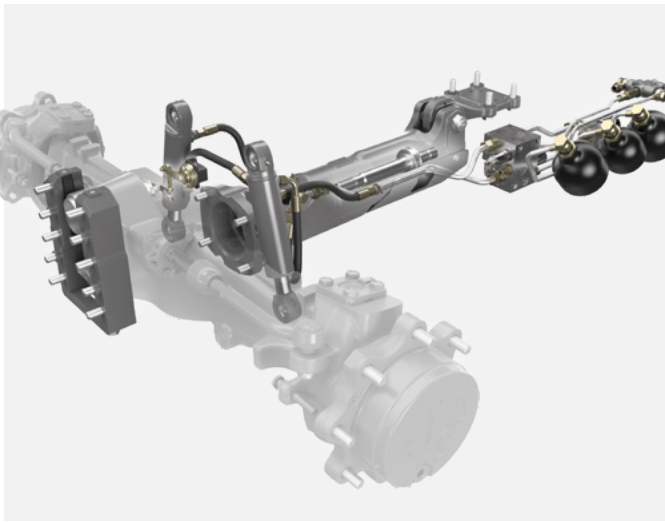
Vertical exhaust pipe.

Fully integrated within the width of the tractor, and mounted directly in front of the cab pillar, this exhaust pipe will never compromise the front visibility!

Horizontal exhaust pipe.

The best solution for low crop, located under the fuel tank, this solution is the best to avoid any collision with the branch of the trees. The protection itself, avoids the risk of breaking it.

A comfortable and versatile tractor



PROACTIV suspended front AXLE :

Firstly, the high level of comfort of the NEXOS is guaranteed by its design: low centre of gravity and a good weight distribution. But also: The PROACTIV suspended front axle is also an important element to increase the comfort.

During transport, the suspended front axle will compensate the road defects, but will also smoothout the acceleration and braking phases. The simplicity of the system provides easy maintenance.

An implement attached to the front or the side of the tractor ?

A front plate with holes is available for front implements. This strong solution limits the overall tractor length. It is also possible to combine the application with side plates for more efficiency.



Front weight carrier.

68 kg, capable of supporting up to 200 kg of additional weights.

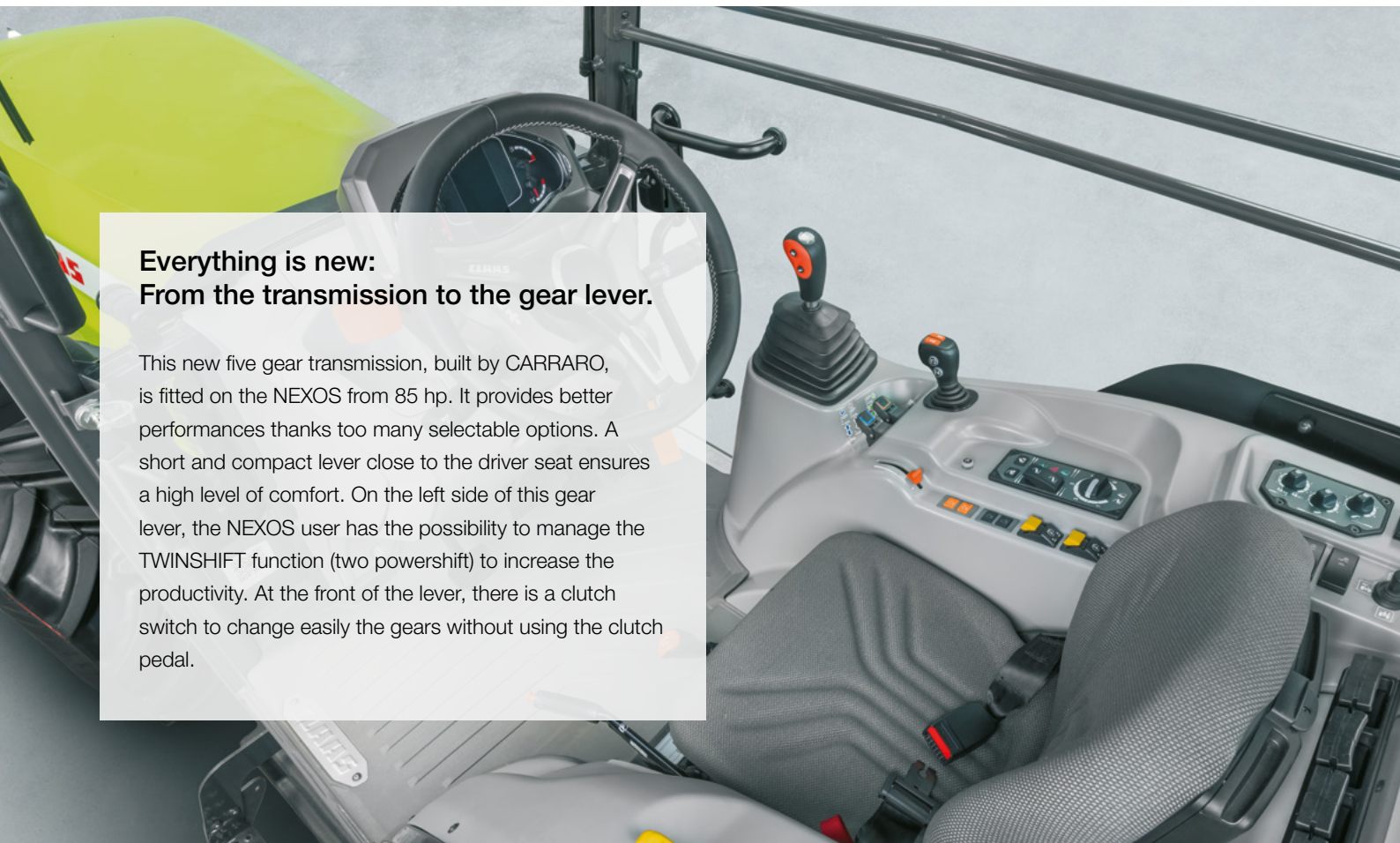


A new front lift.

An integrated front lift within the tractor's frame for maximum maneuverability. With a lifting capacity of 2.8 tons, it meets all demands.

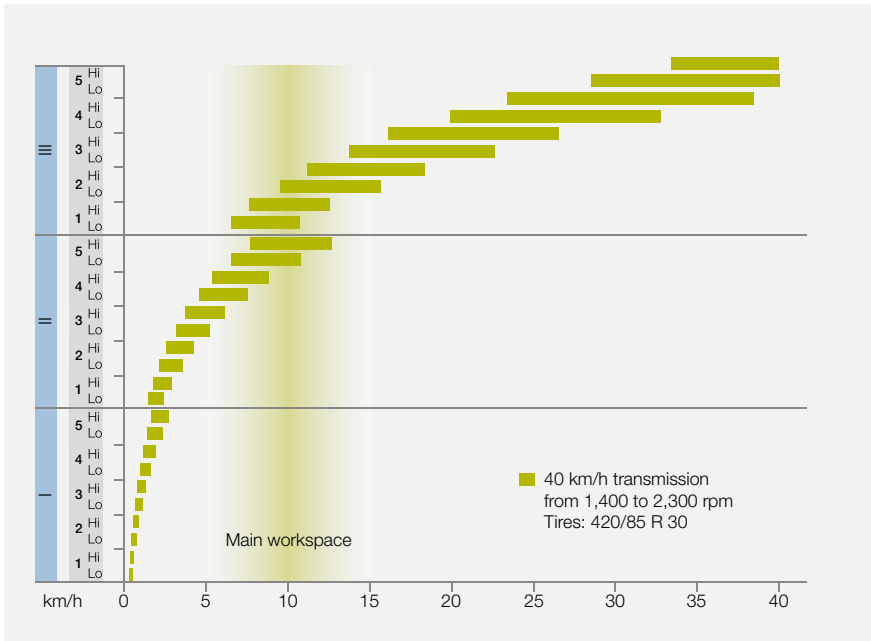


A complete NEW transmission



Everything is new: From the transmission to the gear lever.

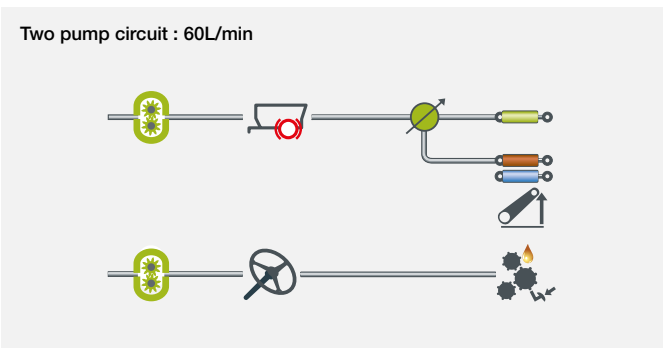
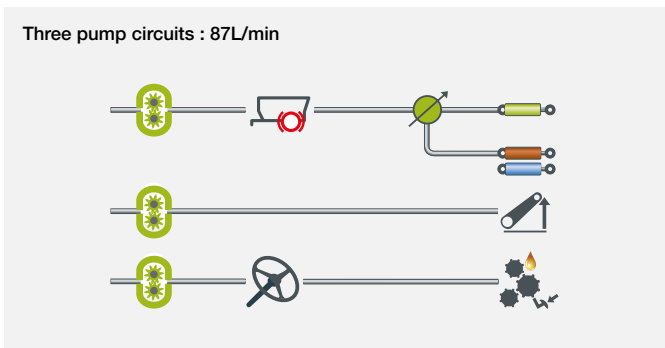
This new five gear transmission, built by CARRARO, is fitted on the NEXOS from 85 hp. It provides better performances thanks too many selectable options. A short and compact lever close to the driver seat ensures a high level of comfort. On the left side of this gear lever, the NEXOS user has the possibility to manage the TWINSHIFT function (two powershift) to increase the productivity. At the front of the lever, there is a clutch switch to change easily the gears without using the clutch pedal.



A perfect speed distribution.

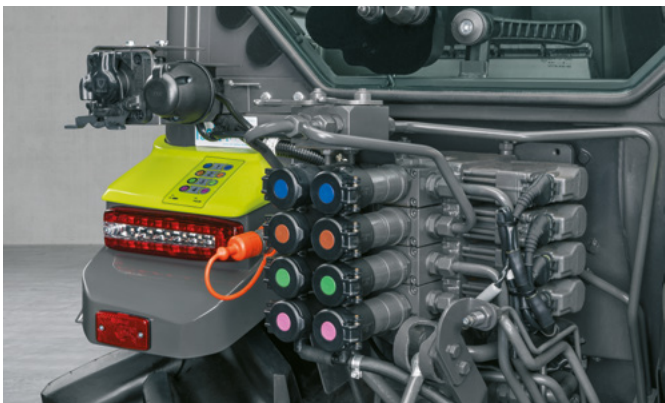
The 30x15 REVERSHIFT / TWINSHIFT transmission has a well managed speed distribution. With this new transmission, the NEXOS has in standard the 40 eco, 40kph at 1650 rpm to reduce fuel consumption and the noise level. The NEXOS offers the possibility to drive at 500m/h for applications at low speed.

Versatile and powerful rear axle



Two open center circuits to give an answer to all customers needs.

Two open center circuits to give an answer to all customers needs. As standard the two pump circuit is the simplest offer. With the different settings possibilities, this circuits is able to give an answer to all applications. For more efficiency and performance, the three pump circuits is available. One pump dedicated to the rear linkage and one for the spool valves.



The best accessibility to the rear couplers.

With the orientation to the left side of the tractor, the rear couplers are simple to operate. A clear colour code linked to the control in the cab, it provides to the driver a comfortable way to manage the hydraulic functions.

Mid mounted couplers.

Up to 8 outlets at the middle of the tractor (with one free return) are available. A good accessibility and a clear colour code increase the comfort of the driver.



A mechanical version with all the functionalities.

Even if it's a simple version, the NEXOS can be equipped with duplicator on the spool valves. One lever can manage 3 spool valves.



The CLAAS ELECTROPILOT with REVERSHIFT.

With EHSV the ELECTROPILOT can be fitted to manage the spool valve and the duplicator on the F3-F4 function. On the top of this, with the ELECTROPILOT the driver has the possibility to change the drive direction thanks to the reverser function.

Two cabin options: 6-post and 4-post.



6-post cabin:
Simplicity serving performance.

The 6-post cabin embodies simplicity. A straightforward option, available with category 4 filtration, LED lights, and up to 4 mechanical distributors. It's the perfect solution for novice drivers.



4-post cabin:
Space serving comfort.

With 2 fewer posts, this cabin offers impressive space and a breathtaking sense of freedom. Still within a compact size, this new cabin provides even more comfort. Thanks to the new SMART STOP and Dynamic Steering features, there's no need to choose between comfort and performance. The leather steering wheel is a new addition, offering a sense of quality and an innovative design inspired by the ARION and AXION ranges.

Keys options available :

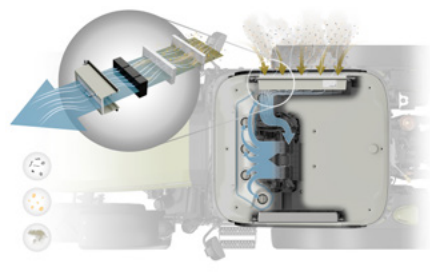
	4 post cab	6 post cab
REVERSHIFT	●	-
Mechanical inverter	-	●
SMART STOP	○	-
Electrical distributors	○	-
Mechanical disdistributors	●	●
Mechanical lifting	-	●
Electric lift	●	-
LED lights	●	●
Flat floor	●	●
Cab category 4 filtration	○	○

● Serial ○ Option - Not available



Two cabs with flat floor.

The flat-floor cab is the most comfortable solution in the market! Excellent accessibility and ample legroom are now possible on the NEXOS.



Category 4 filtration integrated into the cabin roof.

The new Category 4 system is fully integrated into the roof for enhanced comfort and safety. It is managed through a dedicated menu on the dashboard.



PTO activation.

The PTO activation is now possible from the rear fender.



New design of the fenders.

The rear fender have been modified to fits perfectly with the new cab design. Optional fender extensions are available for mud protection and to complete the NEXOS appearance.

6-post cabin

Cab version.



- 1. Lift rods and stabilizer functions
- 2. Rear linkage settings | 3. Stabilizers locking
- 4. Spool valves | 5: Rear linkage control | 6. Engine memory



Coloured dashboard.

The multifunction dashboard can manage all functions of the tractor. The driver will use it to maintain the hydraulic, linkage, cab filtration or the transmission settings. The user friendly menu structure supports the ease of work.



Available with up to 4 mechanical distributors with a splitter.

A simple and intuitive tractor version for maximum efficiency. This cabin version comes with 4 mechanical distributors and a splitter that allows the flow from distributor number 1 to be divided among 6 different couplers. It's a capable solution even for complex tools.

NEW

4-post cabin

Cab version.



- 1. Lift rods and stabilizer functions
- 2. Rear linkage settings | 3. Stabilizer locking
- 4. Fingertips hydraulic control | 5: Rear linkage control | 6. Engine memory



The new steering column.

In this new cab, you'll find the CLAAS DNA: a foldable and height-adjustable steering column inspired by the ARION and AXION ranges.



New Cabin Roof.

This brand-new flat cabin roof includes: fully integrated wiper motor for optimal optimized visibility, Category 4 filtration, and a wide range of LED work lights. Up to 8 LED work lights are available for long working days!



New Screen Mounting Tube.

This new rail allows screen mounting across the entire width of the tractor's right door. An ideal solution to enhance visibility.



New Cable Pass-Through.

A new cable pass-through system at both, the front and rear of the tractor. This system ensures the required seal of the cabin for Category 4 filtration. Storage spaces are provided behind the seat to manage cable pass-throughs of different diameters.

NEXOS LD and MD

Platform version.



Simple configuration.

With all the functionalities located on the right side console, this tractor is the best choice for simplicity and mature performance. A simple interface, well adapted to all drivers.



Compact design.

With 1.3m height at the top of the bonnet this tractor is capable to navigate under the branches and low trees.



Toolbox.

The tractor is equipped in standard with a toolbox accessible from the driver seat. Made in plastic, this toolbox is easy to clean.



Fuel tank protection.

The tractor is equipped in standard with a protection plate under the tractor that ensures a high safety level for the fuel tank.



Mechanical rear linkage management.

The rear linkage can be managed by this roller to hitch an implement. This option offers safety and comfort for the driver.



Gearbox management.

With an ergonomic position, the gear lever is easy to use in all conditions. The gear lever is equipped with a clutch switch for more comfort.



REVERSHIFT.

The most convenient solution to change the driving direction. Without free wheel, the REVERSHIFT ensures a high reactivity.



Battery master switch.

This electromechanical battery master switch is accessible from the driver seat, and easily identified by its red cover.



Testimony of M. Batistini :

Farmer in Corsica. (France)

This is a tractor that is easy to use and has seen many improvements over previous generations. I find them significant, especially regarding the gear levers and hydraulic controls. Maintenance has also been simplified with the improvement of diesel tank refilling.

These developments have particularly helped my farm staff to handle them better and save time, especially when attaching a tool.



Discover in our YouTube Channel the video testimony of M. Batistini. Owner of 4 NEXOS in Corsica.

The dimensions.

	Unit of measure	260-220 XL Cabin	240-220 XL Platform	260-220 L Cabin	240-220 L Platform	240-220 LD Platform	260-220 M Cabin	240-220 MD Platform	260-220 S Cabin
Height - From Center of rear axle to below mentioned point									
Centre of rear axle to the highest point (steering wheel) of the tractor with folded rollover (11)	mm	-	905	-	905	905	-	905	-
Centre of rear axle to the top of the rollover (unfolded position) (12)	mm	-	2099	-	2099	2099	-	2099	-
Center of rear axle to top of the cab (8)	mm	1859	-	1859	-	-	1859	-	1859
Center of rear axle to top of the bonnet (9)	mm	880	880	880	880	880	880	880	880
Center of rear axle to top surface of the fenders (10)	mm	766	754	766	754	605	766	605	766
Height - Overall height of the machine, from ground to below mentioned point									
Ground clearance front 2WD	mm	-	-	-	-	-	-	-	306-423
Ground clearance front 4WD	mm	223-348	375	223-348	375	312	223-348	312	213-348
Lenght									
Wheelbase 4WD version	mm	2154	2154	2154	2154	2105	2178	2115	2178
Wheelbase 2WD version	mm	-	-	-	-	-	-	-	2178
Overall length (with front weight carrier, without front ballast, at end of rear linkage in horizontal position) (10)	mm	4038	4038	4038	4038	3999	4038	3999	4038
Width									
Space feeling									
Minimum inner wheel arches width (inside cab) (1)	mm	600	600	600	600	520	520	520	450
Crop protection									
Overall roof dimension (2)	mm	1250	-	1250	-	-	1250	-	1050
Cabin width (3)	mm	1230	-	1230	-	-	1230	-	973
Minimum overall width at fender without extension (4)	mm	1280	1280	1280	1280	1070	1200	1070	1000
Tractor width at rear fenders with optional fenders 30 mm	mm	-	-	1310	-	-	1230	-	1030
Tractor width at rear fenders with optional fenders 80 mm	mm	1360	-	1360	1360	1150	1280	1150	1080
Tractor width at rear fenders with optional fenders 160 mm	mm	1440	1440	1440	1440	1230	-	1230	-
Tractor width at rear fenders with optional fenders 300 mm	mm	1580	1580	-	-	-	-	-	-
Tyres setting									
Minimum inner wheel with arches width (5)	mm	674	660	674	660	660	594	580	524
Minimum external width (measured at rear tyres) (6)	mm	1685	1705	1364	1438	1555	1239	1326	1033
Maximum external width (measured at rear tyres) (7)	mm	2136	2135	2005	1949	1764	1735	1606	1635
Weight									
Empty weight 4WD	kg	3435	2975	3345	2885	2840	3285	2780	3200
Empty weight 2WD	kg	-	-	-	-	-	-	-	3050
Max. permissible weight 4WD	kg	4800	4400	4800	4400	4200	4800	4200	4500
Max. permissible weight 2WD	kg	-	-	-	-	-	-	-	4200



Technical information.

ENGINE	Unit of measure	260	240	230	220
Manufacturer		FPT	FPT	FPT	FPT
Number of cylinders		4	4	4	4
Displacement	cm³	3600	3600	3600	3600
Maximum power (ECE R 120)	kW/hp	88/120	76/103	68/92	62/85
Maximum torque (ECE R 120)	nm	466	406	366	334
Rated rpm	rpm	2300	2300	2300	2300
Max power engine speed	rpm	2000	2000	2000	2000
Max torque engine speed	rpm	1500	1500	1500	1500
Fuel tank capacity as standard	l	75	75	75	75
Fuel tank capacity with front PTO	l	75	75	75	75
Fuel tank capacity with additional tank (optional)	l	100	100	100	100
Ad-blue tank capacity	l	10	10	10	10
Maintenance interval (engine oil)	h	600	600	600	600

TRANSMISSIONS	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
Trend transmissions						
Platform						
12/12 mechanical transmission with mechanical reverser	●	●	-	●	-	●
24/24 mechanical transmission with mechanical reverser and splitter	○	○	●	○	●	○
24/24 mechanical transmission with REVERSHIFT and mechanical splitter	-	○	-	○	-	-
24/12 mechanical transmission with REVERSHIFT and TWINSHIFT	○	○	○	○	○	○
Comfort transmissions						
Cabin						
15/15 mechanical transmission with mechanical reverser	○	○	-	○	-	○
30/30 mechanical transmission with mechanical reverser and splitter	●	●	-	●	-	●
30/15 mechanical transmission with REVERSHIFT and TWINSHIFT	○	○	-	○	-	○

REAR AXLE	Unit of measure	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
Flange to flange distance	mm	1540	1242	1242	972	972	892

REAR PTO	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
540/540E	○	○	●	○	●	○
540/1000	●	●	○	●	○	●

● Serial ○ Option - Not available

CLAAS is constantly striving to adapt its products to the requirements of professionals. We reserve the right to make changes. Descriptions and illustrations are not binding. May include optional equipment. This brochure has been printed for use worldwide. Please refer to the price list of your CLAAS dealer for the technical equipment of the machines. In some cases, protective devices have been removed from the photos. This is to illustrate the function more clearly, but must not be imitated in any way in order to avoid accidents. The instructions in the user manual must be followed. All technical information on the engines refers to the European directive for regulating exhaust emissions. The Tier standard is mentioned in this document for information purposes only, in order to facilitate understanding, without any guarantee of homologation in regions where exhaust emission regulations are based on the Tier standard.

HYDRAULICS	Unit of measure	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
Open-centre hydraulic circuit 2 pumps, 60 l/min		●	●	●	●	●	●
Hydraulic output to rear linkage and spool valves	l/min	60	60	60	60	60	60
Total output at nominal engine speed	l/min	60	60	60	60	60	60
Max. operating pressure	bar	190	190	190	190	190	190
Number of mechanical spool valves at the rear (min./max.)		2/3	2/3	2/3	2/4	2/3	2/4
Hydraulic duplicator		-	-	-	○	-	○
Flow rate control 0-60 l for one spool valve		-	-	-	○	-	○
Free oil return		○	○	○	○	○	○
Leaking oil collector		●	●	●	●	●	●

Open-center hydraulic circuit 3 pumps, 87 l/min		○	○	○	○	○	○
Hydraulic output to rear linkage	l/min	27	27	27	27	27	27
Hydraulic output to spool valves	l/min	60	60	60	60	60	60
Total output at nominal engine speed	l/min	87	87	87	87	87	87
Max. operating pressure	bar	190	190	190	190	190	190
Cabin : Number of mechanical spool valves at the rear (min./max.)		3/4	3/4	2/3	3/4	-	3/4
Platform : Number of mechanical spool valves at the rear (min./max.)		2/3	2/3	2/3	-	2/3	-
Cabin : Number of electro-hydraulic spool valves at the rear		4	4	-	4	-	4
Hydraulic duplicator		-	○	-	○	-	○
Flow rate control 0-60 l for one spool valve		○	○	○	○	○	○
Free oil return		●	●	●	●	●	●
Leaking oil collector		●	●	●	●	●	●

FRONT LIFT & PTO	Unit of measure	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
Front lift							
Double acting front hitch		●	●	●	●	●	●
Cat II lower hooks		●	●	●	●	●	●
Front lift suspension		●	●	●	●	●	●
Max. lifting capacity at ball ends	kg	2910	2910	2910	2910	2910	2910
Front PTO							
Front PTO 1000 RPM		○	○	○	○	○	○
Front PTO 540eco RPM		○	○	○	○	○	○

REAR LIFT	Unit of measure	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
Platform : Mechanical 2.4 t rear lift		●	●	●	-	●	-
Cabin: Mechancial 3 t rear lift		●	●	-	●	-	●
Cabin : Electro-hydraulic 3 t rear lift		○	○	-	○	-	○
Max. lifting capacity at ball ends	kg	3110	3110	2490	3110	2490	3110
Continuous lifting power at ball ends	kg	3000	3000	2390	3000	2390	3000
Rear lift suspension		●	●	●	●	●	●

FRONT AXLE	Unit of measure	260-220 XL	260-220 L	240-220 LD	260-220 M	240-220 MD	260-220 S
4 wheel drive front axle							
PROACTIV suspended front axle		-	○	-	○	-	○
Optimum turning radius	m	3,45	3,54	3,41	4,0	3,34	3,65
Corresponding tyres		280/70R20	280/70R16	280/70R18	260/70R16	240/70R16	7.5R15
Corresponding track setting	mm	1414	1371	1483	1111	1278	984
2 wheel drive front axle							
Standard fixed 2WD front axle - 893 - 1193 mm width		-	-	-	-	-	○

● Serial ○ Option - Not available

