

Versatile harvester for wide vineyards
olives and super-intensive woody crops
GREGOIRE GX9.6 MIXTA

GREGOIRE
PASSEZ À L'AVENIR*

**GX9.6
MIXTA**



*SHIFT TO THE FUTURE



**During the years
GREGOIRE has
been able to
develop its
products to
meet all of
your harvesting
requirements.**

50 years of experience

GREGOIRE offers a wide range of vineyard maintenance equipment : sprayers, self-propelled or trailed harvesters for grapes and olives. The main qualities of the GREGOIRE products range are performance, reliability and low maintenance costs.

These key qualities make GREGOIRE the preferred supplier even for the most demanding end-users.

The GREGOIRE product range is distributed and serviced via a worldwide network of distributors which are trained to provide professional advice and a top class after sales service.

GREGOIRE has obtained a leading position in nearly all grape growing countries in the world. Besides viticulture, GREGOIRE also developed a harvest solution for olives.

Working with olive growers from the very beginning GREGOIRE is today one of the major players in that industry.

Choosing GREGOIRE means choosing the most reliable and highest quality supplier in mechanization of grapes and olives.

Summary

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1978, GREGOIRE GMH
Proven reliability



1989, ARC harvesting head has won worldwide recognition as the softest picking head on the market



2016, GREGOIRE G4 & G5
Narrow vineyard specialist



2018, GREGOIRE GL8
Innovations



GX9.6 MIXTA





Tractor

GREGOIRE GX9.6 MIXTA is the only grape harvester that allows harvesting super-intensive woody crops and trellised vines with the same picking head.

GREGOIRE GX9.6 MIXTA has been designed for professionals who need a versatile, efficient and easy to use grape harvester.

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Engine

GREGOIRE GX9.6 MIXTA is equipped with a 6-cylinder Deutz engine developing an output of **190 hp** (140 kW).

This new **Stage 5** engine allows automatic speed control depending on the required load level. This automatic engine speed management makes **GREGOIRE GX9.6 MIXTA** very responsive to power requirements, enhancing driver safety and harvesting quality.

GREGOIRE GX9.6 MIXTA is a truly sober machine.

A Twin Lock anti-skid system combined with the 4 Poclain wheel motors ensures optimal traction and working capacity.



Driving

GREGOIRE GX9.6 MIXTA has been designed to work in all kinds of conditions, even the most difficult!

A **TwinLock** anti-skid system combined with the 4 **Poclain** wheel motors ensures optimal traction and working capacity.

GREGOIRE GX9.6 MIXTA has a lifting capacity of **750mm** to hydraulically compensate for the most difficult slopes and to work in all types of plantations, adapting perfectly to the crop.

Pre-recorded and customized work sequences reduce the time to get the yarns in and out.

Cab

The cab of the **GREGOIRE** machines is known as one of the most spacious in the global grape harvester market.

Thanks to its centrally positioned cab with **2.2m³** of available volume and a large glazed area of **5.5m²**, the **GREGOIRE GX9.6 MIXTA** is no exception.

The cab has been designed to maximize operator comfort and ergonomics while driving. To this end, it has a pneumatic seat, automatic air conditioning system and a cooled passenger seat. The driver can easily and precisely manage all harvesting parameters thanks to the **i-Monitor** touch screen. Machine management is fast and simple thanks to the intuitive and fully adaptable display environment.



Versatilidad

Thanks to a range of implements designed and manufactured by **GREGOIRE**, you can use your **GREGOIRE GX9.6 MIXTA** all year round to cover the maintenance of your super-intensive crop.

It has pneumatic spraying equipment, atomizers or by means of a confined system (**ECOPROTECT**), as well as a front implement carrier to attach other types of machines.

The adaptation of these implements is easy and fast thanks to the **ISOBUS** system.



ARC² picking head

GREGOIRE GX9.6 MIXTA picking head, **GREGOIRE ARC²**, known as the smoothest on the market for harvesting in super-intensive plantations.

Este cabezal de recolección le permitirá un alto rendimiento de trabajo y una calidad de cosecha incomparable.

Versatile harvesting

GREGOIRE GX9.6 MIXTA picking head allows you to harvest woody crops in super-intensive frame and specializes in harvesting olives and almonds.

GREGOIRE GX9.6 MIXTA can be used for more than 6 months of harvesting per year, providing its owner with a quick return on investment and low operating costs.

Switching from one type of harvesting to another is quick and easy. The same straw walkers are used on the machine, and all you have to do is adapt the pinch to the type of trees to be harvested !



Wide picking head

GREGOIRE GX9.6 MIXTA has a **75 cm wide** harvesting head, designed to adapt to different super-intensive crops, even in old plantations with large diameter trunks.

To facilitate the entry of the trees into the harvesting head, **GREGOIRE GX9.6 MIXTA** is equipped with a front mouth that gently and progressively guides the entire vegetative mass into the machine, limiting the risk of branch breakage and frontal fruit fall.

A **3.30 m** long watertight zone and a large decompression zone behind the straw walker columns optimize the performance of **GREGOIRE GX9.6 MIXTA**.

GREGOIRE GX9.6 MIXTA's straw walker head is pendular, allowing it to follow and adapt perfectly to the vegetative mass. To maximize driver comfort, the entire harvesting module is suspended and isolated from the machine chassis by **8 silent blocks**.



Limpieza

GREGOIRE GX9.6 MIXTA is equipped as standard with 2 lower fans, which remove the leaves as soon as the forage reaches the belts. The rotation speed of the blowers is adjusted from the cab. To maximize the removal of foreign matter, the machines are equipped with two vertical extractors that remove dry wood and vine shoots from the outside.

To prevent foreign matter or pieces of dead wood from entering the conveyor system, **GREGOIRE GX9.6 MIXTA** is equipped with a deflector located at the height of the lower fans.

To improve cleaning, the **GREGOIRE GX9.6 MIXTA** is equipped with an upper fan that completes leaf extraction before the crop is stored in the hoppers.



Bins

The two stainless steel side bins offer a storage capacity of **5600l, the largest on the market**. This reduces the number of emptyings of the machine and therefore improves the productivity of the harvester.

GREGOIRE GX9.6 MIXTA can incorporate (optional) the **NEOmass** weighing system. Two weight sensors allow to calculate the quantity of harvested fruit.

ARC² shakers

Thanks to their unique shape, **ARC²** shakers offer four distinct and very important work zones:

- **Compression zone** : compresses the vegetation without causing any damage to it up to the set value of clamping.
- **Adjustable active zone** : main shaking area, adjustable according to the degree of ripeness of the fruit and the conditions of the plantation.
- **Decompression zone** : decompresses the vegetation to release the fruit eventually retained by the compressed vegetation.
- **Pole shaking zone** : harvests 100% of the fruit around the poles.

Each **ARC²** shaker is attached to two columns that move and work simultaneously. The shaking frequency and stress are evenly distributed over the entire length of the straw walker, allowing better harvesting efficiency and longer straw walker life.

FASTFIT

The **FASTFIT** attachment of the **ARC²** shakers allows quick assembly and disassembly and very simple adjustment of the active length. Adapting the number of straw walkers to the fruiting height of the plantation is very simple.



Access and maintenance

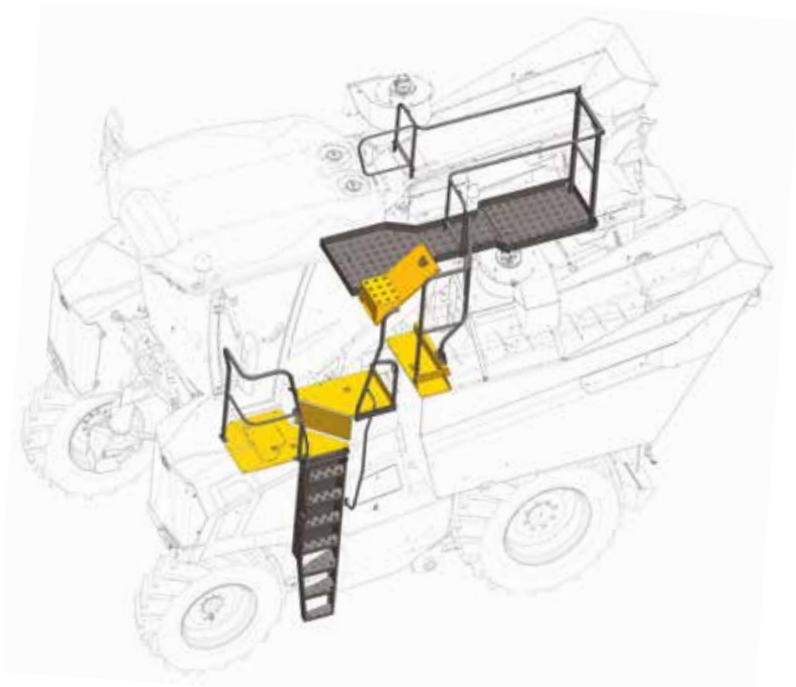
Maintenance is an integral part of a typical harvest day. Because regular maintenance means an uninterrupted harvest; from the very beginning **GREGOIRE GX9.6 MIXTA** have been designed to make every cleaning and maintenance operation easy.

Hoods

With **20** diffrents hoods all around the machine it's easy to access everything on **GREGOIRE GX9.6 MIXTA**.

Access and visibility are optimized to reach everything on the tractor base and harvesting system (hydraulic and electric components, engine, shakers, belts). Maintenance is easy and washing is fast.





Oversize top platform

GREGOIRE GX9.6 MIXTA integrate on oversized top deck. It provides you with total freedom of movement for maintenance and washing operations. On the left hand side of the cab the deck is accessed by the ladder. Above the picking head, the platform runs from the front to the back of the machine.



Integrated washing line

To make cleaning easy, **GREGOIRE GX9.6 MIXTA** are equipped with an integrated washing line. A bottom water connection allows you to connect your water supply and to provide water directly to the top platform. Your water supply can also be easily connected to both top fans to make cleaning easy. You save time and water.



Separated control box

Harvester function are controllable from a separate control box located on the top deck. This external control box gives you access to harvester function without having to enter the cab: bin lifting, picking head start up, etc.

Outside storage and components

GREGOIRE GX9.6 MIXTA comes with outside storage, ideally positioned around the machine. Tools and machine components (greasing pump, tools, rods) can be easily stored on hangers or in compartments.

Greasing

After washing, greasing is always recommended. All greasing points are gathered to central and easy to access grease points. Manual greasing is quick and no grease points will be missed.

In brief



GX9.6
MIXTA

Versatile



GREGOIRE GX9.6 MIXTA can be used for harvesting super-intensive woody crops and trellised vineyards with the same harvesting head. You can harvest a wide variety of crops throughout the year.

Connection



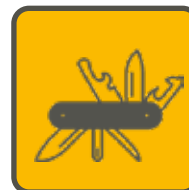
Thanks to the **GREGOIRE** data management system, the **GREGOIRE GX9.6 MIXTA** is a high-tech machine that helps you manage your crops. A **GPS** receiver will locate your machine at the exact point in the field. **NEOtrack** will tell you exactly which strands have already been harvested. With **NEOmass**, you will have an indication of the production of your field.

Cost-effective



Choosing **GREGOIRE GX9.6 MIXTA** means opting for an economical machine ! Today, with **GREGOIRE GX9.6 MIXTA**, a single operator can manage the harvesting of several woody species. In this way, it can be present in the majority of mechanized harvesting businesses on the market. In addition, thanks to its robust construction designed for work in difficult conditions, the operating and maintenance costs are among the most economical on the market.

Always at your side



Thanks to its removable harvesting module and the range of **GREGOIRE** implements available, the **GREGOIRE GX9.6 MIXTA** will accompany you all year round in the maintenance of your plantation: pre-pruning, spraying, trimming, ...

Exceptional working performance



Thanks to its high watertightness and its **5,000 liters** bin capacity, **GREGOIRE GX9.6 MIXTA** offers an exceptional working performance. With its powerful engine and high torque reserve, you will never feel helpless when it comes to long and hard days of work.

Easy maintenance



Several covers or hatches allow you to easily access the key service points of your **GREGOIRE GX10.6** for fast and efficient maintenance. In addition, you will benefit from a quality technical service, guaranteed by a network of professional dealers trained by **GREGOIRE** to provide the best service for your **GREGOIRE GX10.6**.

Technical data

Model	GX9.6 MIXTA
Plantation	
Minimum row spacing	2.00 m
Ground clearance	3.05 m
Tractor base	
Fuel tank capacity / AdBlue®	260 - 68,7 / 20 - 5,3 litres-gal US
Elevation / slope correction	750 mm / 28%
Automatic slope correction management	●
Automatic ground following	●
Steering system without spreader	●
Steering radius	4.95 m
Automatic park brakes	●
Hydraulic oil flow : picking head, conveyors, fans circuits	75 / 75 /36 l/min
Engine	
Brand	DEUTZ
Emissions	Stage 5
Power ISO / engine speed	140Kw(190cv) / 2100 rpm
Maximal torque / engine speed	825 Nm / 1450 rpm
Automatic rpm management	●
Cylinders	6 in line
Engine size	6100 cm³
SCR catalyst	●
Transmission	
Oil tank capacity	110 - 29 litres - gal US
Filtration	Pressure + return
Hydrostatic transmisison Twin Lock 4 wheels drive	●
Speed management from the joystick (impulse + linear position + approach mode)	●
Automatic anti-spinning Front/Rear (torque distributor)	●
AUTO speed : cruise control	●
Automatic rpm optimization system on road and work mode	●
Max. road speed (for autorized countries only)with 4 wheels drive	●
Model	GX10.6
DATA	solution
NEO map : yield mapping system (includes NEO mass)	○
NEO mass : weighing system	○
NEO track : row tracing system	○

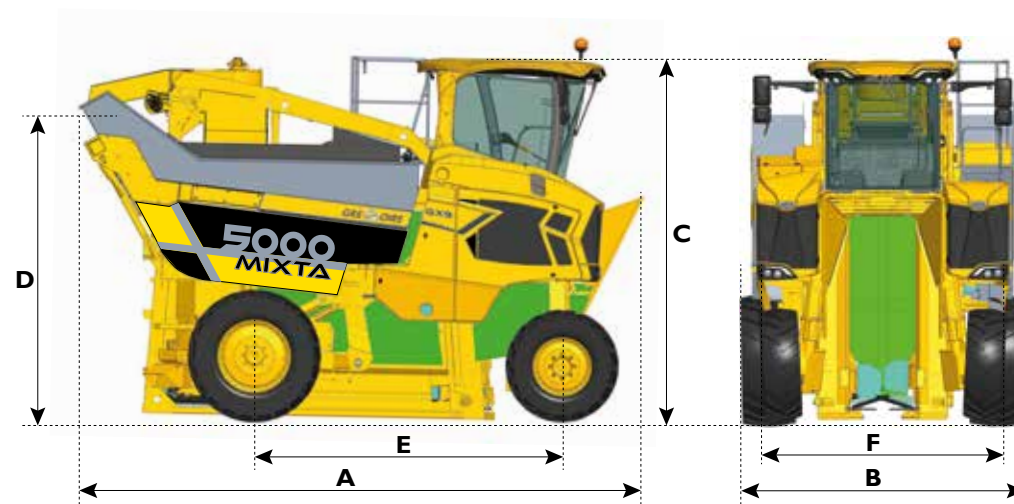
Models	GX9.6 MIXTA
Cab	
Central cab with lateral access by tiltable ladder (25°)	●
Cab size	(m³) 2,2
Cab glazed surface	(m²) 5
ROPS structure protection	●
CAT 4 driver protection(dust, aerosol and fumes)	○
Automatic, reversible air co and cooling compartment	●
2 USB plugs	●
Radio Bluetooth handsfree	●
Integrated 2 loudspeaker system	●
Pneumatic seat great comfort	●
Cab storage compartment	3
Steering wheel column with height adjustment and 2 pivots	●
Outisde electric mirrors	●
Front, lateral and rear shades	●
Controls	
Multifonction joystick and arm rest integrated to seat	●
Multifunction and ergonomic joystick with backlighting	●
Free configuration of joystick contactors	●
Lateral browsing adjustment wheel + shortcuts	●
Touch and color screen i-Monitor with backlighting and adjustable position	●
Touch screen i-Monitor size	(inches) 12"
ISOBUS compatibility	●
Advanced display on i-Monitor with miniviews finger slides	●
Nominatives records (hours, hectares, ...) with USB extraction	●
Nominatives settings with USB extraction	●
EASY pilot :Automatic row following system with 3D cameras	○
EASY turn : steering wheels revolution reduction (EASY pilot needed)	○
Visibility	
Lights number (LED)	10
Lighting power (LED)	(lumen) 18 160
Cab door sill lightening	●
Flashing light automatic activation in road mode	●
Flashing light automatic activation when bins are full	●
LED alignment system integrated to cab structure	●
2 color cameras	●
EASY 360 : 360° cameras (broadcasted on additional screen)	○

● : Standard / ○ : Option / NA : Non Available /

*Specifications are indicative, in order to constantly improve its products, GREGOIRE reserves the right to modify specifications without notice

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Model	GX9.6 MIXTA	
Picking head		
Quick coupling of the picking head		●
All harvesting module functions controlled from cab		●
Suspended picking head		●
38 shakers ARC ² with fast fixing FASTFIT		●
Scales number	2x24	
Pneumatic catcher tray		●
Catcher tray length	3300 mm	
Minimum harvesting height	- than 15 cm	
Quick adjustment of catcher trays angle		●
Tunnel width	750 mm	
Belts width	320 mm	
Belts hydraulically driven with adjustable speed and reverse		●
Picking function with low speed alarms		●
Cleaning		
2 bottom fans		●
Adjustable height of lower fans (stroke 50 mm)		●
Hydraulically operated vertical extractors		●
1 top fan		●
Bins		
Large stainless steel bins capacity	5000 (2x2500) L	
Bin level sensor with 1 monitor display (on i-Monitor)		●
Emptying height	3600 mm	
Reparto de la cosecha mediante sinfín automático		●
Access, maintenance and washing		
Centralized greasing (automatic optional)		●
Shakers storage on rear conveyors		●
Tools box		●
Separated control box		●
Integrated washing line with water intake in the upper platform		●



Model	GX9.6 MIXTA
Front tires available	400/80 R24
Rear tires available	600/60 R30
A - Total length	6332 mm
B - Overall width	3220 mm
C - Total height	4040 mm
D - Bin height	2848 mm
E - Wheel base	3446 mm
F - Front track	2554 mm

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GREGOIRE know-how to serve your vineyard

With over 30 years experience in the mechanization of vineyards, **GREGOIRE** offer a complete range dedicated to grape and olive harvesting and spraying.

Stay oriGinal !

To benefit from a high performance harvester and a constant reliability during the years it is important to maintain your machine with **GREGOIRE** Original spare parts. The **oriGinal** spare parts offer your equipment a long lifetime. They are made to fit and have the right specifications.



The use of **GREGOIRE** Original spare parts will limit your risk of break downs and it also optimizes your lower cost of operation.

GREGOIRE GT3



GREGOIRE ECOPROTECT



GREGOIRE GX10



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