

Versatile harvester for olives, almonds
and super-intensive woody crops
GREGOIRE GX10.6

GREGOIRE
PASSEZ À L'AVENIR*

GX10.6



*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.

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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



GX10.6





Harvester

GREGOIRE GX10.6 is a versatile harvester designed to harvest olives, almonds and any other fruit grown in super-intensive system.

GREGOIRE GX10.6 has been designed to preserve the trees on which it works, to guarantee a complete harvest without losses on the ground and to obtain a clean harvest while minimizing operating costs to maximize profitability.



GX10.6



Engine

GREGOIRE GX10.6 is equipped with a **6-cylinder DEUTZ** engine developing a power of **190hp** (140kW). This new engine, Stage5, allows an automatic regulation of the engine speed according to the required load level. This automatic engine speed management makes the GREGOIRE GX10.6 very reactive to power requirements, promoting driver safety and harvesting quality.

GREGOIRE GX10.6 is truly a sober machine.



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 GX10.6** 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.



Driving

GREGOIRE GX10.6 has been designed for use in all conditions, even the most difficult!

Its transmission, driven by 4 double-displacement Poclain engines, allows it to face all kinds of challenges.

On steep slopes and overhangs, you can rely on an 800mm leveling system to keep you moving safely. It will also help you adapt to all types of trees, even the largest.

Finally, a crankless steering system makes the GREGOIRE GX10.6 extremely maneuverable, giving you a tight turning radius of 4.95m.

Swath entry and exit sequences reduce the time required for end-of-row operations and increase the GREGOIRE GX10.6's work rate.

ARC² picking head

GREGOIRE GX10.6 features the famous **GREGOIRE ARC²** picking head, 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 GX10.6 picking head allows you to harvest woody crops in super-intensive frame and specializes in harvesting olives and almonds.

GREGOIRE GX10.6 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 !



Ultra wide picking head

GREGOIRE GX10.6 has a **115cm wide** harvesting tunnel, 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 GX10.6** is equipped with a front mouth that gently and progressively guides the entire vegetative mass into the machine, limiting the risk of branches detaching and fruit falling forward.

A **3.50m long** watertight zone and a large decompression zone behind the harvesting head optimize the performance of **GREGOIRE GX10.6**.

The watertight zone can be extended by 1.50m using the front flaker system supplied as standard with the machine. In this way, almonds or very ripe olives can be harvested in their entirety without losses at the front of the machine. When harvesting almonds, up to **30% more** can be harvested.

GREGOIRE GX10.6 picking head is pendular, allowing it to follow and adapt perfectly to each tree in a row. To maximize operator comfort, the entire harvesting module is suspended and isolated from the machine frame by **8 silent blocks**.

ARC² shakers

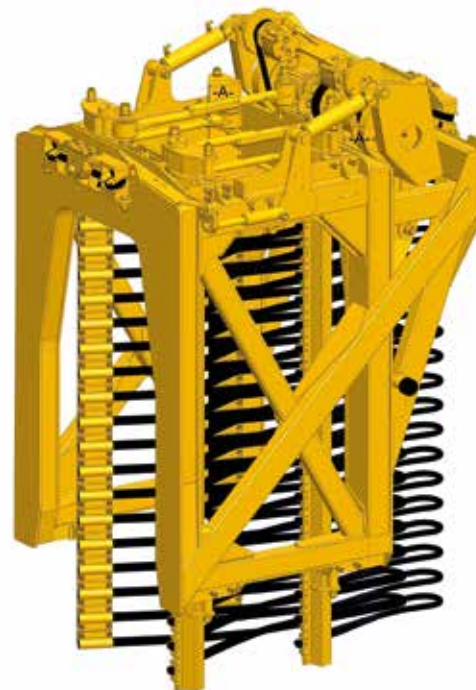
Thanks to their unique shape, **ARC²** shakers offer four distinct and very important work zones:

- **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.



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 GX10.6 can incorporate (optional) the NEOmass weighing system. Two weight sensors allow to calculate the quantity of harvested fruit.



Limpieza

GREGOIRE GX10.6 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 facilitate the extraction of larger branches, the machines are equipped with two horizontal rotating extractors that pull the branches towards the outside of the machine. To improve cleaning, **GREGOIRE GX10.6** is equipped with an upper fan that completes the extraction of leaves. To remove the last leaves and small branches before storing the crop in the hoppers. Each hopper is equipped with the **VARIO** roller cleaning system. The spacing between the rollers can be adjusted to suit each crop.



Optionally, **GREGOIRE GX10.6** can be equipped with 2 peelers per hopper for almond harvesting. By removing the skin from the almonds, this option optimizes the capacity of the hoppers and therefore reduces the logistical operations required for the same quantity of almonds.

Access and maintenance

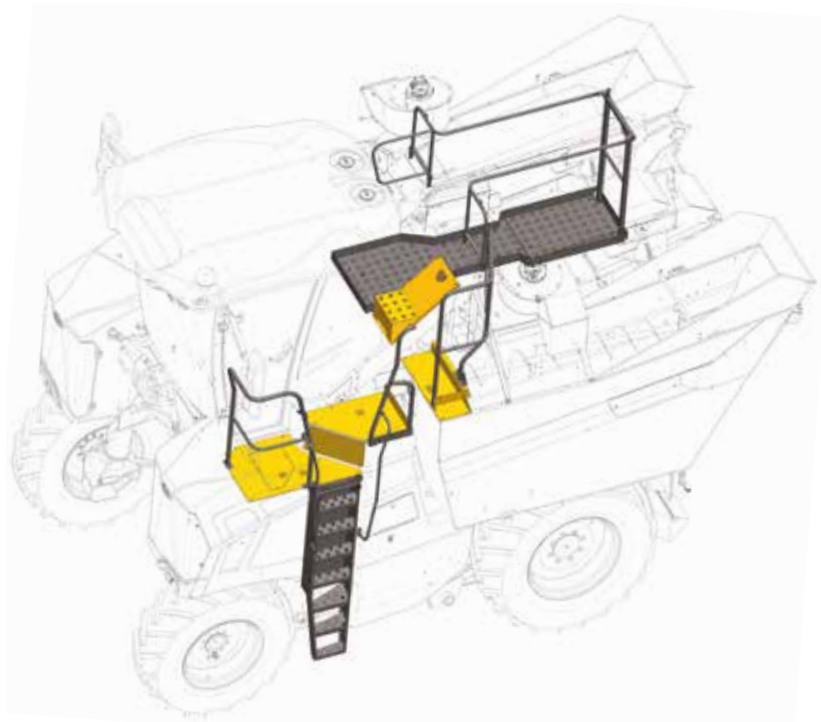
Maintenance is an integral part of a typical harvest day. Because regular maintenance means an uninterrupted harvest; from the very beginning **GREGOIRE GX10.6** have been designed to make every cleaning and maintenance operation easy.

Hoods

With **20** diffrents hoods all around the machine it's easy to access everything on **GREGOIRE GX10.6**

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 GX10.6 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 facilitate washing, **GREGOIRE GX10.6** is equipped with an air flow detour of its blower. This flow is directed towards an air hose located on the central walkway, allowing the entire upper part of the machine to be blown in complete safety.



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 GX10.6 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



GX10.6

Versatile



GREGOIRE GX10.6 can be used to harvest farms in super-intensive planting frame with the same picking head for olives and almonds. It can harvest a wide variety of crops all year round.

Connection



Thanks to the **GREGOIRE** data management system, the **GREGOIRE GX10.6** 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 GX10.6** means opting for an economical machine. With **GREGOIRE GX10.6**, a single operator can manage the harvesting of several species planted in a row. This means it can be used on most super-intensive woody crop farms. In addition, thanks to its robust construction designed to work in tough conditions, operating and maintenance costs are among the lowest on the market. Turning capacity, **5 m sealing length**, peelers, etc. are just some of the features that optimize the operating costs of **GREGOIRE GX10.6**.

Designed for challenging conditions



GREGOIRE GX10.6 has been designed to work in the most difficult harvesting conditions. Wet fields, steep slopes, hills, **GREGOIRE GX10.6** will be your best ally in daily harvesting.

Exceptional working performance



Thanks to its high watertightness and its **5,600 liters** bin capacity, **GREGOIRE GX10.6** 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	GX10.6
Plantation	
Minimum row spacing	3.50 m
Ground clearance	3.25 m
Tractor base	
Fuel tank capacity / AdBlue®	260 - 68,7 / 20 - 5,3 litres-gal US
Elevation / slope correction	800 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)	●
AUTOspeed : 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
DATAsolution	
NEOmap : yield mapping system (includes NEOmass)	○
NEOmass : weighing system	○
NEOtrack : row tracing system	○

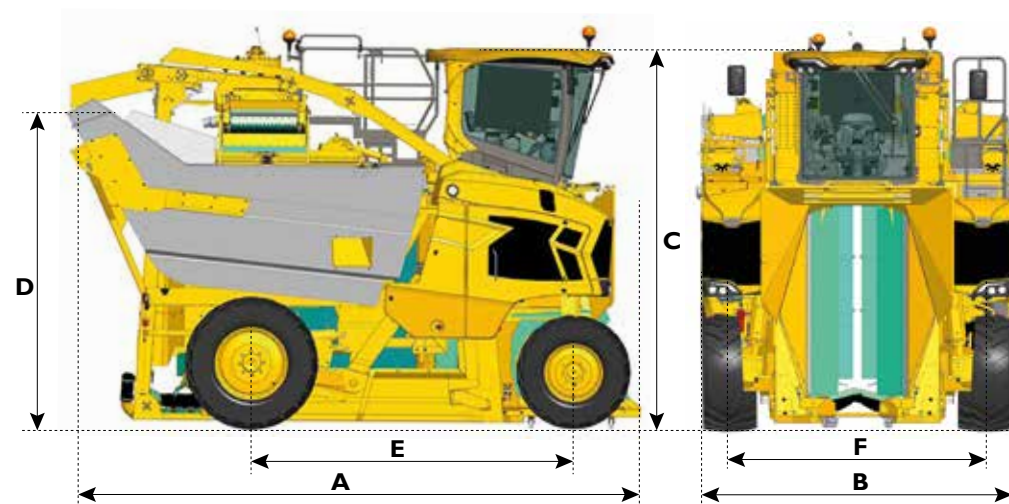
Models	GX10.6
Cab	
Central cab	●
Cab size	(m³) 2,2
Cab glazed surface	(m²) 5
ROPS structure protection	●
CAT 4 driver protection(dust, aerosol and fumes)	○
Automatic, reversible air co and cooling compartment	●
2 USB plugs	●
Radio Bluetooth handsfree	●
Integrated 2 loudspeaker system	●
Pneumatic seat great comfort	●
Cab storage compartment	3
Steering wheel column with height adjustment and 2 pivots	●
Outside 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	●
EASYPilot :Automatic row following system with 3D cameras	○
EASYturn : steering wheels revolution reduction (EASYPilot 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	GX10.6
Picking head	
All harvesting module functions controlled from cab	●
Suspended picking head	●
38 shakers ARC² with fast fixing FASTfit	●
Scales number	2x41
Pneumatic catcher tray	●
Catcher tray length	3500 mm
Front catcher tray length (for very ripe almonds and olives)	1500 mm
Catcher tray length	5000 mm
Minimum harvesting height	- than 15 cm
Quick adjustment of catcher trays angle	●
Tunnel width	1150 mm
Belts width	320 mm
Belts hydraulically driven with adjustable speed and reverse	●
Picking function with low speed alarms	●
Cleaning	
2 bottom fans	●
2 lower branch extractors	●
1 top fans	●
1 vario in each hopper to remove leaves and small branches	●
4 almond peelers (2 in each bin)	○
Bins	
Large stainless steel bins capacity	5600 (2x2800) 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	●
Air washing line integrated in the upper platform	●



Model	GX10.6
Front tires available	400/80 R24
Rear tires available	600/60 R30
A - Total length	6444 mm
B - Overall width	3500 mm
C - Total height	4200 mm
D - Bin height	2848 mm
E - Wheel base	3623 mm
F - Front track	2856 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 GX9 MIXTA



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