

Grape harvester  
and tool carrier  
GREGOIRE G9

**GREGOIRE**

PASSEZ À L'AVENIR\*

The ultimate solution  
for harvesting wide  
trellised grapes and  
high density olive  
plantations

**G9**



\*SHIFT TO THE FUTURE

More than 30 years  
of experience

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





GREGOIRE offers a wide range of vineyard maintenance tools; pre pruners, shredders, trimmers, leaf removers, debudders, sprayers and self propelled or trailed harvesters for grapes and olives. The main qualities of the GREGOIRE product 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.

Staying close to our customers has allowed us to develop according to the customer requirements

GREGOIRE has obtained a leading position in nearly all grape growing countries in the world.

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

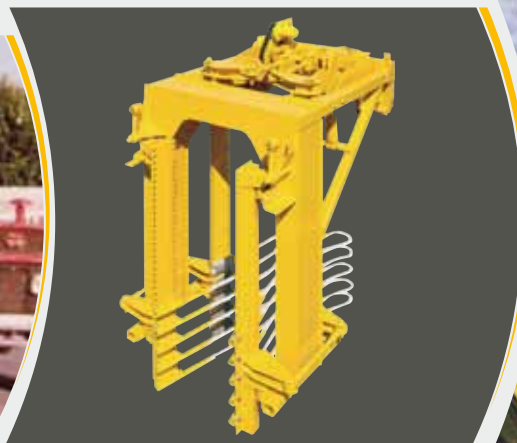
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**1978, GREGOIRE  
GH Hydraulic**  
Proven reliability



**1989, GREGOIRE ARC  
Picking Head System**  
Has won worldwide recognition as  
the softest picking head on the market



**2001, GREGOIRE 100-Series**  
Simple & Effective



**2006, G132 Comfort Line**  
Comfort assured











Today with  
the new G9

...Shift to the future!

**G9**



Tool carrier



Innovations that  
set the standard ...



## New driver cabin

- Provides the best visibility, thanks to the small rounds of the cabin structure and its curved wind screen, including electrically operated left and right mirrors.
- Cabin improved soundproofing offering even lower DbA readings.
- **High quality equipment** : including, RadioCd player, Coolbox, a comfortable pneumatic seat with arm rests and air conditioning.
- **Central driver seat in the cabin** : provides the driver perfect visibility of the vines on the harvesting tunnel easy vision of both sides of the harvester and the rear deck.



## New joystick

- **Linear neutral position** : joystick covers 3 times more functions (GREGOIRE patent pending)
- **Full control** : operate the main functions with your hands on the joystick, starting conveyors, picking head, emptying bins.
- **Joystick integrated in the armrest** : this allows you more precision and comfort.
- **Semi automatic leveling** : quick, easy and safe to operate.
- **ECOdrive® Mode** : this exclusive feature allows you to save fuel by running the engine at low revs when turning on the headland with one single press for a button.



## New operating terminal

- **A wide screen color terminal** : easy to read out the centralized data so you can focus on driving the harvester.
- **Centralized data screen** : a complete display of most of the harvester functions in one glance which means more efficiency for the operator.
- **Data recording** : thanks to an internal memory with SD card on which numerous data can be recorded and transferred to a laptop or desktop computer.



## New side console

- **All harvester functions centralized** : every single function is operated from this state of the art tactile console.
- **Interactive** : the appearance on the console screen changes automatically depending on what is connected to the tool carrier e.g. harvesting module, sprayer, trimmer, leaf remover etc.
- **Memory function** : settings are stored and can be retrieved back quickly.



## Multifunction by GREGOIRE !

- **Automatic recognition of tools** : the different controls –VIEWmaster®, CONTROLmaster®, and MULTIdrive®- are adapting to the tool that is connected to the tool carrier.
- **Outstanding ergonomics** : no matter what tools connected.
- **Simple and Quick adjustment** : The new interface allows a quick and simple fixation of the tool. Hydraulic and electric quick fittings are standard.



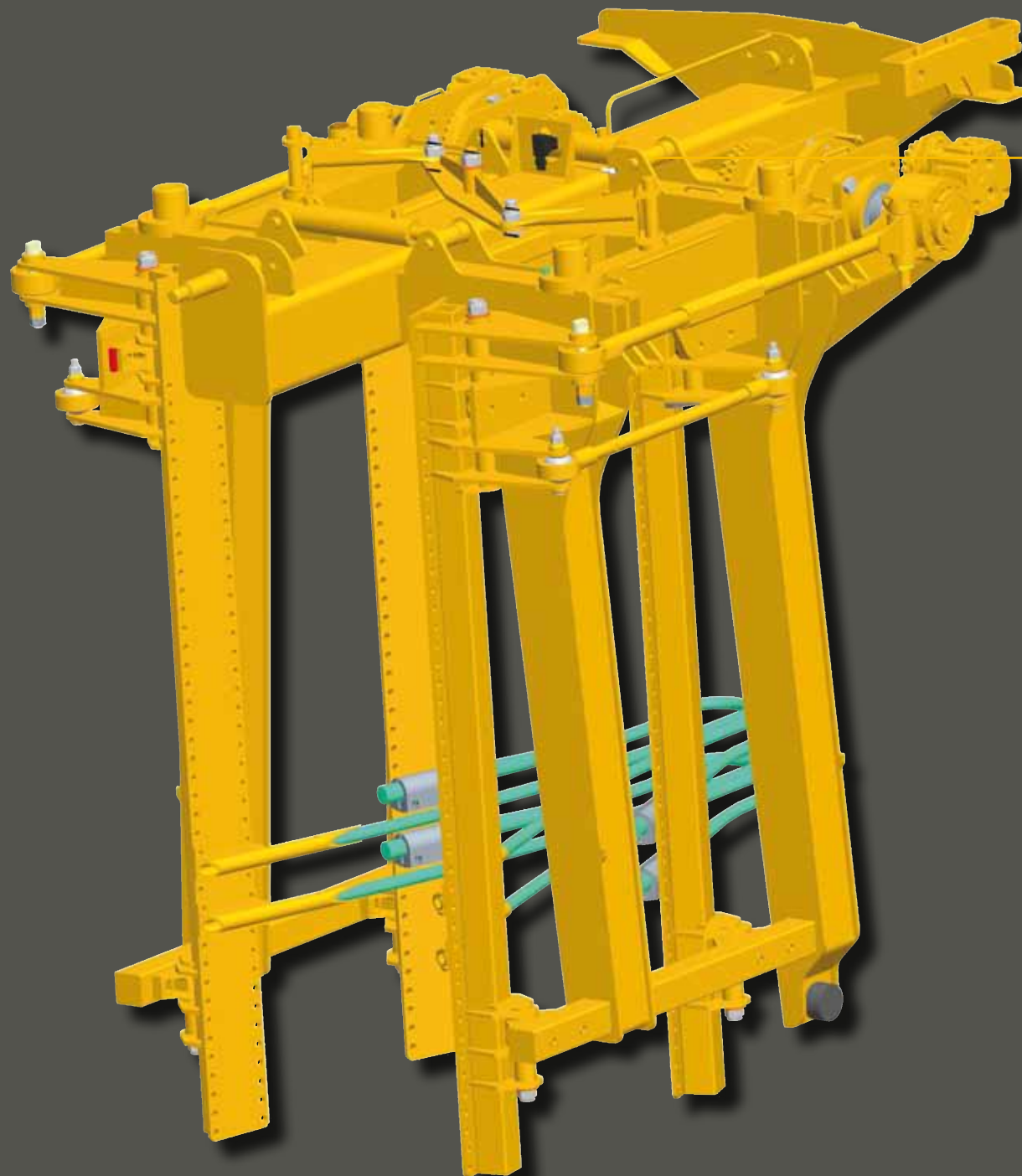
## New transmission

- **AUTOspeed®** : this new feature controls the continuous working speed of the harvester (Cruise Control). It is easy to program and can be adjusted easily from the joystick.
- **AUTOdrive® in road speed** : movement of the joystick is controlling the forward or reverse speed. The engine speed and transmission pump are efficiently managed to optimize fuel consumption and noise level. The rear wheel drive avoids wheel spin and unnecessary wear of the tires.



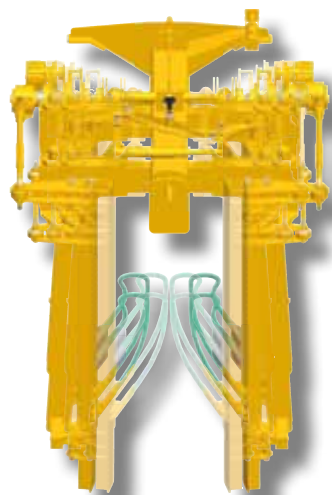
## Harvesting module

**CS**



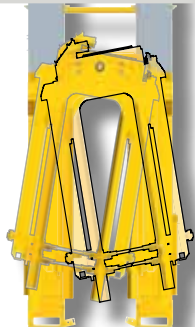
High performance  
and smooth to  
operate ...





## New hydraulic shaking width adjustment

- **Parallel shift of the picking posts** : the shakers always keep the same shape which offers you the best picking result.
- **Adjustment of the picking head** : the distance between the shakers is controlled from the drivers cabin and can be checked from the ViewMaster screen.
- **Width adjustment up to 800mm** : different trellis systems in grapes or olives and even younger or older plantations require a different shaking widths.
- **Active shaking zone** : the active zone of the shaker is optimized thanks to the parallel movement of the picking posts.



## New picking head suspension

- **Pendulum suspension** : follows perfectly the vines limiting damage to the wood.
- **Automatic locking of suspension during transport** : the picking head will not move during transport and is disengaged automatically in harvest mode.
- **Mounted on heavy duty silent blocks** : no vibrations and extremely reliable.



## ARC shakers: recognized for their soft and gentle pic

- **Adjusting the active zone** : very quick and easy adjustment of the picking head.
- **Exclusive shape** : ARC shape assures that the rods are longer in contact with the fruit bearing zone and also pick very well around the intermediate posts.
- **Exclusive material** : long lasting and hard wearing.



## Conveying: Efficiency and respect of the vines

- **Pendulum suspension** : follows perfectly the vine or olive rows by limiting damage to the wooden and steel posts.
- **Automatic locking of suspension during transport** : the conveyor chassis will not move.
- **Conveying capacity** : able to convey high tonnages of grapes in the biggest vines while keeping a good harvesting ground speed without maceration and limiting risk of blockages.
- **Exclusive Original GREGOIRE conveyor belts** : long lasting and reliable.



## Cleaning: The answer to effective crop cleaning

- **Bottom cleaning fans and vertical cane extractors** : fans extract leaves before they get into contact with the grapes so there is no juice loss and the cane extractors avoid the risk of blockages.
- **Top cleaning fans on 500mm conveyor belts** : maximum cleaning efficiency even at high speed.
- **To operate the cleaning systems from the cab** : all functions and speed of cleaning fans are operated from the **CONTROLmaster®** console.



## Grape storage: for every grower a solution

- **MULTIdrive®** : keep control of your discharge arm by operating it directly from the joystick; comfort, security and efficiency.
- **Double bins** : perfect for harvesting olives or short rows of grapes.
- **Double shoot cross conveyor** : to optimize cleaning.



GREGOIRE



The ultimate solution for harvesting grapes and olives ...





To benefit from our success in the development of the G9 it is essential to respect a few ground rules in harvesting.



*«Respecting the vegetation is your security for next years crop»*

**VARIwidth+**® allows you to vary the distance between the shakers by a parallel movement of the picking posts. The advantage is that the shape of the shakers stay the same, no matter which width you choose. You can easily change from a wide trellis set up to a narrower trellis set up by maintaining the shape of the shakers and assuring a soft a gentle pick.



*«The trunk is the basis for the future» :*

G9 can be equipped with 2 types of catcher tray systems. The heavy duty catcher trays allow access to all unevenly lined and heavily pruned vineyards and to vines with the widest canopies they are absolutely long lasting. The standard catcher tray because it contains softer material in combination with the Soft float system this gives excellent results in olive plantations.



*«Respect the crop to secure a quality harvest» :*

The sealed conveying system works continuously through two exclusive developed cleated conveyor belts. Thanks to the reliable conveyor belts your crop is transported in a very gentle way to avoid early maturation. On top of those exclusive characteristics, the width of the belt and the facility to adjust the speeds of the belts will optimize the cleaning quality by limiting blockages. This means limiting downtime.



*«The sooner the cleaning the better your quality» :*

Bottom cleaning fans and vertical cane extractors: The fans extract leaves before they get contact with the grapes so there is no juice loss and the cane extractors avoid the risk of blockages.



*«Easy maintenance solutions...»*

After a long day, maintenance and cleaning are essential to avoid downtime. GREGOIRE helps you to make maintenance and cleaning easier during those long harvesting days. The picking head and conveyors have always been recognized as the easiest to clean in the market. The new centralized greasing points, the rear curtains are quick and easy to remove to enable easy access to the tunnel and the platforms around allow you an easy and safe access to the machine.

*«Stay Original to keep a high quality harvester»*

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**  
**ORIGINAL**







## Tool carrier

# G9

With a high performance, comfort, full multi function and a low fuel consumption the G9 sets a standard that is hard to match...

When it comes to performance, comfort and multifunction at low fuel consumption the G9 has all of these key elements. The G9 sets a new standard in using a tool carrier for Multifunction.

When it comes to performance, comfort and multifunction at low fuel consumption the G9 has combined all these key elements to make this new GREGOIRE unbeatable...

*«A level of performances never achieved before...»*

Our harvesters are fitted with the very best diesel engines – Deutz 6 cylinder – producing 167 Hp and with a new transmission system from Poclain. The G9 allows you to reach safely a high working speed even on up-hill or down-hill slopes.

The new hydraulic system used on the G9 allows you use your tool carrier not only for harvesting but to work with multiple tools. This can allow your operation to financially write down your tool carrier faster.



*«Where ecology meets economy...»*

G9 is equipped with **ECOdrive®** Mode: this exclusive feature allows you to save fuel by running your engine automatically at low revs when turning on the headland. The driver can set the **ECOdrive®** mode at a certain engine speed that can be lower when the fans, conveyors and picking head are not activated. This allows you to save fuel. If you need the full engine speed when turning on the headland in the case of turning on a hill-side – the driver can choose the normal higher engine speed.

*«A close up of Multifunction...»*

G9 is equipped with all hydraulic and electric connections both in the front and at the rear of the tool carrier. The mechanical interface has been developed to connect quick and safe, all GREGOIRE tools used for multi function. The software immediately recognizes the tool and can be operated directly from the **CONTROLmaster®**, **VIEWmaster®** and **MULTIdrive®**.

So there is no longer the need to have multiple control boxes in your cabin.







	Total length	Total width	Total height	Wheelbase	Bins height	Width hoods	Width at bins level	Front wide	Ancho de vía trasero	Wide at wheels	Height axis dump bins (conveyor on the ground)	Deflection of leg
G9 two bins	5867	3000	3700	3350	2745	2784	3000	2240	2371	2854	2204	600
G9 bin + arm	5706	2916	3700	3350	NA	2784	NA	2240	2371	2854	NA	600



# Equipment

	G9.320 arm	G9.320 two bins
<b>For plantations</b>		
Minimum width	2,00m	2,00m
Height maximum	1,95m	1,95m
<b>Engine</b>		
Brand	Deutz	Deutz
Cylinders	6	6
Displacement	6L	6L
Power ISO/RpM	167cv / 2100rpm	167cv / 2100rpm
Torque/RpM	688Nm / 1600rpm	688Nm / 1600rpm
Tank capacity	175l	175l
<b>Transmission</b>		
4Wheel drive	Standard	Standard
Anti skid twin lock	Standard	Standard
<b>AUTOspeed</b> ®	Standard	Standard
<b>AUTOdrive</b> ®	Standard	Standard
Oil tank	125L	125L
Filtration system	Pressure + return	Pressure + return
Corrección de inclinación	600mm / 28%	600mm / 28%
Slope correction	Standard	Standard
Front tires	380 / 85 R24	380 / 85 R24
Rear tires	480 / 70 R 28	480 / 70 R 28
Torque limiter	Standard	Standard
<b>Cabin</b>		
Air conditioning	Standard <b>VISIONcenter</b> ®	Standard <b>VISIONcenter</b> ®
Position	central	central
Pneumatic seat	Standard	Standard
Terminal	Standard <b>VIEWmaster</b> ®	Standard, <b>VIEWmaster</b> ®
Joystick	Standard, <b>MULTIdrive</b> ®	Standard, <b>MULTIdrive</b> ®
Side console	Standard, <b>CONTROLmaster</b> ®	Standard, <b>CONTROLmaster</b> ®
Memory output	Standard	Standard
Memory settings	Standard	Standard

	G9.320 arm	G9.320 two bins
<b>Harvesting module</b>		
Pendulum suspension	Standard <b>SOFTfloat</b> ®	Standard, <b>SOFTfloat</b> ®
Pendulum conveyor chassis	Standard	Standard
Shakers	20 Aluminium support, height and number setting	20 Aluminium support, height and number setting
Cabecal de recolección de anchura variable	Standard	Standard
Number of catcher trays	2x2l	2x2l
Water tightness length	3250mm	3250mm
Soil clearance catcher tray	- de 15cm	- de 15cm
Conveyor width	320mm	320mm
Distance between conveyors	800mm	800mm
Conveying speed	Adjustable and reversible	Adjustable and reversible
Conveyor alarm	Standard	Standard
Central greasing points	Standard	Standard
<b>Cleaning</b>		
Bottom cleaning fans	Standard	Standard
Top cleaning fans	Standard	Standard
Vertical cane extractors	Standard	Standard
<b>Bins</b>		
Bin capacity	-	3400l
Discharge height	-	2700mm
Emptying method	-	Rear
Lateral discharge arm	Standard	-
Tape cross	Double fall	Standard
Discharge	Rear	Rear
<b>Multifunction</b>		
Removable picking head	Standard	Standard
Front tool carrier	Option	Option

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

\*\* This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided , some illustrations and text may include product, options and accessories NOT AVAILABLE in all regions.





GREGOIRE G86 & CPE86

GREGOIRE Speedflow and Progress boom

GREGOIRE DX20



## GREGOIRE your partner from January till December

GREGOIRE has a world wide recognized product range that has been developed with more than 30 years of experience. Today GREGOIRE is clearly your partner from pre pruning till the end of harvesting.

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