

Grape harvester
and tool carrier
GREGOIRE G7 and G8

GREGOIRE

PASSEZ À L'AVENIR*

The next generation
grape harvesters
for wide row
plantations

G7
G8



*SHIFT TO THE FUTURE

More than 30 years
of experience



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; 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

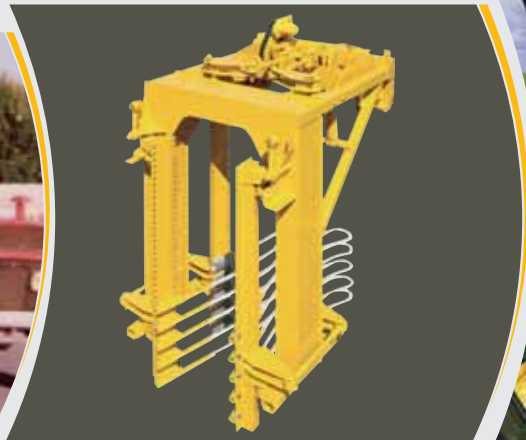
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**1978, GREGOIRE
GH Hydraulic**
Proven reliability



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



2001, GREGOIRE 100-Series
Simple & Effective



2009, GREGOIRE serie
Shift to the future







The new G7 and G8...

... Shift to the future!

G7
G8

Tool carrier

G7
G8

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 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.



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.



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.



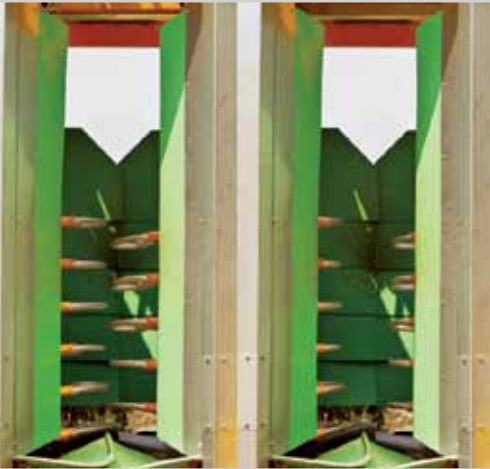
Harvesting
module

G7
G8

High performance
and smooth to
operate...



New hydraulic shaking width adjustment



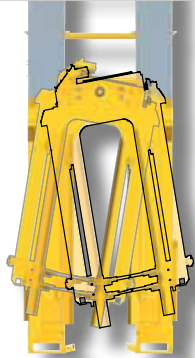
• **Hydraulic pinch adjustment** : a reliable and well proven hydraulic system that offers you the best picking result.

• **Continuously adjustable from the cab** : easy adaptation to all types of wine.

• **Different width adjustments** are possible in order to obtain the right setting under different harvesting conditions.



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.



Optimized catching area

• GREGOIRE exclusive catcher trays are pivoting by the integrated stiffeners. The system is maintenance free. The stiffener system from GREGOIRE assures an easy and cheap maintenance of your catcher trays with perfect water tightness.

• **Picking height only 15 cm from the bottom** : GREGOIRE can pick grapes at 15cm from the ground (the lowest in the market) this means no losses of grapes and no grapes that get left behind.

• Rear curtains are quick and easy to remove for an easy access to the tunnel when cleaning.



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.

• **Conveyor chassis 100% stainless steel** : no corrosion, extremely reliable and easy to clean.

• **Conveying capacity** : able to convey high tonnages of grapes 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** : lower 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.

• **Possibility to have the Cleantech or Cleantech Vario sorting table.**

• **To operate the cleaning systems from the drivers cab** : all functions and speed of cleaning fans are operated from the **CONTROLmaster®**.



G7
G8

GREGOIRE the specialist in on board sorting systems...



Simplicity in high quality cleaning ...



Sorting chain

- **A large sorting surface** : grapes are sorted without maceration.
- **Plastic chain** : oxidation free, reliable and low wear.
- **Modular chain** : minimum maintenance costs.
- **Rounded edges** : grapes are not suffering from sharp surfaces.

Rotor

- **Soft fingers** : minimum risk of maceration and serious blockages.
- **Helical assembly of fingers** : drives the leaves and the stems out of the sorting module.
- **Soft fingers are mounted as a monobloc** : good resistance against wear and tear which means lowering the cost of maintenance.
- **Integrated ejection system** : no recycling of MOG and no accumulation of MOG thanks to the integrated scraper at the end of the rotor

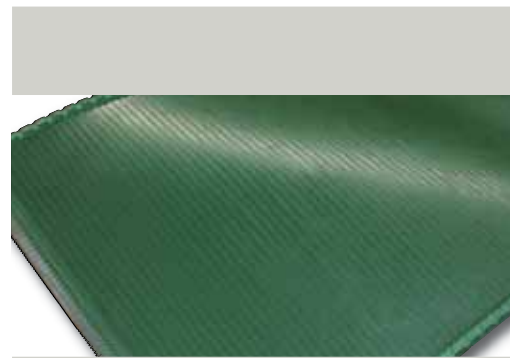


Remove from service

- A hydraulic system can be used to lift the Cleantech system out of operation, making it possible to work without it.
- **Complete disengagement when out of service** : no parts are moving when the system is out of service that means no extra wear of the components.
- **Direct into the bin** : the Cleantech system is lifted out of the way, the harvest is transported directly from the feeding auger into the bin.



From the vine to the wine tank !!!



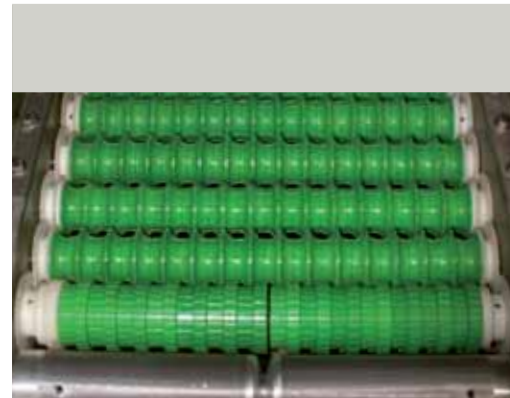
Conveyor belt

- Sorting conveyor belt is mounted just under the sorting chain: reduced drop height, which limits maceration.
- **Exclusive pattern of the sorting belt** : grooved pattern that allows an equal flow of the harvest and in particular the petioles onto the roller system



Roller system

- The curved shape of the rollers allows a free passage of the individual berries which reduces the risk of deformation and maceration.
- **Dynamic roller profile** : thanks to the dynamic profiles, petioles and stems are transported horizontally and there is no risk of falling between the rollers.
- **Exclusive roller shape** : the perfect shape to pick up stems and petioles.



Vario®

- **Distance between the rollers can be modified** : you can vary the distance between the rollers to accommodate the size of the grapes.
- **Centralized adjustment** : one single movement and the roller distance can be adjusted.
- **Exclusive GREGOIRE patent** : the Vario principle – variation of distance between the rollers – is patented by GREGOIRE.

Tool carrier

G7
G8

High performance,
comfort, and
multi function...



When it comes to performance, comfort and multifunction at low fuel consumption G7 and G8 have combined all these key elements to make this new GREGOIRE series unbeatable.

Plus, this new GREGOIRE series has set a new standard in using the tool carrier for Multifunction !



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

Our harvesters are fitted with the very best diesel engines – Deutz – and with a new transmission system from Poclain. G7 and G8 allow you to reach safely a high working speed even on up-hill or down-hill slopes.

The new hydraulic system used on both G7 and G8 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...»

G7 and G8 are equipped with **ECOdrive**®, 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...»

G7 and G8 are equipped with all hydraulic and electric connections both in the front and at the rear of the tool carrier. The front tool carrier interface has been developed to connect quick and safe, all GREGOIRE tools used for multifunction. The software immediately recognizes the tool and can be operated directly from the **VIEW-master**®, **CONTROLmaster**® and **MULTIdrive**®.

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

«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





Perfect compromise
between performance
and agility...

«Agility helps you to perform...»

G7 has been developed to offer a maximum maneuverability to save you time when turning on headlands or when operating in small vineyards. There are two main reasons for its outstanding maneuverability; first the wheelbase has been optimized and the second important factor, is the benefit of a new steering system that makes use of the maximum steering angle.



«Power and machine size ...»

G7 is fitted with Deutz 4 cylinder diesel engine – producing 145 Hp. With this engine you benefit from a maximum power for an optimum efficiency, no matter what type of work you do up or down slopes.

The engine size is ultra compact, chosen to make the overall size of the machine within its reach to get the best maneuverability. This new engine size will play in your favor to benefit from a phenomenal low fuel consumption.

«The ideal balance between ground speed and harvest quality... »

The water tightness length of the harvesting tunnel combined with the ARC picking head assure you to harvest at the speed you require even in the largest of crops.

The bottom cleaning 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. The cleaning systems mounted on the bins, either cleaning fans or the Cleantech system make sure your harvest sample is of a very high quality.

«The tool carrier for all kinds of work...»

The extreme maneuverability and the powerful Deutz engine make the new GREGOIRE G7 an all around tool carrier that is able to do all kinds of multi function work.

All around visibility which is necessary for pre pruning or trimming, a powerful engine that is needed for spraying, make G7 a real multifunction player in the market.

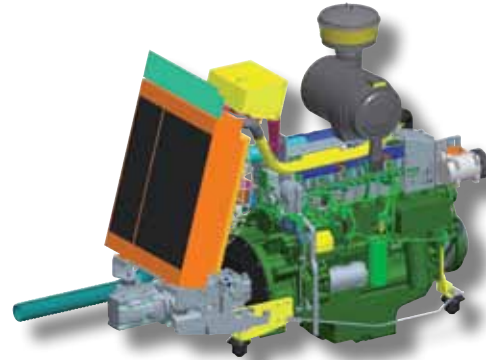




G8

«Power to assure extreme conditions...»

G8 is fitted with Deutz 6 cylinder diesel engine – producing 167Hp @ 2100 Rpm. This engine supplies sufficient power to operate this new machine in extreme conditions by keeping a very efficient fuel consumption.



When developing G8, special attention was paid to keep the center of gravity as low as possible. This together with its dimensions and wheel base give G8 an excellent stability even in hilly conditions and heavy slopes. You can drive G8 in all confidence at the speed you require in all conditions

«The highest harvesting speed in the market...»

The long water tightness length (2650) combined with a high capacity picking head make G8 the best in class and as well the fastest in its category. This high capacity harvester that is powerful and has excellent maneuverability characteristics, is a top performer with high conveying capacity and delivers a perfect harvest sample even at a high working speed.

«Because driving comfort is also a matter of efficiency...»

G8 is now available with the well-known Gregoire central bin system. Thanks to the direct vision to the bin the driver can achieve discharge process on his own.

The hydraulic door and the bin position on the machine makes possible partial emptying and discharge without getting out of the row.

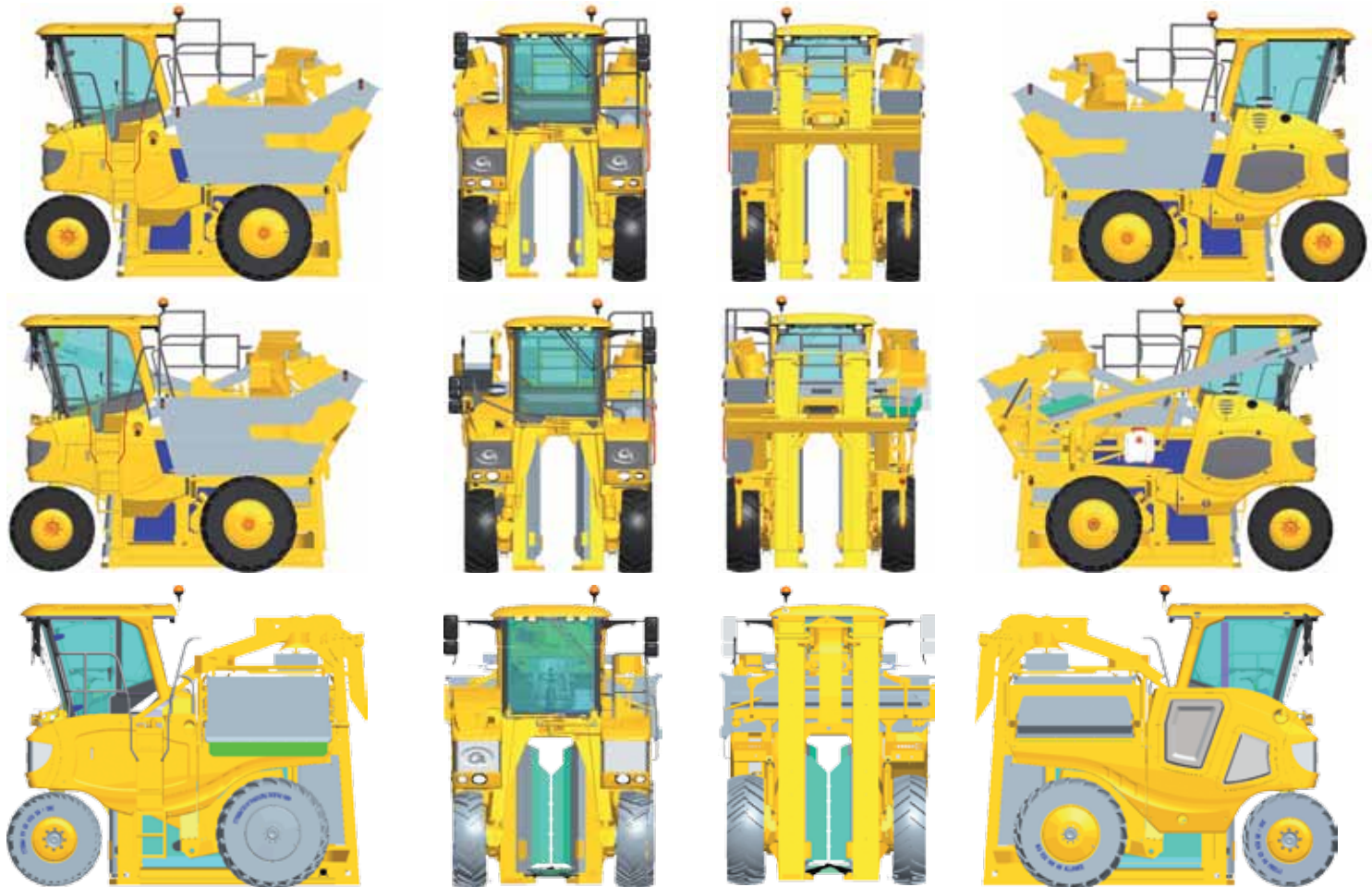
Your picking performances are optimized thanks to the cut of all wasted time.

Your partner
in high capacity
harvesting...



	Total length	Total width	Total height	Wheelbase	Bins height	Width hoods	Width at bins level	Front wide	Rear wide	Wide at wheels	Height axis dump bins (conveyor on the ground)	Deflection of leg
G7.240 two bins 12HL	4855	2795	3700	2725	2634	2525	2730	1980	2112	2600	2204	500
G7.240 two bins 14HL	4855	2995	3700	2725	2634	2525	2930	1980	2112	2600	2204	500
G8,260 two bins 14HL	5183	2797	3700	2862	2745	2660	2730	2116	2247	2730	2204	600
G8,260 two bins 16HL	5183	2997	3700	2862	2745	2660	2930	2116	2247	2730	2204	600
G8,260 bin arm	5183	2919	3700	2862	2745	2660	NA	2116	2247	2730	2204	600
G8.270	4750	2860	3700	2870	1870	2630	NA	2066	2162	2590	NA	600

G7
G8



Technical Specifications

	G7.240	G8.260 2xBins	G8.260 Bin&arm	G8.270
For plantations				
Minimum width	1,50m	1,70m	1,70m	1,50m
Height maximum	1,95m	1,95m	1,95m	1,95m
Engine				
Brand	Deutz	Deutz	Deutz	Deutz
Cylinders	4	6	6	6
Displacement	4,04l	6L	6L	6L
Power ISO/RpM	144hp-2100rpm	167hp-2100rpm	167hp-2100rpm	167hp-2100rpm
Tank capacity	165l	175l	175l	175l
Transmission				
4 Wheel drive	Standard	Standard	Standard	Standard
Anti skid twin lock	Standard	Standard	Standard	Standard
AUTOspeed ®	Standard	Standard	Standard	Standard
AUTOdrive ®	Standard	Standard	Standard	Standard
Filtration system	125l	125l	125l	125l
Tilt correction	Pressure + return	Pressure + return	Pressure + return	Pressure + return
Slope correction	500mm / 25%	600mm / 28%	600mm / 28%	600mm / 28%
AUTOlevel ®	Standard	Standard	Standard	Standard
Front tires	360 / 70 R20	380 / 85 R24	380 / 85 R24	380 / 85 R24
Rear tires	460 / 70 R24	480 / 70 R 28	480 / 70 R 28	480 / 70 R 30
Torque limiter	Standard	Standard	Standard	Standard
Driver cab				
Conditioning cab, VISIOcenter ®	Standard	Standard	Standard	Standard
Position	Central	Central	Central	Central
Pneumatique seat	Standard	Standard	Standard	Standard
Color terminal, VIEWmaster ®	Standard	Standard	Standard	Standard
Joystick, MULTIdrive ®	Standard	Standard	Standard	Standard
Side console, CONTROLmaster ®	Standard	Standard	Standard	Standard
Memory output	Standard	Standard	Standard	Standard
Memory settings	Standard	Standard	Standard	Standard
Camera	Standard	Standard	Standard	Standard

	G7.240	G8.260 2xBins	G8.260 Bin&arm	G8.270
Harvesting module				
Pendulum suspension	Standard, SOFTfloat ®	Standard, SOFTfloat ®	Standard, SOFTfloat ®	Standard, SOFTfloat ®
Pendulum conveyor chassis	Standard	Standard	Standard	Standard
Shakers	14 Alum. support, height and number setting	14 Alum. support, height and number setting	14 Alum. support, height and number setting	14 Alum. support, height and number setting
Picking head width	Standard	Standard	Standard	Standard
Number of catcher trays	2x20	2x22	2x22	2x22
Water tightness length	2400mm	2600mm	2600mm	2600mm
Soil clearance catcher tray	Less than 15cm	Less than 15cm	Less than 15cm	Less than 15cm
Conveyor width	320mm	320mm	320mm	320mm
Distance between conveyors	650mm	650mm	650mm	650mm
Conveying speed	Adjustable and reversible	Adjustable and reversible	Adjustable and reversible	Adjustable and reversible
Conveyor alarm	Standard	Standard	Standard	Standard
Central greasing points	Standard	Standard	Standard	Standard
Cleaning				
Bottom cleaning fans	Standard	Standard	Standard	Standard
Vertical cane extractors	Standard	Standard	Standard	Standard
Top cleaning fans	Depend on version	Depend on version	Standard	Depend on version
Cleantech ®	Depend on version	Depend on version	NA	Depend on version
Vario ®	Depend on version	Depend on version	NA	Depend on version
Bins				
Bin capacity	2400l standard / 2800l option	2800l standard / 3200l option	600L	3000l
Discharge height	2700mm	2800mm	2800mm	2600mm
Emptying method	Rear	Rear	Rear	Rear
Lateral discharge arm	NA	NA	Standard	NA
Tape cross	NA	NA	Standard	NA
Multifunction TOOLintegration ®				
Removable picking head	Standard	Standard	Standard	Standard
Front tool carrier	Option	Option	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 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.

GREGOIRE G7 & G8



GREGOIRE Speedflow and Progress boom



GREGOIRE DX20



GREGOIRE