

Self-propelled grape harvester
and tool carrier
GREGOIRE G9.330

GREGOIRE

P A S S E Z À L ' A V E N I R

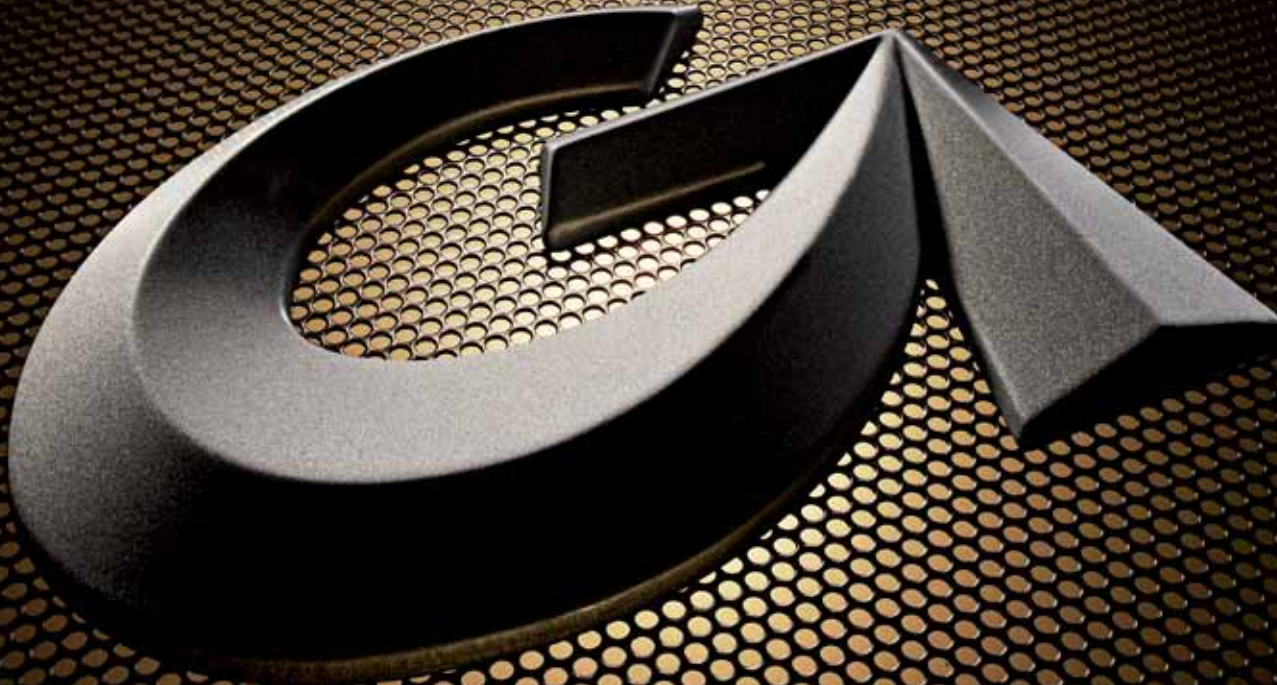
The ultimate solution
for harvesting wide
trellised grapes and
high density olive
plantations

G9



* SHIFT TO THE FUTURE

More than 30 years
of experience



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



GREGOIRE offers a wide range of vineyard maintenance tools : 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.

Staying close to our customers allow us a great reactivity and a complete understanding of our customer's expectations.

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

Besides viticulture, GREGOIRE also developed an harvesting solution for olives.

Working with olive growers from the 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.

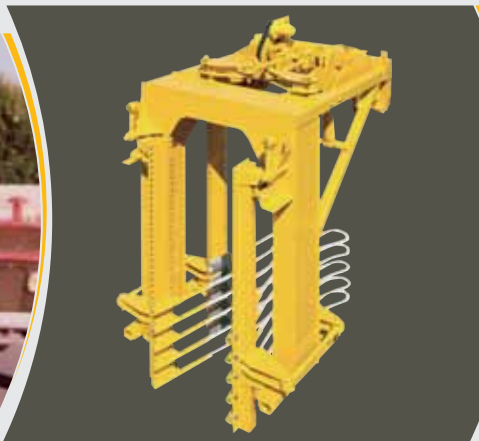
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**1978, GREGOIRE
GH Hydraulic**
Proven reliability



**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







Today, with G9

... Shift to the future!

G9

Tool carrier



Innovation that
sets the standard ...



Powerful & low consumption

- **DEUTZ engine, 6 cylinders 167 hp** : maximum power at low RPM, important torque reserve even in hardest conditions
- **ECOdrive** : automatic rpm decrease when turning on headlands
- **AUTOdrive** : on road mode, engine speed and transmission pump are efficiently managed to optimize fuel consumption and noise level

Efficient transmission

- **AUTOspeed, cruise control** : constant work speed whatever the vineyard/grove conditions
- **4 wheel drive system** with automatic twin lock (anti spinning)
- **AUTOdrive** : on road mode, movements of the joystick controls the forward or reverse speed. Rear wheel drive avoids wheel spin and unnecessary wear of the tires

High comfort driver cab

- **Great visibility** : in the axis of the row, the Gregoire central cab offers you a wide visibility on both side of the machine and on the harvesting tunnel
- **GREGOIRE central driver cab** : its central position, its curved wind screen and its large dimension provides you an unrivaled working comfort
- **Soundproofing cab** : great comfort for long working hours
- **High quality equipment** : including Radio CD player, coolbox, a comfortable pneumatic seat with arm rests, air conditioning and left and right mirrors electrically operated



Simple and intuitive controls

- **CONTROLmaster** : centralized setting, every picking head and tool carrier setting are controlled from the side console
- **VIEWmaster** : large tactile screen, all useful information is available in one glance
- **Automatic recognition of tools** : controls, displays are adapting automatically to the tool that is connected to the tractor base (picking head, sprayer, ...)

Exclusive joystick

- **Linear neutral position** : joystick covers 3 times more functions (GREGOIRE patent)
- **Full control** : operate the main functions with your hands on the joystick : starting conveyors, picking head, bins emptying, height, slope
- **AUTOlevel semi-automatic slope correction** : total security, simple and fast control



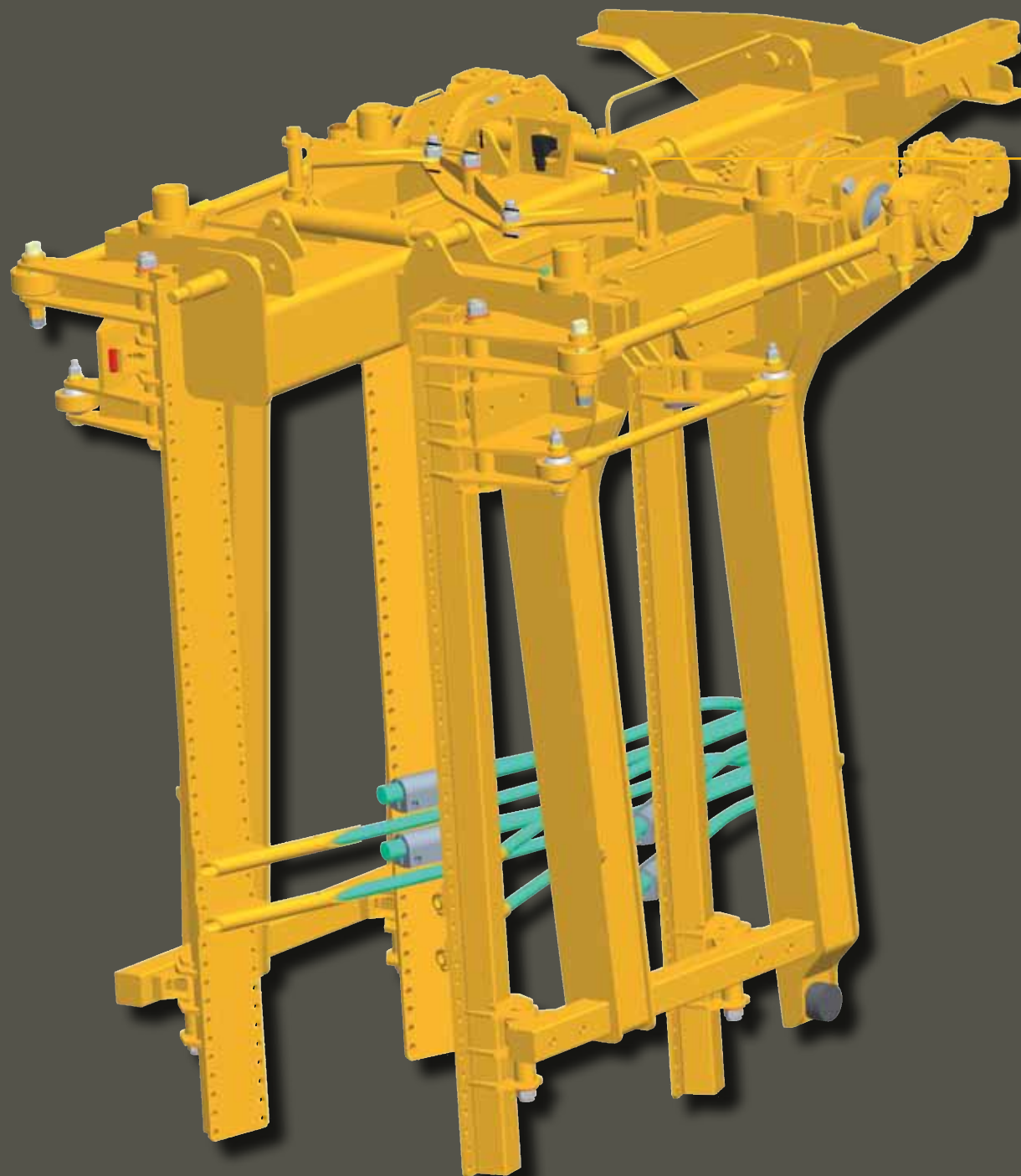
High yields tool integration

- **3 picking head for every situations** :
 - 1 **Vineyard picking head** : adapted for high yielding vineyards
 - 2 **Olive picking head** : exclusively designed for high density Olive plantations
 - 3 **Versatile picking head** : dedicated for Vineyards and Olive groves

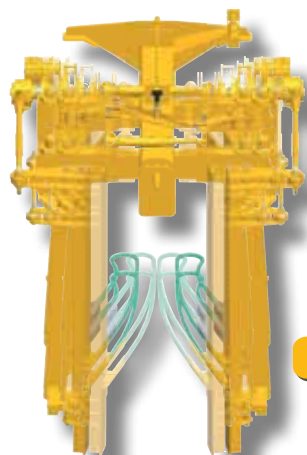
- **Sprayers GREGOIRE Multiflow QUATTRO Idea**



Vineyard
picking head



High performance
and picking quality



VARIwidth+

- **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 driver's cab and can be checked on the **VIEWmaster** screen
- **Large setting range** : harvest is optimized whatever the conditions
- **Width adjustment up to 800mm** : suitable for wide trellis and cross arm trellis systems
- **The shaker active zone is optimized thanks to the parallel movement of picking posts**



New suspension

- **Pendulum suspension** : follows the vines perfectly 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
- **Double pendulum system** : both conveyors and picking head are pendular for a perfect alignment on the row and a softer pick

ARC shakers : recognized for their soft and gentle pick

- **Adjusting the active zone** : quick and accurate setting of the shakers position for a perfect adaptation to every picking conditions
- **Exclusive shape** : ARC shape assures that the rods are longer in contact with the fruit bearing zone and also picks very well around the intermediate posts
- **Exclusive material** : long lasting and hard wearing



Conveying : efficiency and respect of the grape

- **Supple belt drive** : A self-tensioning drive on each belt ensures a positive torque relative to yields and load to protect the belt life
- **Simple belt routing** : the simplicity of the main belt direction of travel reduces risks of blockages and gentler handling of the fruit
- **Exclusive Original GREGOIRE belts** : a superior quality that will handle the crops and conditions which equals better performance



Maximum cleaning, minimal losses !

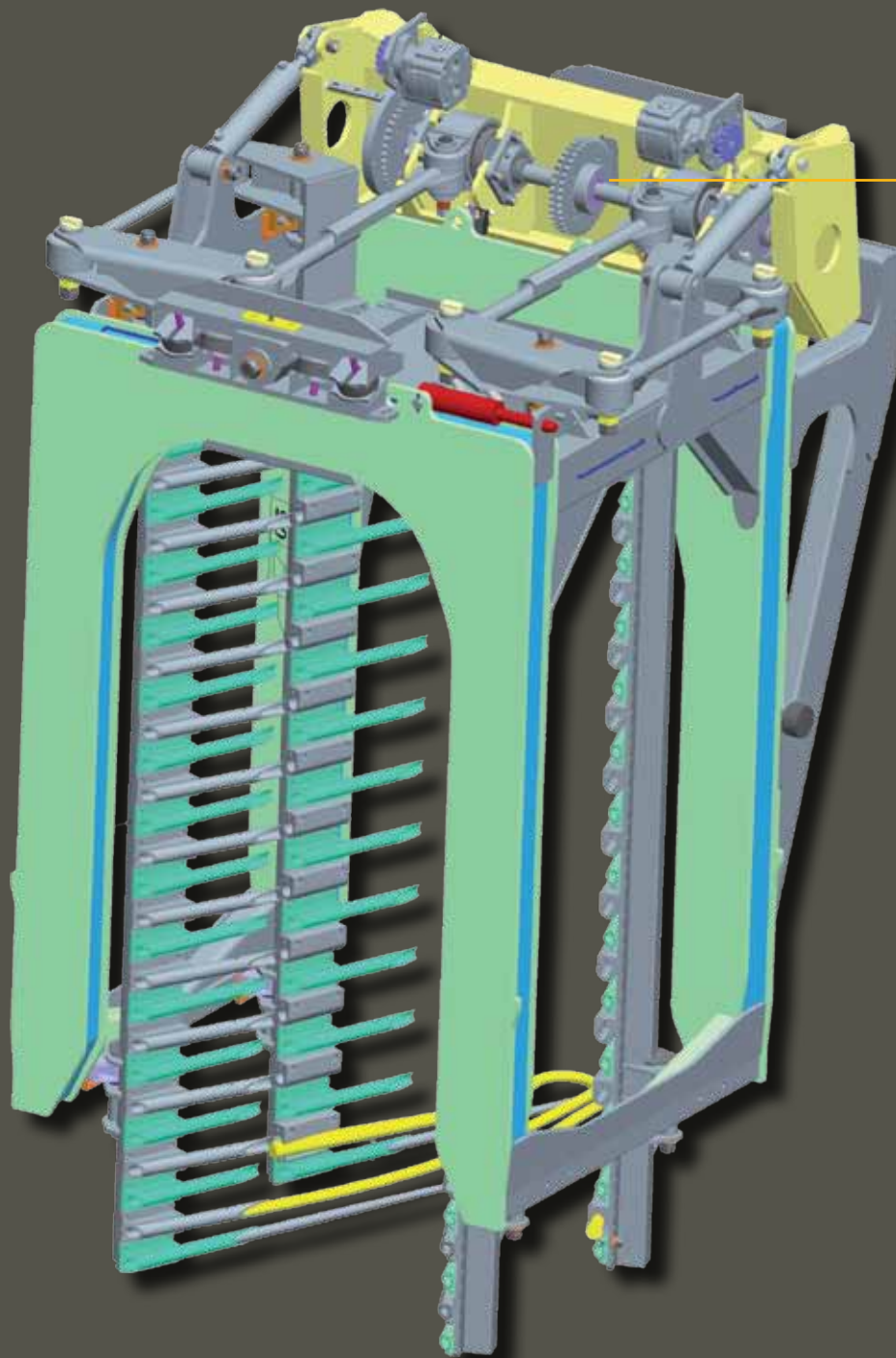
- **Bottom cleaning fans and vertical cane extractors** : Cleaning and wood extraction is performed right after grapes are picked, limiting juice losses and blockage risks
- **Standard top fans** : maximum cleaning efficiency even at high speed
- **All settings available from drivers cab** : all functions and speed of cleaning fans are operated from the driver cab



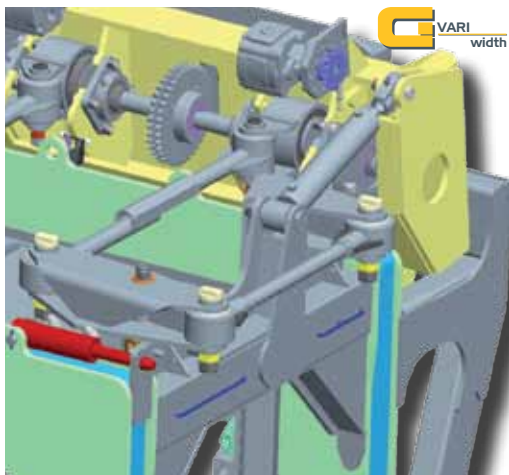
Storage and discharge : for every grower a solution

- **Twin bin** : perfectly adapted for wide rows
- **Bin and arm** : for large plots
- **Arm** : especially adapted for high yields

Olives
picking head



An unequaled
harvest quality ...

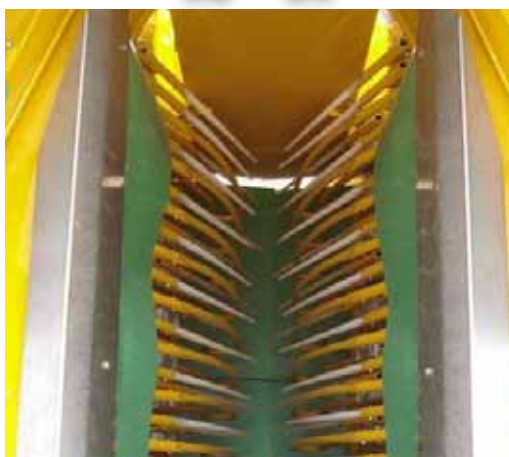


VARIwidth : new harvest principle

- **Eccentric blocks tipping** : without friction, simple, efficient and reliable
- **Adjustable from the cab** : easy adaptation to all types of olive trees
- **Pinch value** : directly available from the cab
- **Large width setting range**: always get the right setting for every harvest conditions

New suspension

- **Pendulum suspension** : follows the vines perfectly 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
- **Double pendulum system** : both conveyors and picking head are pendular for a perfect alignment on the row and a softer pick



ARC and straight shakers

- **36 ARC shakers + 2 straight shakers** : the complete bearing zone is picked
- **Adjusting the active zone** : quick and accurate setting of the shaker's position for a perfect adaptation to every picking condition
- **Exclusive shape : ARC** shape assures that the rods are longer in contact with the fruit bearing zone and also picks very well around the intermediate posts
- **Exclusive material** : long lasting and hard wearing



Optimized catching area

- **Pivoting by the integrated stiffeners** : maintenance free, perfect water tightness
- **Supple scale** : no damage to the olive trunk
- **Picking height only 15 cm from the bottom** : GREGOIRE can pick olives 15 cm from the ground (the lowest on the market), no loss of olives and no olives that get left behind



Conveying : efficiency and respect of the olives

- **Supple belt drive** : A self-tensioning drive on each belt ensures a positive torque relative to yields and load to protect the belt life
- **Simple belt routing** : the simplicity of the main belt direction of travel reduces risks of blockages and gentler handling of the fruit
- **Exclusive Original GREGOIRE belts** : a superior quality that will handle the crops and conditions which equals better performance
- **GREGOIRE buckets** : no trituration, all the Olives are gently conveyed to the bins

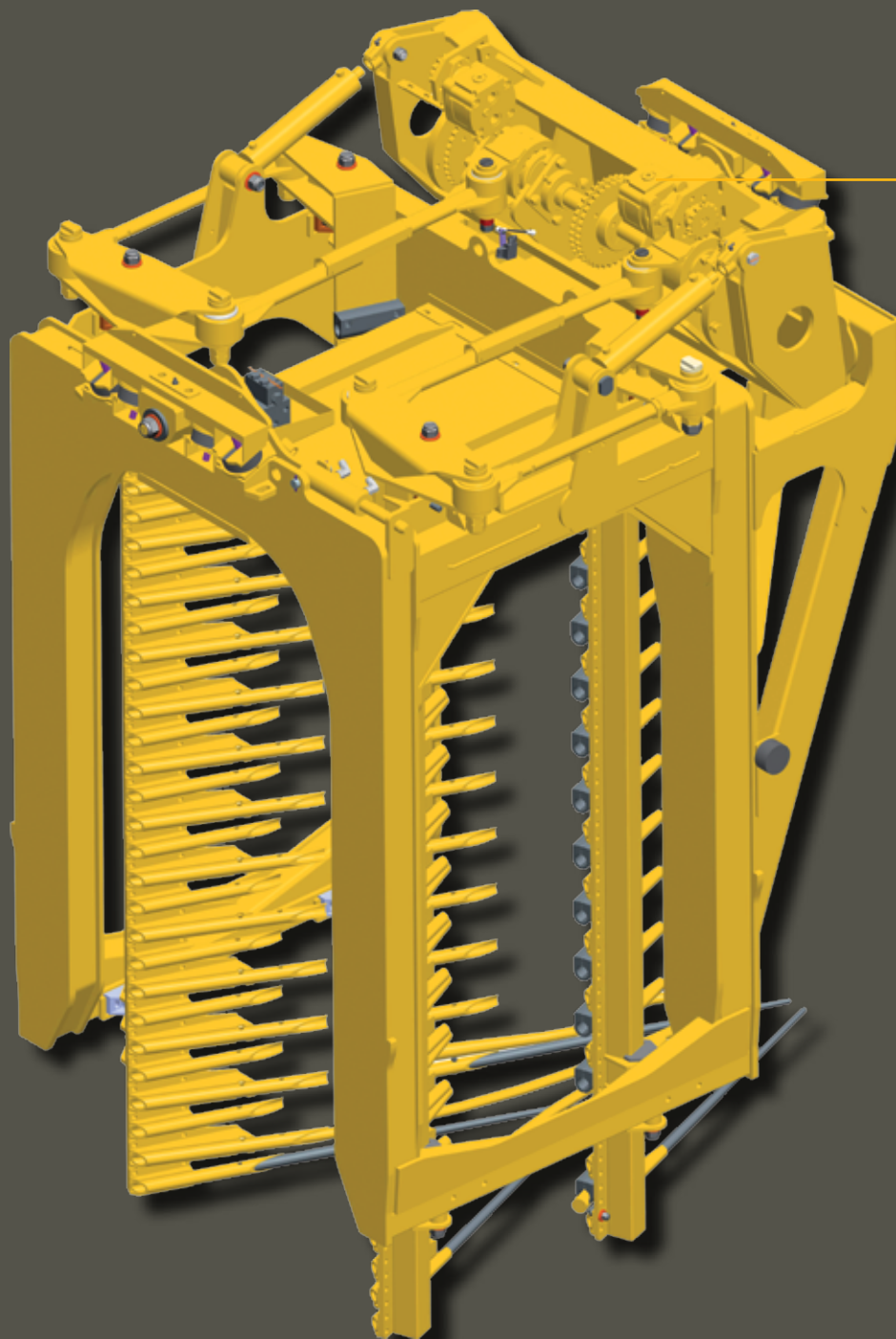


A perfect cleaning quality

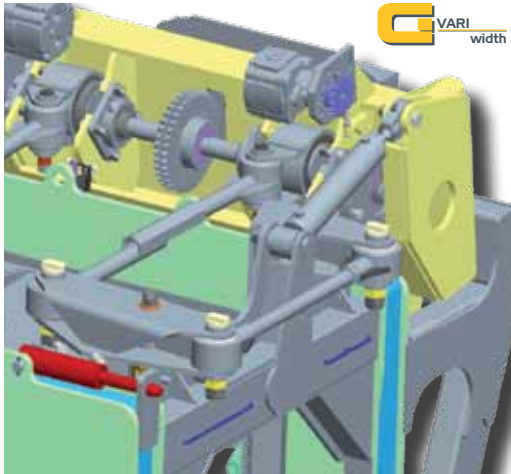
- **3 fingers stick flickers** : easy extraction of Woods, no damage to the conveying system
- **Standard top fans** : maximum cleaning efficiency even at high speed
- **All settings available from driver's cab** : all functions and speed of cleaning fans are operated from the driver's cab

Versatile
picking head

CS



The perfect solution
for grape and olives



VARIwidth : new harvest principle

- **Eccentric block tipping** : without friction, simple, efficient and reliable
- **Adjustable from the cab**: easy adaptation to all types of grape/olive plantations
- **Pinch value** : directly available from the cab
- **Large width setting range** : always get the right setting for every harvest condition

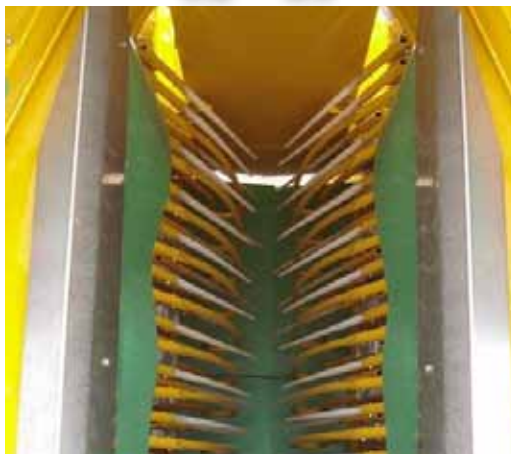
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- **Exclusive material** : long lasting and hard wearing



Optimized catching area

- **Two catcher trays are available** : monobloc and flexible scales, or fitted on silent blocks
- **Flexible scales** : designed for olives, without damaging to the trunk, returns to position thanks to the material
- **Silent block scales** : suitable for large rootstock and intensive areas

Conveying : efficiency and respect of grape/olives



- **Supple belt drive** : A self-tensioning drive on each belt ensures a positive torque relative to yields and load to protect the belt life
- **Simple belt routing** : the simplicity of the main belt direction of travel reduces risks of blockages and gentler handling of the fruit
- **Exclusive Original GREGOIRE belts** : a superior quality that will handle the crops and conditions which equals better performance
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Storage and discharge : for every grower a solution

- **Twin bin** : perfectly adapted for wide rows
- **Bin and arm** : for large plots
- **Arm** : especially adapted to high yields





G9.330	Total length	Total width	Width at bins level	Width at wheels	Width hoods	Total height	Top bin height	Emptying height	Front wide	Back wide	Deflection of leg	Wheelbase
Vineyard - Two bins 3400L	5867	3000	3000	2854	2784	3700	2745	2204	2240	2371	600	3350
Vineyard - Discharge arm	5706	2916	-	2854	2784	3700	-	-	2240	2371	600	3350
Vineyard - Discharge arm + bin	6076	3000	3000	2854	2784	3700	3227	2797	2240	2371	500	3350
Olive- Discharge arm + bin	5867	3000	3000	2854	2784	3700	2745	2204	2240	2371	600	3350
Olive - Two bins 3400 L	6076	3000	3000	2854	2784	4000	3227	2797	2240	2371	500	3350
Versatile - Discharge arm + bin	6076	2962	-	2854	2784	4000	3227	2797	2240	2371	500	3350
Versatile - Two bins 3400 L	6076	3000	3000	2854	2784	3700	3227	2797	2240	2371	500	3350
Versatile - Discharge arm + bin	6076	2916	-	2854	2784	3700	-	-	2240	2371	500	3350



Equipment

G9.330	Vineyard			Olive		Versatile		
For plantations	Two bins	Arm + bin	Arm	Two bins	Arm + bin	Two bins	Arm + bin	Arm
Minimum width	2 m			2 m		2 m		
Height maximum	1,95 m			2,25 m - 2,50 m		2,25 m - 2,50 m		
Engine								
Brand	Deutz			Deutz		Deutz		
Cylinders	6			6		6		
Displacement	6 L			6 L		6 L		
Power ISO/RpM	167 cv / 2100 rpm			167 cv / 2100 rpm		167 cv / 2100 rpm		
Torque/RpM	688Nm / 1600rpm			688Nm / 1600rpm		688Nm / 1600rpm		
Tank capacity	260 l			260 l		260 l		
Transmission								
4 Wheel drive	Standard			Standard		Standard		
Anti skid twin lock	Standard			Standard		Standard		
AUTOspeed ®	Standard			Standard		Standard		
AUTOdrive ®	Standard			Standard		Standard		
Oil tank	125 L			125 L		125 L		
Filtration system	Standard			Standard		Standard		
Inclination correction	600 mm / 25%			750 mm / 25%		750 mm / 25%		
Slope correction	Standard			Standard		Standard		
Front tyres	380 / 85 R24			380 / 85 R24		380 / 85 R24		
Rear tyres	480 / 70 R 28			480 / 70 R 28		480 / 70 R 28		
Torque limiter	Standard			Standard		Standard		
Cabin								
Air conditioning, VISIOcenter ®	Standard			Standard		Standard		
Position	Central			Central		Central		
Pneumatic seat	Standard			Standard		Standard		
Terminal VIEWmaster ®	Standard			Standard		Standard		
Joystick MULTIdrive ®	Standard			Standard		Standard		
Side console CONTROLmaster ®	Standard			Standard		Standard		
Memory output (hectars, hours, ...)	Standard			Standard		Standard		
Memory settings	Standard			Standard		Standard		
Camera (color)	2 - standard			2 - standard		2 - standard		

G9.330	Vineyard			Olive		Versatile		
	Two bins	Arm + bin	Arm	Two bins	Arm + bin	Two bins	Arm + bin	Arm
Harvesting module								
Pendulum suspension	Standard			Standard		Standard		
Pendulum conveyor chassis	Standard			NA		NA		
Shakers	20 ARC			36 ARC + 2 staight		36 ARC + 2 staight		
Picking head width adjustment	Standard			Standard		Standard		
Number of catcher trays	2 x 24			2 x 24		2 x 24		
Water tightness length	3300 mm			3300 mm		3300 mm		
Soil clearance catcher tray	less than 15 cm			less than 15 cm		less than 15 cm		
Conveyor width	320 mm			320 mm		320 mm		
Distance between conveyors	750 mm			750 mm		750 mm		
Conveying speed	Adjustable and reversible			Adjustable and reversible		Adjustable and reversible		
Conveyor alarm	Standard			Standard		Standard		
Central greasing points	Standard			Standard		Standard		
Cleaning								
Bottom cleaning fans	Standard			Stick flickers		Standard		
Top cleaning fans	Standard			Standard		Standard		
Vertical cane extractors	Standard			Standard		Standard		
Bins								
Bin capacity (L)	4000	2000	-	4000	2000	4000	2000	-
Discharge height (m)	2,80	2,80	-	3,3	2,80	3,3	2,80	-
Emptying method	Std	Std	-	Std	Std	Std	Std	-
Lateral discharge arm	-	Std	Std	-	Std	-	Std	Std
Top cross	-	Std	Twin fall	-	Std	-	Std	Twin fall
Multifunction								
Removable picking head	Standard			Standard		Standard		
Front tool carrier	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 G10.380



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