

Grape harvester
and tool carrier
GREGOIRE G7.200

GREGOIRE

P A S S E Z À L' A V E N I R *

Power & multifunction
the perfect balance



G7
.200

* 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
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 customers' expectations

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

Besides viticulture, GREGOIRE also developed harvest solution for olives.

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

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

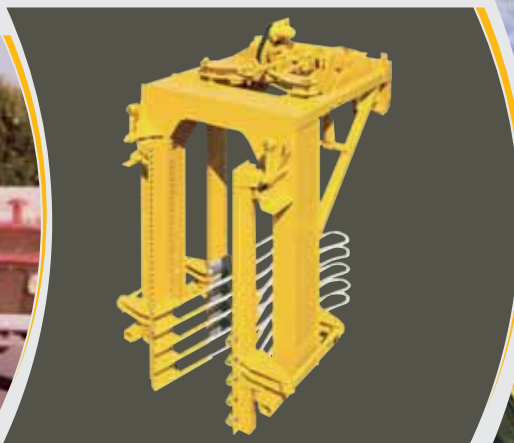
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**1978, GREGOIRE
GH Hydraulique**
Fiabilité prouvée



**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





Multi-purpose grape
harvester G7.200

... Shift to the future !



Tractor base



A compact and
versatile tractor base ...



Compact and maneuverable

- **Compact and versatile frame** : compact tractor base, small size for best maneuverability
- **600 mm elevation** : optimized slope correction and increased clearance under frame
- **Compact steering system** : great visibility to the front and into the picking head entrance



Smart RPM management

- **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

Power and low consumption

- **DEUTZ engine 4 cylinders, 130hp** : low fuel consumption, reliable and efficient
- **Tier 4i technology** : with Diesel Particulate Filter, gas emission reduction and respect of the environment
- **Optimized engine speed** : maximum power at low RPM, low consumption, and reduced noise level
- **Low position engine** : perfect visibility on both sides of the machine, easy access for maintenance



Perfect visibility :

- **Perfect visibility** : no steering rod for a perfect visibility and an optimized steering angle
- **Incredible maneuverability** : 90° steering angle and short wheel base, 3.60 steering radius, **the smallest on the market!**



Efficient transmission

- **4 wheel drive system** : permanent four-wheel drive system: on road and at work
- **Integrated anti-skid** : no skid risks, easier work even in hardest conditions
- **AUTOspeed, cruise control** : constant work speed whatever the vineyard configuration



GREGOIRE multifunction

- **Sprayer integration** : quick and easy coupling of the Iso Optima sprayer.
- **GREGOIRE tool carrier** : easy coupling of any vine conditioning tool : pre pruner, trimmer ..
- **Centralized connection** : electric and hydraulic connections all fitted on one single interface plate : quick and easy tool connections
- **Compact steering** : perfect visibility on front multi-function works



When long hours
become shorter ...

Driving cab





Central driving cab

- **GREGOIRE central cab** : it's central position, it's curved windscreen and it's large dimension provides you a unrevealed working conform
- **Total visibility** : whilst in the row, the Gregoire central cab offers you a wide visibility on both sides of the machine and on in the harvesting tunnel
- **Quality soundproofing** : great comfort for long working hours



Ergonomic and compact control console

- **Compact control console**: optimized cab space, perfect visibility
- **Perfect ergonomics** : easy to use and comfortable working conditions
- **Controls integrated in the armrest** : more accurate and fatigue free



MULTIdrive® Exclusive joystick

- **Linear motion** : the smooth joystick liner motion controls the forward and reverse speed with great accuracy
- **Total control** : includes all machine functions: (height, slope, picking head, headlands sequencing, bins ..)
- **AUTOlevel®** : a special button controls the semi-automatic slope correction whatever the joystick position



TOUCHpad, tactile and colour screen

- **Colour screen** : easy reading of 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
- **Intuitive drawings** : easy understanding and use
- **Easy set up** : quick navigation, 3 possible ways: tactile, contactors or scroll



User friendly display

- **Real time display** : components speeds are displayed in real time for a perfect control of your harvest
- **Slope indicators** : keep control on your harvester inclination
- **Bin filling gauge with colour screen display** : colour codes allows for an easy and fast reading
- **Automatic camera management** : this smart automatic cameras managementsystem allows either camera to be displayed on the TOUCHpad screen depending what direction you are going

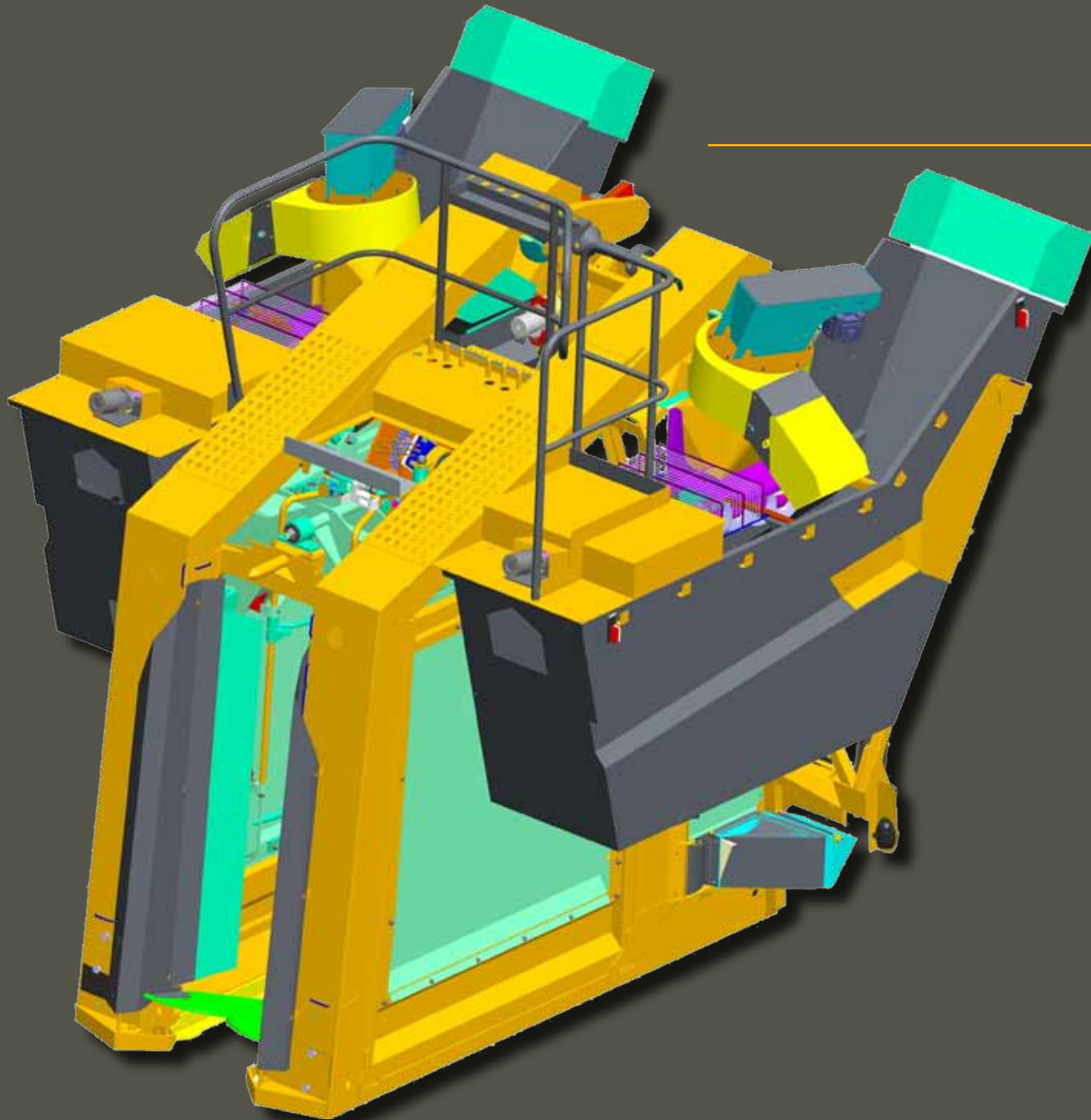
More & more ...

- **Setting recording** : settings are stored and can be retrieved back quickly
- **Plot recording** : picking head, engine hours , number of hectares picked, working hours
- **Data transfer** : data can be recorded and transferred to a laptop or desktop computer



Harvesting module

E7.200



The new harvest
standard ...



Hydraulic pinch adjustment

- **Eccentric bloc rotation** : no friction between parts, great reliability
- **Adjustable from the cab** : easy adaptation to all types of vines
- **Large width setting range** : always get the right setting to every harvesting condition
- **New compact eccentric bloc** : reduced size & weight for a lighter machine



Optimized driving system

- **Two picking posts** : double driving system, uniform checking cinematic for a great picking quality and a total respect of your vines
- **Two shakers support system** : low shaking frequency required, high work speed
- **Mounted on heavy duty silent blocks** : no vibrations and extremely reliable

ARC shakers: Soft pick & efficiency

- **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 pick very well around the intermediate posts.
- **Exclusive material** : long lasting and very hard wearing



Optimized catching area

- **Pivoting by the integrated stiffeners**: maintenance free, perfect water tightness
- **Picking height only 15 cm from the bottom** : GREGOIRE can pick grapes at 15 cm from the ground (the lowest in the market), no losses of grapes and no grapes that get left behind
- **Important water tightness, 2100mm**: high work speed, no losses on the ground



Conveying : efficiency and respect of the grape

- **Supply belt driving system** : made by pendulum system, automatic tensioning depending on yields, belt respect in case of sudden tension
- **Simple belt routing** : no trituration, no blockage risks, open system for a total respect of your grapes
- **Exclusive GREGOIRE belt** : long lasting, reliable and repairable

Maximal cleaning, minimal losses

- **Bottom cleaning fans and vertical cane extractors** : Cleaning and wood extraction right after grapes are picked, no juice loss no blockage risks
- **Top fan on option** : 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



Sorting system



An unequaled
harvest quality



simplicity for a top
quality sample

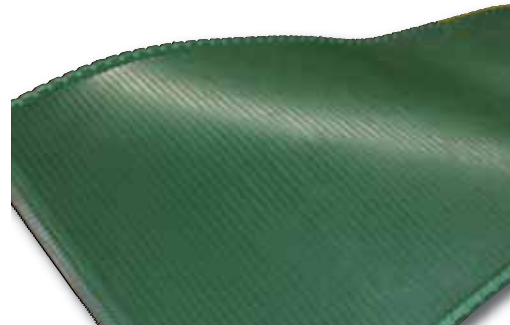


Sorting chain

- **A large sorting surface** : grapes are sorted without trituration
- **Plastic chain** : oxidation free, reliable and low wear
- **Modular chain** : minimum maintenance costs
- **Rounded shape** : grapes are not damaged by sharp surfaces



from the vine
to the tank!!!



Conveyor belt

- **Just under the sorting chain** : reduced drop height, which limits maceration
- **Exclusive pattern of the sorting belt** : grooved pattern that allows an equal berry flow and petioles onto the roller system



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 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



Roller system

- **Curved shape of rollers** : allows a free passage of the individual berries which reduces the risk of berry rupture and trituration
- **Dynamic roller profiles** : thanks to the dynamic profiles, petioles and stems are transported horizontally straight out of the sorting system
- **Exclusive roller shape** : the perfect shape to pick up stems and petioles



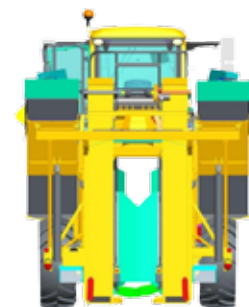
Remove from service

- **On-off hydraulic disengagement** : easy and quick adaptation in every vineyard condition
- **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



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 roller distance can be adjusted
- **Exclusive GREGOIRE patent** : the Vario principle – variation of distance between the rollers – is patented by GREGOIRE



G7.200	Total lenght	Total width	Width at bins level	Wheelbase	Width hoods	Total height	Bins height	Height axis dump bins (conveyor on the ground)	Front wide	Rear wide	Deflection of leg	Wide at wheels
11HL bins	4763	2760	2760	2455	2504	3700	2723	2380	1999	2050	600	2538
14HL bins	4763	3000	3000	2455	2504	3700	2723	2380	1999	2050	600	2538



G7.200	Total lenght	Total width		Wheelbase	Width hoods	Total height			Front wide	Rear wide	Deflection of leg	Wide at wheels
Porteur	3529	2504		2455	2504	3700			1999	2050	600	2538

Equipment

G7.200	
For plantations	
Minimum width	1,50m
Height maximum	1,95m
Engine	
Brand	Deutz (Phase IIIB)
Cylinders	4
Displacement	3,62l
Power ISO/RpM	130hp / 2000rpm
Tank capacity	210l
Transmission	
4 Wheel drive	Standard
Anti skid twin lock	Standard
AUTOspeed ®	Standard
AUTOdrive ®	Standard
Oil tank capacity	125l
Filtration system	Pressure + return
Tilt correction	600mm / 25%
AUTOlevel ®	Standard
Front tires	320x70R20
Rear tires	400x70R24
Torque limiter	Standard
Driver cab	
Conditioning cab	Standard
Position	Centrale
Pneumatique seat	Standard
Color screen	Standard
Joystick- MULTIdrive ®	Standard
Side console	Standard
Memory output	Standard
Memory settings	Standard
Camera	Standard

G7.200	
Harvesting module	
Pendulum suspension	Standard
Pendulum conveyor chassis	Not available
Shakers : 14 Alum. support, height and number setting	
Réglage de pincement	Standard
Number of catcher trays	2x17
Water tightness length	2100mm
Soil clearance catcher tray	Less than 15cm
Conveyor width	320mm
Distance between conveyors	650mm
Conveying speed	Adjustable and reversible
Conveyor alarm	Standard
Central greasing points	Standard
Cleaning	
Bottom cleaning fans	Standard
Vertical cane extractors	Standard
Top cleaning fans	Depend on version
Cleantech ®	Depend on version
Vario ®/ Viniselect ®	Depend on version
Bins	
Bin capacity	2200L/2800L
Discharge height	3000mm
Emptying method	Rear
Multifunction	
Removable picking head	Standard
Front tool carrier	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.

*** The equipment complies with European Directives 2002/44 / EC and 2003/10 / EC

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 & Progress boom



GREGOIRE G10.380



GREGOIRE

89, avenue de Barbezieux
CS70213 Châteaubernard
FR-16111 Cognac Cedex

Tel. +33 (0)5 45 82 23 49

Fax. +33(0)5 45 82 94 43

contact@gregoiregroup.com

www.gregoire.fr

facebook.com/gregoirefrance

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