

Pull type grape harvester
GREGOIRE GT3 et GX3

GREGOIRE

**Innovative &
connected**

GX3
GT3





GREGOIRE,
expertise and
know-how at
the heart of
vineyards and
orchards

50 years of expertise and passion

GREGOIRE designs and offers a complete range of solutions for vineyard and orchard mechanisation: straddle tractors, grape harvesters, sprayers and harvesting machines.

Designed around three priorities — performance, robustness and cost control — our equipment combines innovation with crop care. It preserves the potential of every plot and supports growers in their pursuit of sustainability and quality.

Our strength is built on a strong distribution network and expert teams able to provide local support, guidance and a high standard of after-sales service.

Present in all major production regions worldwide, **GREGOIRE** is recognised as a key player in specialised mechanisation.

*Choosing **GREGOIRE** means choosing a specialist committed to supporting you in the performance of your operation, the quality of your production and the long-term preservation of your expertise.*

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1978, GREGOIRE GMH

Relevance and efficiency for vineyard mechanisation



1990, ARC harvesting head

Crop care, harvest quality and proven robustness



2017, GREGOIRE GL7

Innovation designed around the user



2018, GREGOIRE GSE

The expertise of a vineyard mechanisation specialist



GREGOIRE GT3 and GX3, Innovative and connected

Developed from a line of trailed grape harvesters renowned for their reliability and harvest quality, **GREGOIRE GT3 and GX3** stand out as new high-performance, innovative solutions in this segment.

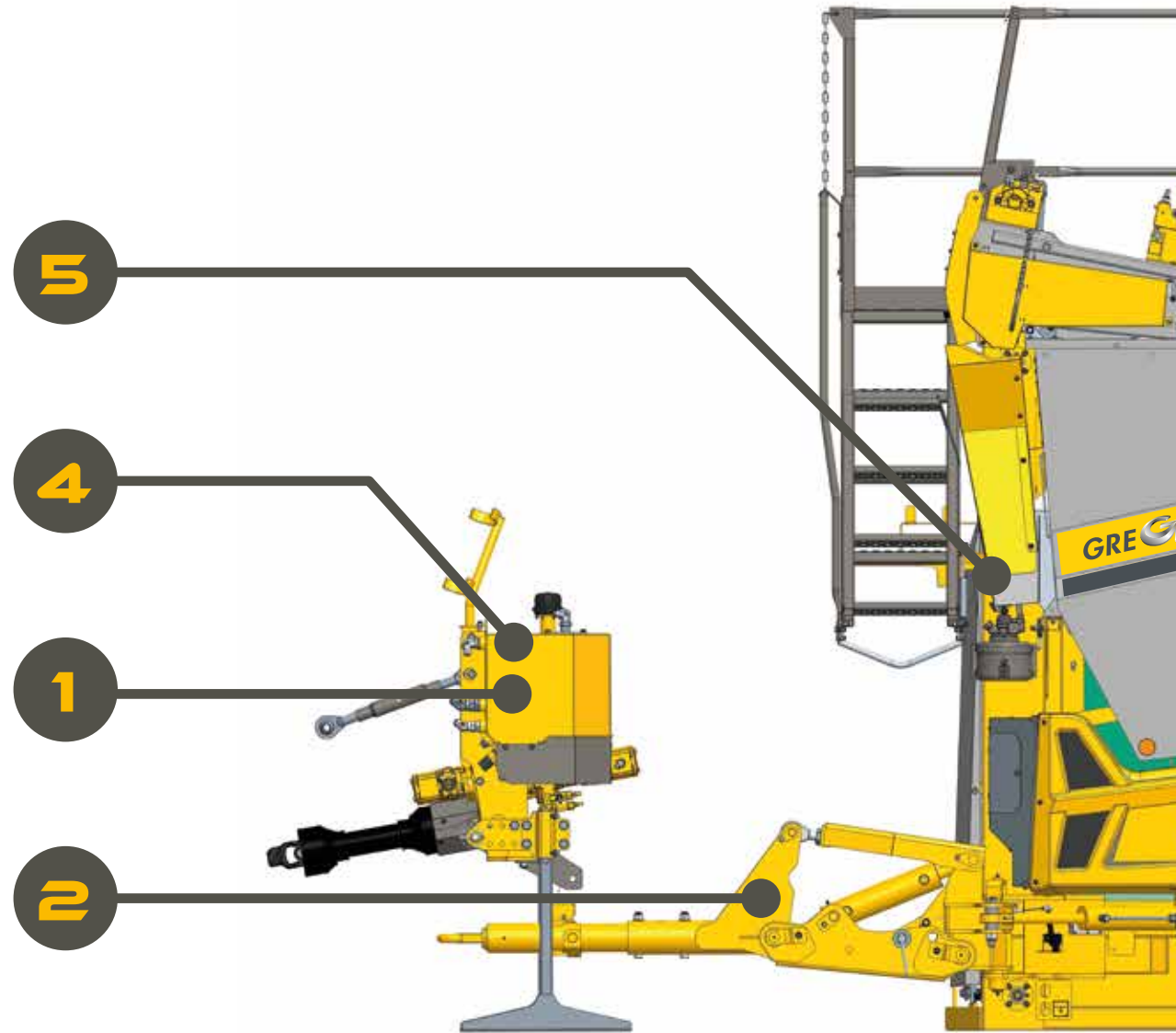
Built on **GREGOIRE DNA**, **GT3 and GX3** retain the brand's core values while optimising every design detail: *unmatched harvest quality, ease of use and controlled operating costs.*

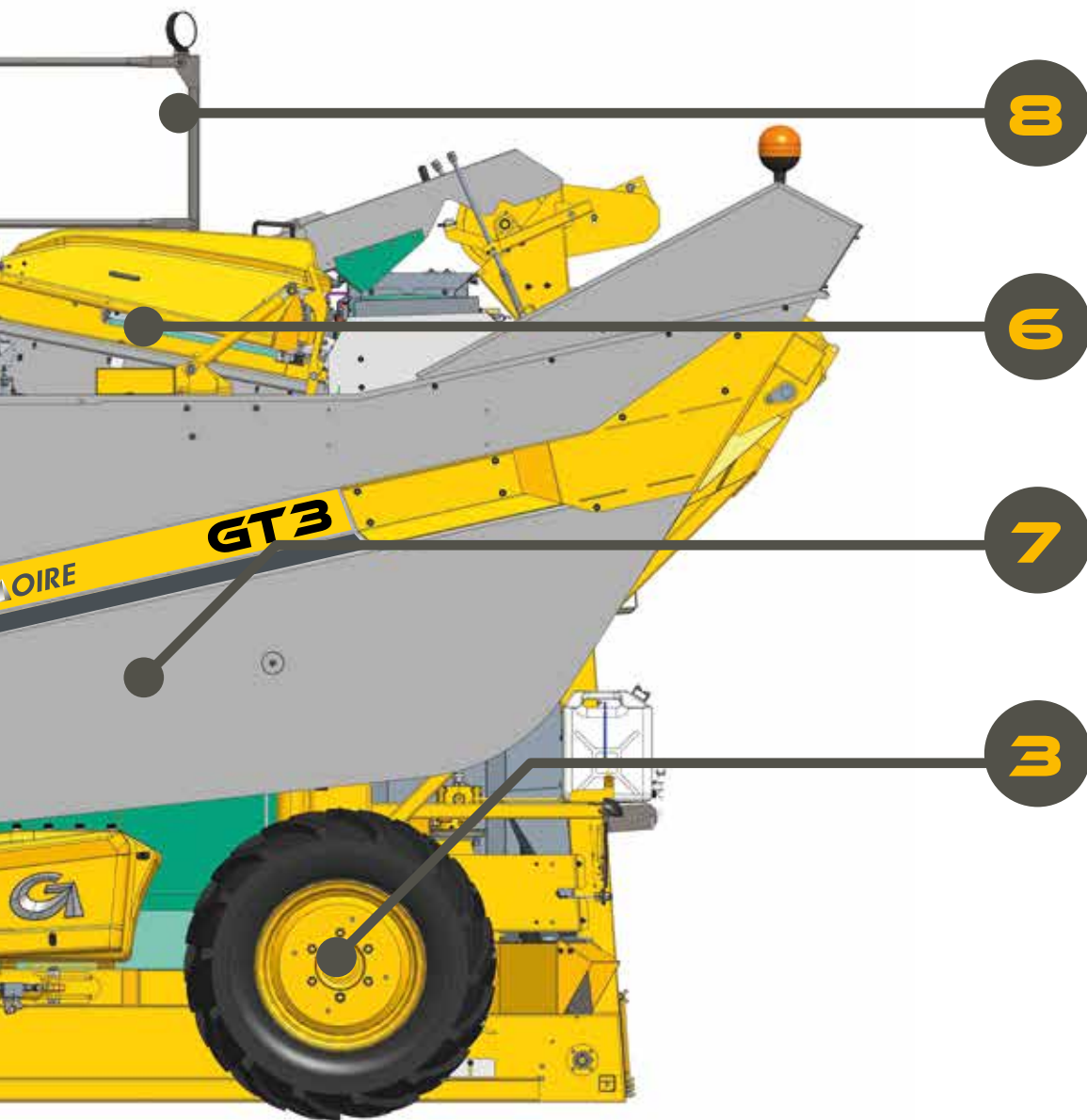
In terms of innovation, **GREGOIRE GT3 and GX3** mark a major step forward: as the first **ISOBUS** trailed grape harvesters on the market, they simplify operation and provide direct connection with any compatible tractor.

Designed respectively for vineyards from **1.50 m and 1.70 m** row width, **GREGOIRE GT3 and GX3** adapt to a wide variety of layouts and deliver optimum productivity in all field conditions.

Are you looking for a machine that is easy to use, respectful of the vineyard, delivers the best harvest quality and reduces operating costs?

GREGOIRE GT3 or GX3 is the GREGOIRE answer.





GT3 & GX3

- 1. Integrated hydraulic power unit:**
Fast hitching and unhitching thanks to the hydraulic power unit mounted on the 3-point linkage, with integrated parking stands.
Time saving and simpler set-up every time the machine is used.
- 2. New direct-hitch drawbar:**
A newly optimised drawbar providing enhanced stability and perfect compatibility with all tractor types.
A consistent, stable and safe combination in all conditions.
- 3. POCLAIN hydrostatic transmission:**
Automatically managed hydrostatic transmission fitted with a load-sensing pump and 820 cm³ wheel motors.
Outstanding traction and high climbing capacity, even in difficult conditions.
- 4. ISOBUS connection:**
Direct ISOBUS connection with the tractor for simplified use and instant communication between systems.
The intuitive interface makes settings and operation monitoring easier.
- 5. ARC² harvesting head:**
New harvesting head equipped with GREGOIRE ARC² shakers, ensuring optimum care of the trellis and unmatched harvest quality.
A proven design for consistent, accurate results.
- 6. EASYclean sorting system (GREGOIRE GT3):**
On-board EASYclean sorting system ensuring up to 99.8% cleanliness in the hoppers.
A clean, uniform harvest ready for vinification.
- 7. Large-capacity bins:**
Two stainless steel bins of 2 × 20 hl as standard, or 2 × 16 hl cutaway bins for narrower vineyards on the GREGOIRE GT3, and 2 × 25 hl on the GREGOIRE GX3.
Maximum autonomy for longer operating periods.
- 8. Redesigned access and maintenance:**
New oversized upper platform and simplified access for washing and maintenance.
A redesigned architecture for greater safety, speed and operating comfort.

Chassis

Optimised chassis

The foundation of **GREGOIRE GT3 and GX3**, the chassis has been specifically developed to meet all field constraints. Lightness and robustness guided its design to deliver a clean, strong and well-balanced structure.

Direct hitching

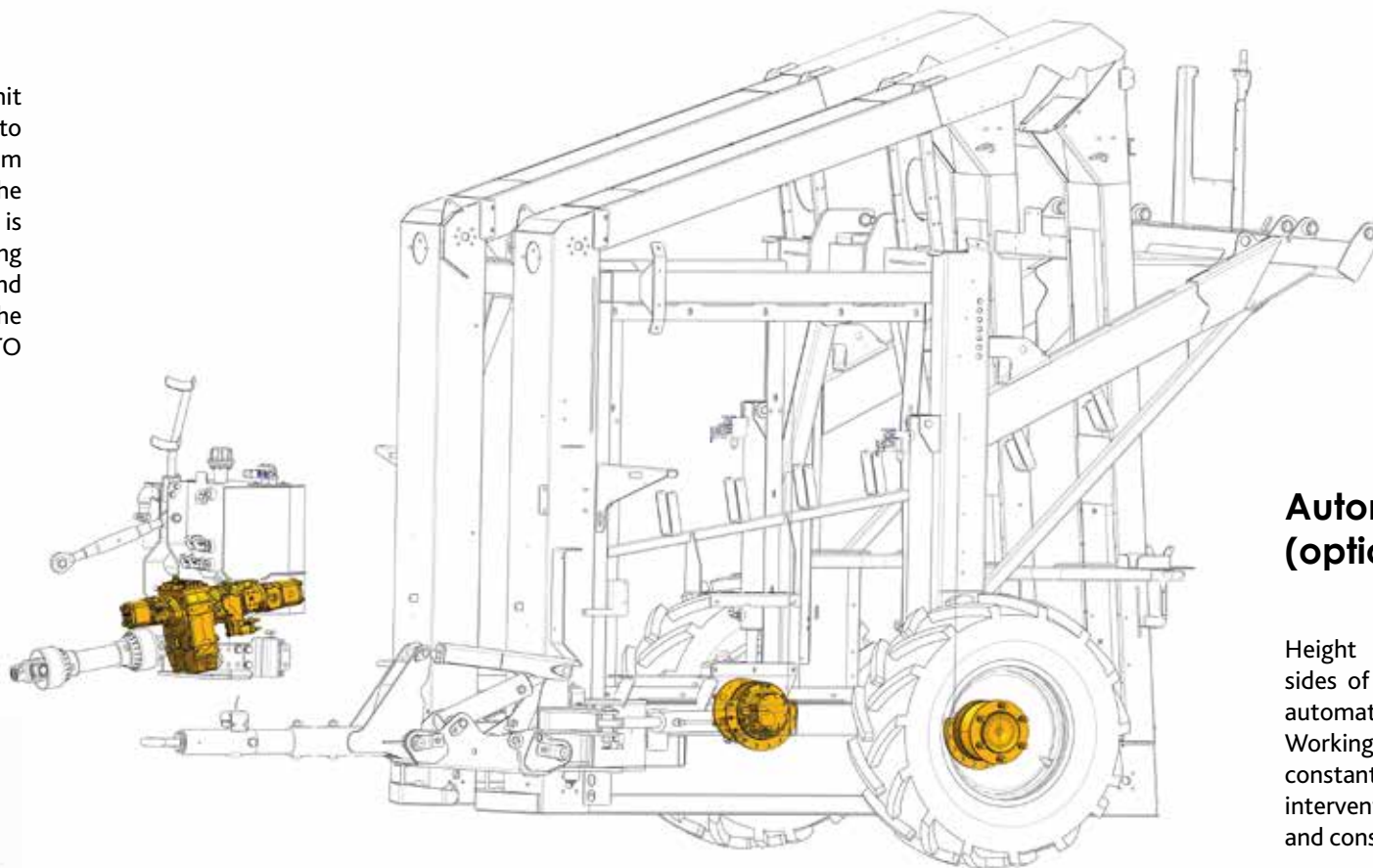
A new direct-hitch drawbar attached to the tractor clevis ensures stability and manoeuvrability in all conditions. Its compact design adapts to all tractor types. Orientation and height can be controlled from the cab for precise manoeuvres, even in the tightest headlands. An integrated sensor automatically manages the transmission for optimum driving comfort.



GT3
& **GX3**

Full independence

The integrated 70 L hydraulic power unit allows **GREGOIRE GT3 and GX3** to operate completely independently from the tractor's hydraulics. Mounted on the 3-point linkage with parking stands, it is easy to install and reduces rear overhang for perfect balance between tractor and machine. The pumps, positioned under the unit at a 10° angle, ensure optimum PTO shaft alignment.



Transmission built for field conditions

820 cm³ wheel motors give **GREGOIRE GT3 and GX3** strong climbing ability, including in the most demanding conditions. As an option, 1260 cm³ motors further increase traction in extreme terrain. The automatic load-sensing transmission continuously adjusts flow and pressure through an integrated load sensor and inclinometer. The standard OVERboost mode delivers an instant power increase for difficult sections. The system lets the operator focus on driving and harvest quality without constraint.

Outstanding manoeuvrability

Thanks to their light weight and compact design, **GREGOIRE GT3 and GX3** offer outstanding manoeuvrability. A 700 mm side-slope correction and the AUTOlevel® function ensure perfect stability, even on steep slopes. Electronic height management allows several positions to be programmed (working, headland, road), accessible at the touch of a button from the joystick. Lifting is synchronised for full control of machine movements.

Automatic lifting (option)

Height feelers fitted on the sides of the conveyor housings automatically manage lifting. Working height remains constant without manual intervention, for greater comfort and consistent performance.

Perfect row tracking

Automatic guidance ensures precise, consistent row tracking, protecting the trellis and the vines. Two front feelers detect the row and keep the machine perfectly centred. Cab control remains available at all times for full trajectory control.

Connected, intuitive, efficient

The first ISOBUS trailed harvester on the market

Always at the forefront of innovation, **GREGOIRE** offers **GT3** and **GX3** as the first **ISOBUS** trailed grape harvesters on the market. A design that combines simplicity, ergonomics and connectivity for a driving experience that is as smooth as it is intuitive.



Optimised connectivity: ISOBUS

A single ISOBUS socket connects **GREGOIRE GT3** and **GX3** to the tractor. As soon as the machine is connected, all settings and information are displayed directly on the tractor terminal. Functions can be assigned freely to the tractor joystick for immediate, natural operation. Cab space remains clear and fully preserved.

For tractors not equipped with **ISOBUS**, **GREGOIRE GT3** and **GX3** are supplied with an 8.4" i-Monitor touchscreen and a compact joystick, providing the same functions and the same ease of use.



Designed to offer the best

GREGOIRE GT3 and GX3 integrate the most complete solution on the market for managing a trailed grape harvester.

All key settings and information are grouped in a single control point for maximum efficiency. Clear pictograms and a smooth interface allow each function to be read and adjusted quickly.

Each tool speed (harvesting head, conveyors, fans, etc.) is adjusted in real time according to the setpoint, ensuring perfect consistency and therefore optimum harvest quality.

Customisable sequences automate row entry and exit. A colour camera, an inclinometer and a hopper level sensor are included as standard.

Finally, **GREGOIRE GT3 and GX3** record and store all fieldwork parameters, which can easily be exported via USB key for archiving or reuse.

Fingertip control

All functions — drawbar, side slope, lifting, starting or stopping the tools — can be set directly on the joystick. For non-ISOBUS configurations, **GREGOIRE GT3 and GX3** feature an adjustable ergonomic armrest in the cab with a multifunction joystick. An intuitive colour code and clear icons ensure quick, error-free familiarisation. Whatever the configuration, **GREGOIRE GT3 and GX3** deliver the same quality of work as a self-propelled machine.

Like working in daylight

Two high-performance LED lights provide powerful illumination for night work. An automatic beacon, activated when switching to road mode or when the hoppers are full, enhances working safety.



Harvesting with precision and care

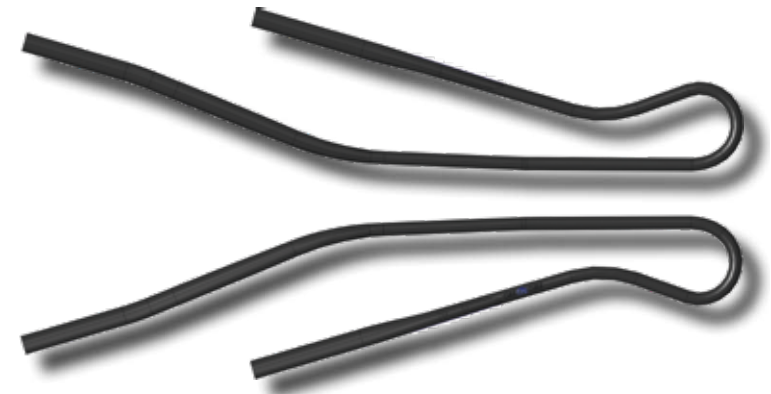
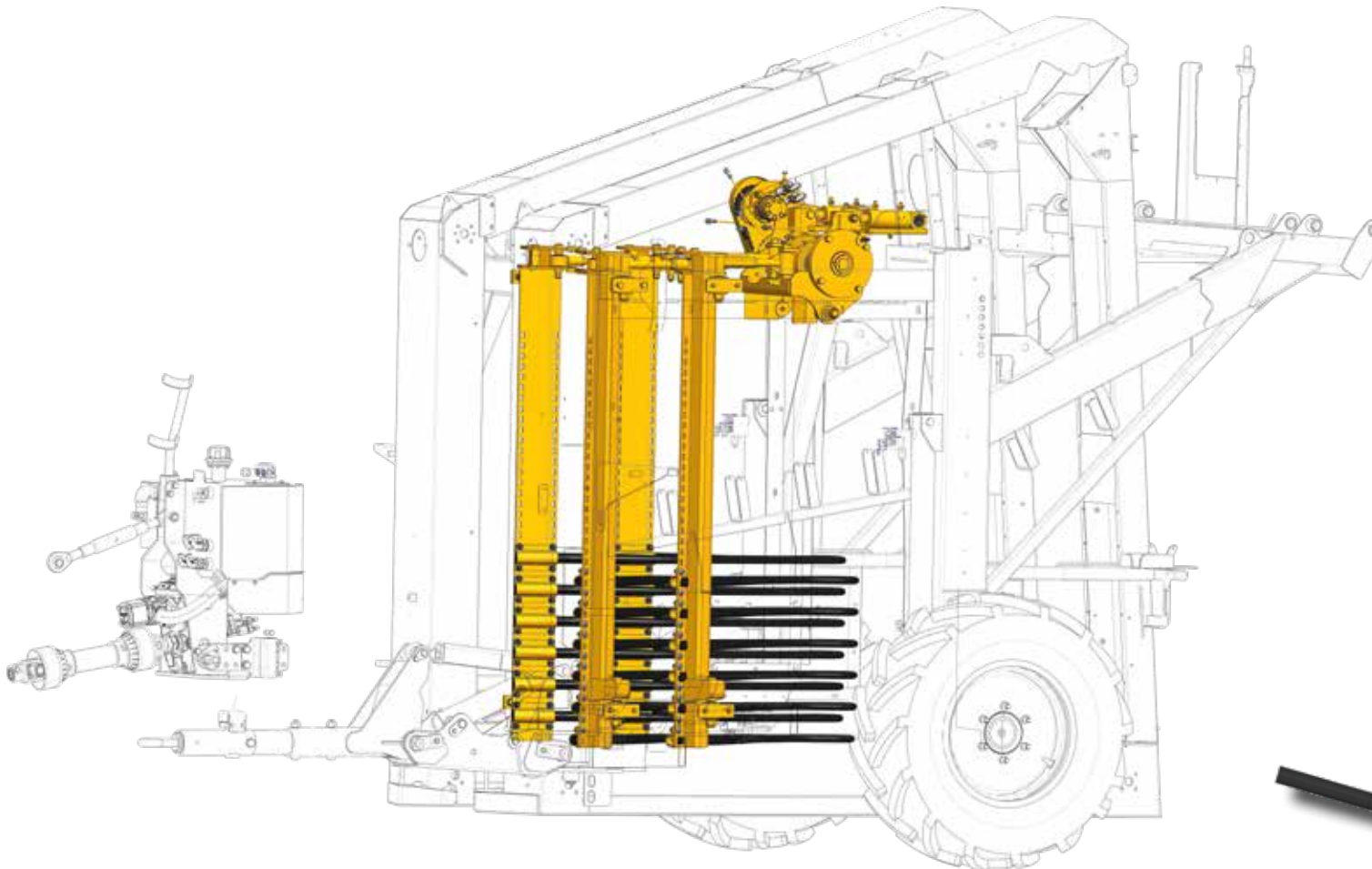
ARC² harvesting module

Respect for the trellis, harvest quality and innovation: these are the values embodied by **GREGOIRE ARC²** harvesting heads. Building on this heritage, **GREGOIRE GT3 and GX3** introduce a new generation with **GREGOIRE ARC²** harvesting module, designed to deliver maximum efficiency with a gentle action.

"The gentlest harvesting head on the market"

Wide tunnel

With a width of **650 mm** between conveyors, **GREGOIRE GT3 and GX3** adapt to all types of trellising (minimal pruning, vertically trellised vines, high arch training, etc.) while preserving vine integrity. This tunnel, the widest on the market, also provides easier access to working areas for settings, maintenance and washing.





FASTFIT

FASTFIT system enables quick shaker installation and simplified adjustment of the active length. Adapting the number of shakers to the fruiting height becomes fast and intuitive.

Hydraulic pinch adjustment

Hydraulic pinch adjustment is performed directly from the control screen in the cab. Precise adjustment preserves the trellis and optimises harvest quality with **GREGOIRE GT3 and GX3**.



Optimised ARC² shakers

The new **GREGOIRE ARC²** shakers are mounted on two supports driven simultaneously, ensuring uniform movement and optimum respect for the trellis. Mounting on silent blocks eliminates any risk of seizure or contamination, reducing maintenance costs. The exclusive **GREGOIRE ARC²** shaker shape provides four distinct working zones:

- **Compression:** compresses the trellis without damage up to the pinch setting.
- **Adjustable active zone:** holds the vegetation, adjustable according to ripeness.
- **Decompression:** releases the vegetation to detach trapped berries.
- **Resumed shaking:** ensures complete harvesting of berries as close as possible to the posts.



Optimised receiving system

The scales ensuring tightness are mounted on a pneumatic rail. By adjusting air pressure, the force applied to the vine stock adapts to conditions to limit wear and reduce maintenance costs.

- **GREGOIRE GT3** : 2 × 16 scales — **water tightness length : 2 200 mm.**
- **GREGOIRE Gx3** : 2 × 17 scales — **water tightness length : 2 400 mm.**

The module's exclusive design allows harvesting from as low as 15 cm above the ground, ideal for low bunches.

Conveying

Two wide 32 cm belts convey the crop through stainless steel conveyor housings. Their speed is adjustable from the driving position and independent from forward speed. The harvest is spread out to facilitate the work of the leaf fans. Automatic tensioning balancers maintain constant belt tension, adjustable with a single spanner from the central walkway. Versions equipped with 4 fans or with **EASYclean** sorting system receive 380 mm secondary conveyors, improving crop distribution and cleaning. On **GREGOIRE GX3**, **CLEANTECH** version is fitted with 200 mm buckets to optimise output and crop distribution. When the hoppers are emptied, an anti-loss flap prevents any crop leakage.

Cleanliness and precision at the heart of harvesting

Cleaning and sorting

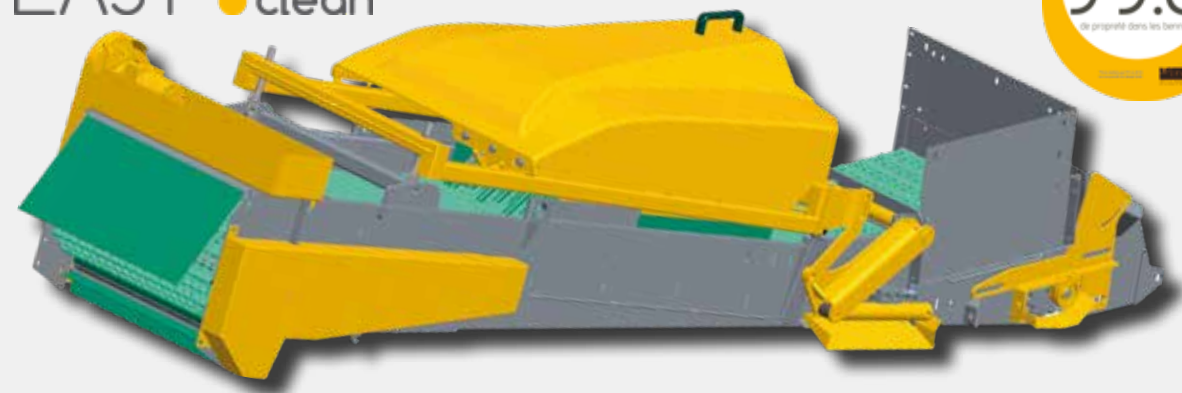
At **GREGOIRE**, the cleaning philosophy is based on a simple idea: clean the crop as early as possible. This approach removes leaves before they become damp, limiting juice loss and optimising final cleanliness. Foreign matter is therefore removed upstream of conveying, ensuring a cleaner and better preserved harvest.

Lower fans

GREGOIRE GT3 and **GX3** are equipped with two lower fans that extract leaves as soon as the crop is taken over by the belts. Vertical extractors then remove canes and shoots. To prevent large foreign matter from entering, dead wood deflectors can be added at the fan level.

→ **Result: immediate cleaning and a preserved harvest.**





EASYclean, on-board sorting excellence

In addition, **GREGOIRE GT3** can be equipped with two upper fans positioned above the hoppers. They complete the cleaning process by extracting the last impurities before the crop is stored.

MAXflow

To reinforce cleaning efficiency, **GREGOIRE GT3 and GX3** are equipped with **MAXflow** system. Two flaps located under each lower fan regulate air intake and optimise suction flow. Their quick adjustment in a few seconds allows airflow to be adapted to all harvesting conditions for consistent efficiency.



CLEANTECH

CLEANTECH on-board sorting system is available on **GREGOIRE GX3**. It is a simple sorting process consisting of the following elements:

- A food-grade plastic sorting chain with different mesh types available.
- A helical rotor with flexible fingers to optimise destemming and sorter output.

CLEANTECH allows you to choose whether or not to sort your crop. Hydraulic cylinders simply lift the complete sorter. The crop is then deposited directly into the hopper and the machine works in 2-fan mode.

Access to **CLEANTECH** is easy from the walkway to facilitate servicing and cleaning. All **CLEANTECH** greasing points are centralised to simplify maintenance.

EASYclean, on-board sorting excellence

EASYclean on-board sorting system is available on **GREGOIRE GT3**. This destemming and linear sorting process delivers outstanding harvest cleanliness.

Principle :

- Food-grade plastic chain covering the entire hopper.
- Destemming head composed of 5 rows of oscillating fingers.

Result: Tests conducted with IFV (Syrah plot – 2016) demonstrate **99.8% cleanliness efficiency in the hoppers.**

EASYclean, also means flexibility:

- Activate or deactivate sorting according to the vinification process.
- Hydraulic cylinders lift the sorting table to deposit the crop directly into the hoppers.
- In "deactivated" mode, the system operates with two fans, avoiding unnecessary wear and cleaning at the end of the day.

Simple, quick settings

EASYclean efficiency is based on two main adjustments, both made from the driving position:

- **Chain rotation speed:** according to output.
- **Finger oscillation frequency:** according to berry detachment conditions.
→ Fast settings, consistent cleanliness.



Simplified maintenance

Access to **EASYclean** is easy from the walkway. The sorting head lifts hydraulically, and large covers provide direct access to the upper area. All greasing points are centralised for quick, straightforward maintenance.

High-capacity storage and full control

Storage

To meet productivity and efficiency requirements, **GREGOIRE GT3 and GX3** incorporate a new generation of large-capacity stainless steel hoppers. The fill level is monitored in real time, ensuring smooth, precise crop management throughout the harvesting operation.

Large-capacity bins

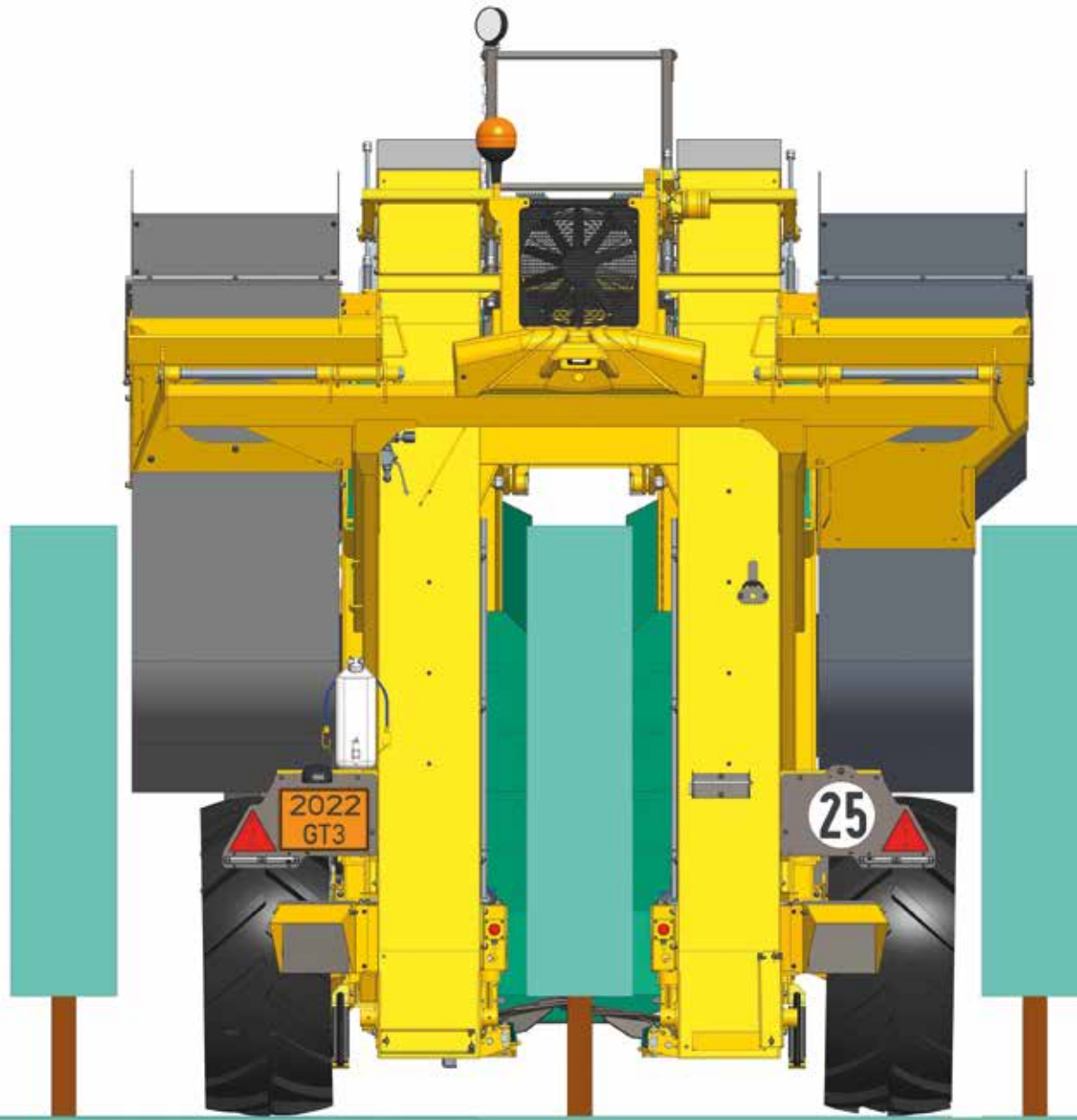
The stainless steel side bins of **GREGOIRE GT3 and GX3** offer the largest storage capacities on the market. Fewer stops, greater efficiency: productivity reaches a new level.

Versions available on **GREGOIRE GT3**:

- **Standard bins:** 2 × 2,000 L – width 2,950 mm
- **Cutaway bins (option):** 2 × 1,600 L – width 2,600 mm

Versions available on **GREGOIRE GX3** :

- **Standard bins :** 2 × 2,500 L – width 2,950 mm



← 20 HL - 1.70m* → ← 16 HL - 1.50m* →

*depending on trellising

Redesigned bin shape

The bin design has been completely reworked to optimise the unloading phase. The rounded rear section promotes smooth, complete crop flow. The lifting cylinders have been integrated into the chassis, between conveyors and hoppers, freeing maximum rear space for optimum storage volume.

Full control

An ultrasonic sensor is fitted as standard on **GREGOIRE GT3 and GX3**, continuously measuring bin fill level. The information is displayed in real time on the control screen, with a customisable alert at the defined threshold. An automatic beacon is triggered when the bins are full, immediately warning drivers.

On-board camera

A colour camera positioned at the rear of the bins provides a direct view of filling from the cab, enhancing safety and precision during unloading.

Automatic distribution

Each bin is fitted with a reversible hydraulic distribution auger. It spreads the crop to optimise storage capacity while preserving berry integrity. The augers can be stopped automatically according to fill level to avoid unnecessary crushing.



GREGOIRE GX3 olive kit (option)

To make **GREGOIRE GX3** even more versatile, an olive kit is available for harvesting young olive trees planted in super-high-density systems. It consists of:

- A guide chute to assist trees into the harvesting tunnel.
- Additional pairs of shakers to obtain maximum shaking surface.

High unloading – 3 m

A standard unloading height of 3 metres allows **GREGOIRE GT3 and GX3** to transfer the crop into the highest bins or directly into truck trailers. Maximum productivity, without logistical limits.



Washing and maintenance without constraints

Designed to make your life easier

An integral part of every harvesting day, washing and maintenance operations have been completely redesigned on **GREGOIRE GT3 and GX3**. The objective: simplicity, safety and speed. Well-controlled maintenance means more time spent harvesting.

Oversized upper platform

GREGOIRE GT3 et GX3 integrate an oversized upper walkway providing full access to the entire machine. A retractable ladder allows easy access in all conditions.

This secure platform guarantees freedom of movement and stability, even during washing. An adjustable LED work light fixed to the guardrail effectively illuminates the work area for safe cleaning, even at night. For transport or road travel, the guardrail folds quickly and safely.



Large, accessible covers

No fewer than ten large-format covers facilitate access to all GREGOIRE GT3 and GX3 components: hydraulics, electrical system, shakers, conveyors, etc. The hinges allow full opening for complete washing and straightforward maintenance.

Every operation becomes simple, visible and fast.

Integrated washing column

For even smoother cleaning, **GREGOIRE GT3 and GX3** are equipped with an integrated washing column. A lower connector allows the water supply to be connected, while an upper valve feeds the harvesting module directly. The result: time savings, water savings and ease of use.



Peripheral storage areas

GREGOIRE GT3 et GX3 incorporate several practical storage spaces:

- Rear holder for shakers,
- Closed box for tools and washing overalls,
- Rear hand-wash container for maintenance work.

Everything is within easy reach, well protected and perfectly organised.

Centralised greasing

After washing, regular greasing ensures the long life of your machine. On **GREGOIRE GT3 and GX3**, all greasing points are centralised and accessible for simple, quick manual servicing. As an option, automatic greasing makes maintenance even easier and prevents omissions.



Remote control console

Washing operations can be controlled from outside the machine thanks to a magnetic remote control console. It can be positioned on the lower part of the machine or on the walkway and allows essential functions (unloading, conveyors, hoppers, etc.) to be managed without climbing back into the cab.

Practical, mobile and intuitive: it follows you everywhere.



Technical specifications

Model	GT3	GX3
For vineyards		
Minimum row spacing	1.50 m	1.70 m
Ground clearance	1.95 m	2.40 m
Linkage		
Draw bar with direct connection to the tractor	●	●
Automatic row guidance via feelers	●	●
3 point linkage hydraulic power pack	●	●
Transmission		
Wheel drive	●	●
Automatic management via sensor in drawbar	●	●
OVERboost transmission booster	●	●
Wheel motor capacity	820 cm ³ (option 1260 cm ³)	820 cm ³ (option 1260 cm ³)
Slope correction	700 mm/28%	700 mm/28%
Hydraulic		
No hydraulic from tractor needed	●	●
Oil tank capacity	70 L	70 L
Filtration	On return and aspiration	On return and aspiration
Control		
Multifonction joystick with backlighting and arm rest	●	●
Touch and color screen i-Monitor 8,4" (For no ISOBUS Tractor)	●	●
ISOBUS connection (Necessary for ISOBUS tractor)(Screen and joystick not supplied)	○	○
Nominatives records (hours, hectares, ...) with USB extraction	●	●
Nominatives settings with USB extraction	●	●
Visibility		
Lights number (LED)	2	2
Flashing light automatic activation in road mode	●	●
Flashing light automatic activation when bins are full	●	●
Infra red color camera 1 (2 as option)	1 (2 in option)	1 (2 in option)

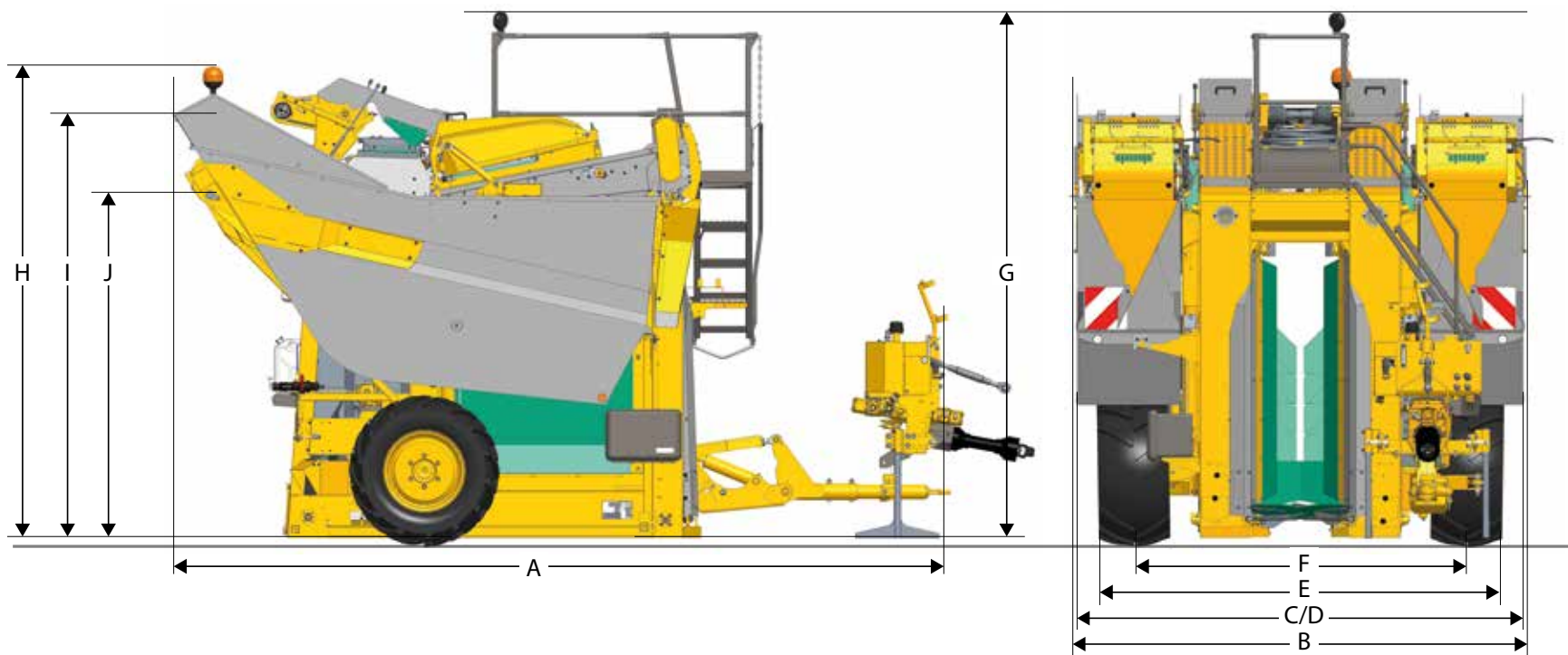
Model	GT3	GX3
Harvesting head		
Full harvester control and setting from driver cab	●	●
ARC ² shakers with FASTfit fast fixing	2x7	2x10
Catcher tray number	2x16	2x17
Pneumatic catcher tray with adjustable angle	●	●
Catcher tray length	2200 mm	2400 mm
Minimum harvesting height	- than 15 cm	- than 15 cm
Tunnel width	650 mm	650 mm
Belts width	320 mm	320 mm
Belts hydraulically driven with adjustable speed and reverse	●	●
Picking function with low speed alarms	●	●
Cleaning of the harvest		
2 bottom fans	●	●
MAXflow adjustable air intake	●	●
Vertical extractors	●	●
Dead wood deflector	○	○
2 top fans	○	ND
EASYclean : sorting system with oscillating fingers - 99,8% cleaning	○	ND
Kick off belt high capacity for Top fan and EASYclean version	380 mm	ND
CLEANTECH : helical rotor sorting system	ND	○
Large-capacity bucket on CLEANTECH version	ND	200 mm
Sorting system with hydraulic lifting	EASYclean version	CLEANTECH version
Bin		
Standard stainless steel bins capacity	4000 L (2x2000 L)	5000 L (2x2500 L)
Narrow stainless steel bins capacity	3200 L (2x1600 L)	ND
Bin level sensor	●	●
Emptying height	3 m	3 m
Automatic bins filling	Par vis sans fin	Par vis sans fin
Access, cleaning and maintenance		
Oversized top platform	●	●
Centralized greasing (Automatic greasing available as an option)	●	●
Shakers storage and tools box	●	●
Separated control box	●	●
Integrated washing line with water supplying on top platform	●	●

● : Standard ○ : Option N : Not available

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

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Technical specifications



Model		GT3	GX3
Available tires		420/65 R20 (Std) 500/50 R20 (Large)	500/50 R20
A - Total length	mm	5091	5265
B - Overall width	mm	3000	3000
C - Width bin to standard bin	mm	2950	2950
D - Width bin to notched bin 3200 L (2 x 1600 L) (till 1,95m from the ground)	mm	2600	NA
E - Wheel width standard / Large	mm	2490 / 2686	2686
F - Wheel track standard / Large	mm	2042 / 2194	2194
G - Total height (Machine on the ground / Safety guard open)	mm	3324	3763
H - Total height (Machine on the ground / Safety guard folded)	mm	3100	3355
I - Bin height (Machine on the ground)	mm	2785	2845
J - Bin discharge axle height (Machine on the ground)	mm	2255	2315

● : Standard ○ : Option NA : Not available

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GREGOIRE know-how to serve your vineyard

With over 50 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.

www.gregoire.fr



GREGOIRE GL6



GREGOIRE ECOPROTECT



GREGOIRE GX9 MIXTA



GREGOIRE

A  **SDF** brand