



GRAPES'LINE

THE NEW GENERATION OF TOWED GRAPE HARVESTERS



PELELENC



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THE NEW GENERATION OF TOWED GRAPE HARVESTERS



COST-EFFECTIVE

- Harvesting capacity identical to that of a self-propelled harvesting machine
- 50% less expensive than a self-propelled harvesting machine
- Fuel savings through ECO POWER management: optimisation of the PTO speed according to the hydraulic requirements of the machine.
- Total bin capacity of up to 3600 litres



HIGH-QUALITY

- Flexible Sorter Conveyor: up to 5% more harvest in your bins!
- New tray shape: optimal sealing
- New generation picking arm
- SELECTIV PROCESS: 99.82 % cleanliness



USER-FRIENDLY

- 7-inch touch screen
- Secure washing platform
- Remote washing controls
- Centralised greasing



EASY TO HANDLE

- Auto-guidance system in the rows
- Semi-automatic slope levelling
- Optimised headland turning with the wide-angle drawbar
- AUTO TORQUE traction: a machine with driver assistance technology for slopes and headlands



STEERING INTERFACE

'EASY TOUCH' INTERFACE : **MODELS 60 AND 80**

- 7-inch touchscreen.
- Harvesting settings managed from the cab using the the EASY TOUCH screen.
- Intuitive pictograms and menus.
- Working comfort.

Driver assistance:

- Automatic working and headland height stops.
- Ground detection using sensors.
- Real-time display of slope, gradient percentage, and machine height.
- Bin-level indicator.
- Acreage counter.

INTERFACE WITH REMOTE CONTROLS FOR THE MACHINE:

MODELS 40, 45, AND 70

- Simplified management and use of harvesting settings from the machine.

'EASY DRIVE' STEERING:

ALL MODELS

- All of the functions for your GRAPES'LINE on the Pellenc JOYSTICK.

EASY HANDLING



IN THE ROW

- With the 'ACTIV' auto-guidance system, the harvesting head automatically centres itself in the row. The joystick keys can always override. An alarm alerts the driver in case there is a foreign-body blockage; the vineyard is always protected.
- Slope correction of up to 70 cm allows for work on all sorts of terrain.



IN HEADLANDS

- A trailer coupling facilitates attachment and improves safety.
- The wide-angle drawbar facilitates headland manoeuvres.
- 'AUTO TORQUE' traction regulates wheel power even in headlands without using the joystick.

ON THE ROAD

- The wide-angle drawbar keeps the harvesting head in the axis of the tractor while driving on the road.
- A bin width of just 2.50 metres facilitates manoeuvring and travelling on the road.

NEW GENERATION OF PICKING ARMS



- Injected picking arms.
- Greater wear resistance.
- No distortion.
- Quick-fit using built-in mounting sleeves.
- Gentler on the plant.



NEW TRAY SHAPE

- The new material and its new profile improve sealing, the transfer of berries onto the conveyors, and wear resistance.
- The hinge is built into the tray for easier assembly.
- The sealing length of 2.62 metres guarantees optimum working speed.

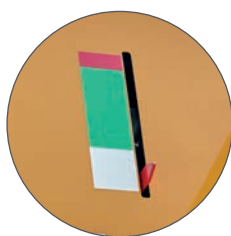
REVOLUTIONARY HARVESTING BELT

FLEXIBLE SORTER CONVEYOR

- The innovative design of the flexible sorter conveyor allows sorting from the moment the grapes fall.
- Only 30% of the harvest passes under the fans: up to 5% more harvest.
- Semi-automatic conveyor tensioning reduces maintenance and ensures the machine is always working at the correct tension.
- The system can be fully dismantled to minimise maintenance costs.
- Quick cleaning.
- No need to dismantle the conveyors at the end of the season.

THE CONVEYOR'S 'L'-SHAPED DESIGN

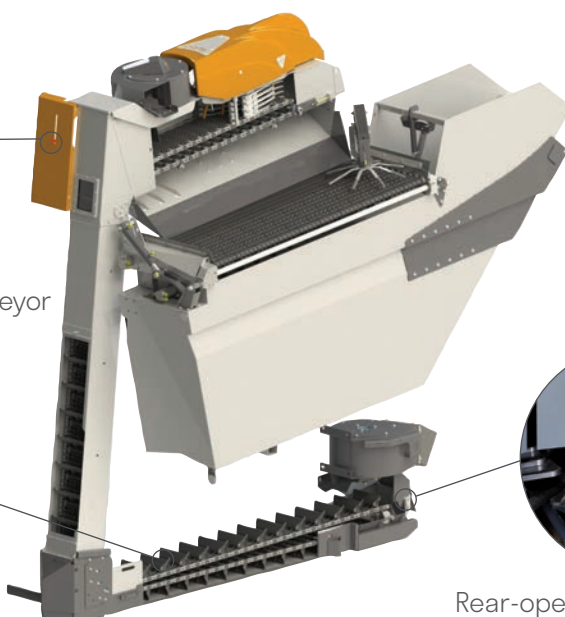
- Open-back conveyor for removing foreign bodies and avoiding blockages.
- Suitable for working at ground level thanks to its steel protective casing.
- The conveyor is made of stainless steel for simplified maintenance and washing.



Tension indicator
for the flexible sorter conveyor

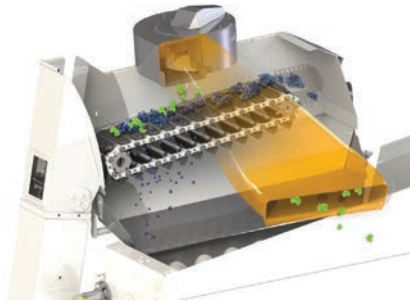


Flexible sorter
conveyor



Rear-opening 'L'-shaped
conveyor

UNMATCHED CROP QUALITY



SORTER

- Sorting system that separates juice from leaves.
- The juice and the destemmed berries pass through the slatted conveyor.
- The fan only removes the remaining plant debris on the conveyor.
- No loss of juice.



'SELECTIV'PROCESS': DESTEMMER + SORTING TABLE

Destemmer

- Destem and sort your harvest in the field for direct transfer to the tank.
- Tried and tested by over 2000 users.

High-frequency linear destemmer

- Destemming without loss, even with difficult grape varieties, all while preserving the berries. Foreign bodies are removed by the feeder fingers.



Sorting table with adjustable screens and rollers

- The solid notched roller feeders route leaf stems to the screen rollers.
- The screen rollers allow the sorted berries to pass through and remove the leaf stems and other waste from the sorting table.
- The adjustable screen allows for quick adaptation to all grape varieties and all working conditions.
- 100% of leaves are removed, as well as 95% of leaf stems.



BIN CAPACITY

- Total capacity up to 3600 litres.
- Emptying height: 3 metres.
- Simultaneous emptying of two bins.
- Bin level displayed on the 'Easy Touch' screen.

INTELLIGENT HYDRAULIC MANAGEMENT

HYDRAULIC UNIT

- The machine's hydraulic unit is autonomous.
- The unit's coupling is independent of the machine, which facilitates manoeuvring to the right or left in headlands, regardless of the height of the machine.
- Quick fitting on the tractor.



'ECO POWER' MANAGEMENT

- Optimisation of the PTO speed according to the hydraulic requirements of the machine to ensure the lowest possible engine speed and save fuel.

AUTO TORQUE TRACTION SYSTEM

- The machine automatically adapts its speed to that of the tractor according to the traction force on the coupling ring.
- The machine is autonomous in all working situations: forward or reverse movement, as well as in headlands.
- The driver can concentrate on driving.
- The 'AUTO TORQUE' automatically delivers the necessary power at the right time without the driver intervening.
- The 'AUTO TORQUE' traction makes it possible to get over slopes of up to 30%.

EASY TO MAINTAIN

- Daily greasing is grouped into 9 points.
- Cleaning, ranging from 20 to 45 minutes depending on the model, is easily carried out from a secure platform.
- Water column for easy washing.
- Remote control opens the fans, the sorting tables and the destemmers.



SAFETY

- On models with EASY TOUCH, a night-vision colour camera is installed at the back. This camera is automatically activated when reversing or emptying the bin.
- An emergency stop is always within reach: on the joystick, at the back of the machine, and on the washing platform.
- Different alarms are fitted as standard for complete safety.



GRAPES' LINES	40	45	60	70	80
DIMENSIONS					
Minimum plantation width	1,50 m	1,50 m	1,50 m / ○ 1,40 m*	1,50 m	1,50 m
Tractor power required	55 cv	55 cv	70 cv	80 cv	80 cv
Overall height (m)	3,13 m	3,13 m	3,38 m	3,42 m	3,42 m
Bin width (m)	2,50 m	2,50 m	2,50 m / ○ 2,20 m*	2,50 m	2,50 m
Maximum slope	27%	27%	27%	27%	27%
Maximum gradient without sorting system	15%	30%	30%	—	—
Maximum gradient with sorting system		—	—	25%	25%
Tyres	385/65R22.5	400/70-20	400/70-20	400/70-20	400/70-20
Optional*			340/80R20 440/65R20	440/65R20	440/65R20
STEERING INTERFACE					
EASY DRIVE joystick	●	●	●	●	●
Easy Touch Screen 7	—	—	●	—	●
Remote controls	●	●	—	●	—
HYDRAULIC MANAGEMENT					
AUTO TORQUE traction	—	●	●	●	—
Wheel motor with hydraulic brake	—	●	●	●	●
Dual line hydraulic braking	—	—	●	●	●
Hydraulic level correction	—	○	●	●	●
ECO POWER mode	—	—	●	●	●
DRIVER ASSISTANCE					
Slope display	—	—	●	—	●
% gradient display	—	—	●	—	●
Working height display	—	—	●	—	●
Lower and upper stops	—	—	●	—	●
Ground sensor	—	—	●	—	●
Acreage counter	—	—	●	—	●
SAFETY					
Number of emergency stops	3	3	4	4	4
Reversing alarm	—	—	●	—	●
Bin descent alarm	—	—	●	—	●
Rear camera visible on Easy Touch	—	—	●	—	●
Work lamps	—	—	●	—	●
Slope levelling	—	—	●	—	●
HARVESTING HEAD					
Self-guidance with blockage alarm	●	●	●	●	●
Post cushioning	○	○	○	○	○
Length of floor sealing	2,50 m	2,50 m	2,62 m	2,62 m	2,62 m
Transport of the harvest by flexible sorter conveyor	●	●	●	●	●
Safety mechanism in case of conveyor blockage	●	●	●	●	●
Semi-automatic flexible sorter conveyor tension	●	●	●	●	●
2 height-adjustable lower suction fans	mechanical	mechanical	without tools	without tools	without tools
Leaf sorter	—	—	●	—	—
Sorting System: Destemming and Sorting Table	—	—	—	SelectivProcess	SelectivProcess
Bins	2x1,500L	2x1,500L	2x1,800L	2x1,600L	2x1,600L
Optional bins	—	—	2x1,250L	—	—
Bin auger	●	●	●	●	●
Bin level indicator	—	—	●	—	●
Height of the shaft for emptying the bins	3 m	3 m	3 m	3 m	3 m
MAINTENANCE					
Grouped grease nipples	●	●	●	●	●
Remote washing controls	—	—	●	●	●
Secure access platform	—	—	●	●	●

● standard

○ optional

Sorter

Flexible Sorter Conveyor
with semi-automatic
tension

Hydraulic power
unit

New
'Eco Power'
hydraulic
management

'ACTIV' auto guidance
system in the rows

Automatic closing valves for
chutes

Washing platform + remote control
= direct access to the washing points

Reverse view camera

Bin capacity:
Up to 2 x 1800 L

Grouped
greasing

Height-adjustable
lower fans

AUTO TORQUE traction

Wide angle
drawbar

Slope correction: 70 cm



Distributor's stamp

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