GRAPES’LINE
THE NEW GENERATION OF TOWED GRAPE HARVESTERS
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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

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

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

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 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.
NEW GENERATION OF PICKING ARMS

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.
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.

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
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THE CONVEYOR’S ‘L’-SHAPE 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.
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.
### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>40</th>
<th>45</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum plantation width</td>
<td>1.50 m</td>
<td>1.50 m</td>
<td>2.00 m</td>
<td>1.50 m</td>
<td>1.50 m</td>
</tr>
<tr>
<td>Tractor power required</td>
<td>55 cv</td>
<td>55 cv</td>
<td>70 cv</td>
<td>80 cv</td>
<td>80 cv</td>
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<tr>
<td>Overall height (m)</td>
<td>3.13 m</td>
<td>3.13 m</td>
<td>3.38 m</td>
<td>3.42 m</td>
<td>3.42 m</td>
</tr>
<tr>
<td>Bin width (m)</td>
<td>2.50 m</td>
<td>2.50 m</td>
<td>2.50 m</td>
<td>2.50 m</td>
<td>2.50 m</td>
</tr>
<tr>
<td>Maximum slope</td>
<td>27%</td>
<td>27%</td>
<td>27%</td>
<td>27%</td>
<td>27%</td>
</tr>
<tr>
<td>Minimum gradient without sorting system</td>
<td>15%</td>
<td>30%</td>
<td>30%</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Maximum gradient with sorting system</td>
<td>—</td>
<td>—</td>
<td>25%</td>
<td>25%</td>
<td>—</td>
</tr>
<tr>
<td>Tyres</td>
<td>385/65R22.5</td>
<td>400/70R20</td>
<td>400/70R20</td>
<td>400/70R20</td>
<td>400/70R20</td>
</tr>
</tbody>
</table>

### Steering Interface

- EASY DRIVE joystick
- Easy Touch Screen
- 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
- Level sensor
- Acreage counter
- Reversing alarm
- Bin descent alarm
- Rear camera visible on Easy Touch
- Work lamps

### Safety

- Number of emergency stops
- Reversing alarm
- Bin descent alarm
- Rear camera visible on Easy Touch
- Work lamps

### Harvesting Head

- Self-guidance with blockage alarm
- Post cushioning
- Length of floor sealing
- 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
- Leaf sorters
- Sorting system: Destemming and Sorting Table
- Bins
- Optional bins
- Bin auger
- Bin level indicator
- Height of the shaft for emptying the bins

### Maintenance

- Grouped grease nipples
- Remote washing controls
- Secure access platform

*standard

| optional
Flexible Sorter Conveyor with semi-automatic tension

Hydraulic power unit

New ‘Eco Power’ hydraulic management

‘ACTIV’ auto guidance system in the rows

Sorter

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

Wide angle drawbar

AUTO TORQUE traction

Slope correction: 70 cm