



G-004 / G-004 Pro Tree Shaker with Tarpaulin: Fast & Clean Fruit Harvest

Tree Shaker machine G-004 /G-004 Pro is intended for harvesting apples, sour-cherries, plums, hazelnuts, almonds, olives, and more others

- High-quality fruits & high reliability with performance up to 99% in optimal conditions collecting fruits from 50-60 trees/hour
- The innovative shaking head operates at 20 L/min, minimizing tree stress while delivering adjustable force for harvesting fruits like cherries, plums, almonds, and pistachios, suitable for trunks up to 30 cm in diameter
- G-004 is a trunk shaking machine that is adapted to suit the precise needs of fruit growers that can be used in orchards with different distances between trees in a row – width of the screen: 3 m to 6 m



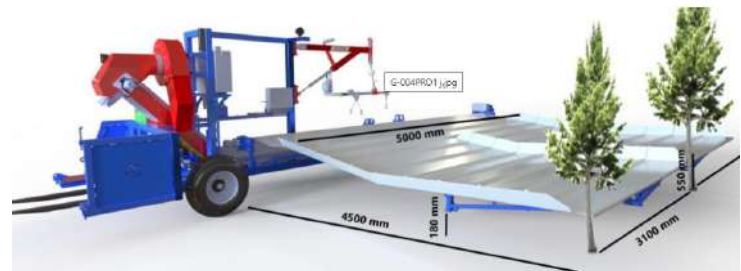
Lowering Production Costs With

The **G-004 Pro Automatic** is the latest model, featuring an automated tarpaulin folding and unfolding system, reducing the need for two additional personnel and lowering production costs.

Highest workmanship standard – Fully equipped:

- The G-004/G-004 Pro Tree Shaker, designed for tractors with 40 HP, features an internal hydraulic system for optimal performance.
- Its hydraulic steering axle offers excellent maneuverability with a 32-degree turning angle.
- An effective system for cleaning fruits up to 1200 turns/min.
- Optional hydraulic leveling wheels ensure efficient operation on slopes up to 12°, ideal for hilly plantations.

G-004 Pro: Automated Tarpaulin System



To achieve the best work effects G-004:

- Row spacing: min. 2.7 m
- Tree spacing in row: min. 2 m
- Ground clearance: Not Required
- Trunk diameter: 50–300 mm
- Trunk height: min. 500 mm
- End-of-row distance: 7–9 m

To achieve the best work effects G-004 Pro:

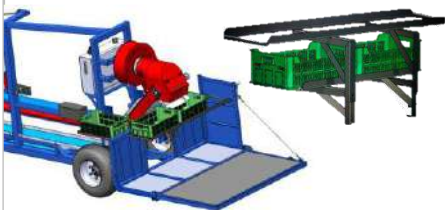
- Row spacing: 3 m
- Tree spacing in row: 3.1 m
- Ground clearance: 180 mm
- Trunk diameter: 50–300 mm
- Trunk height: min 600 mm
- End-of-row distance: 7–9 m

Technical Specification

Model	G-004	G-004 Pro Automatic
Mounted Type	▪ 2-point Hitch Category 2	▪ 2-point Hitch Category 2
Working System	▪ Internal hydraulic system	▪ Internal hydraulic system
Power Capacity Required	▪ 300 rpm from PTO shaft	▪ 300 rpm from PTO shaft
Tractor Capacity	▪ Min 40 HP	▪ Min 40 HP
Working Length	▪ 9700 mm	▪ 9700 mm
Transport Length	▪ 8300 mm	▪ 8300 mm
Working Width	▪ 5800 mm + screen	▪ 5800 mm + screen
Transport Width	▪ 1912 mm	▪ 1980 mm
Working-Transport Height	▪ 2230 mm	▪ 2230 mm
Dry Weight	▪ 1700 kg	▪ 2000 kg
Scope of Paws Grip	▪ 50 – 300 mm	▪ 50 – 300 mm
Harvest Accuracy	▪ Up to 99%	▪ Up to 99%
Output	▪ 45–60 trees/hour	▪ 45–60 trees/hour
Number of Operators	▪ Tractor Driver + 3	▪ Tractor Driver + 1

Optional for Collecting Harvested Fruits

Standard Version



Foldable Platform for Large and Small Bins

Standard Working Platform –
Compatible with 500 kg pallet boxes +
Two-Level Tray for Small Boxes

SG-002



Hydraulic Pallet Lifter

Supports 500 kg pallet boxes with
a foldable rear platform.

WZ-001



Roller Platform

For 500 kg pallet boxes (1200×1000 mm)
enabling easy fruit unloading.

HM2 + WZ-006 + SG-007



Bin Trailer for 2 Pallet Boxes

Mounted on the rear of the harvester;
requires a conveyor belt (WZ-006) and a
trailer hook ball (SG-007)

HM3 + WZ-006 + SG-007



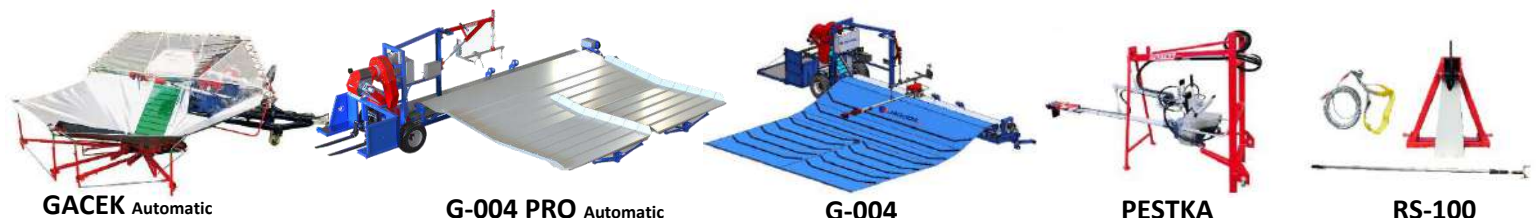
Bin Trailer for 3 Pallet Boxes

Mounted on the rear of the harvester;
requires a conveyor belt (WZ-006) and a
trailer hook ball (SG-007)

Hydraulic Almond Peeler



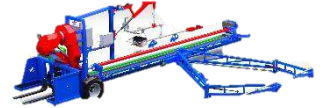
Mounted on the rear of the harvester,
Hydraulic Almond Peeler Machine



- Shaker Head P30 with suitable for trunks up to 30 cm in diameter
- The advanced timing belt for the shaker head ensures smooth shaking that protects the tree's roots and prevents the shaker paw from damaging or stripping the bark, unlike traditional systems



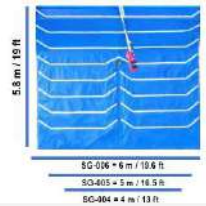
- Automatic Tarpaulin System: Retrofittable for G-004 models from 2026 with external hydraulic connection (requires min. 40 l/min oil flow from tractor).



- Agricultural 4.0: IoT-integrated with GPS & activity tracking software



- Width of the screen: 4 m, 5m, or 6 m



- The machine can be equipped with an optional hydraulic leveling wheel for plantations on slopes
- An additional oil cooler for hot climates
- Lighting for night operations.



Shipment Dimensions:

Length	
8300 mm	
Width	
1912 mm	
Height	
2230 mm	

