



PESTKA: Fruit Tree Shaker - Simple, Reliable, Efficient

The PESTKA is a **hydraulic trunk shaker** designed for harvesting stone fruits and nuts, such as cherries, plums, almonds, hazelnuts, industrial apples, olives, and many other fruits.

- The PESTKA shaker sets a new standard with two core innovations:
 - it operates on just **18–20 L/min** nearly three times more efficient than other shaking machines requiring 50–60 L/min, allowing compatibility with almost any small tractor without expensive hydraulic kits.
 - This energy-efficient system, paired with a shaker head that enables precise weight adjustment, ensures high-quality harvesting while fully protecting the tree from **over-shaking and bark damage**.

Smart Power: Cost-Effective & Tree Protection

- Two versions: PESTKA 20 and PESTKA 30 (handles trunks up to 30 cm / ≈12 in).
- High efficiency: Harvests 50–60 trees per hour with up to 98% fruit collection.
- Ideal for small farms: Suitable from 1 ha (≈2.5 acres) and above.
- Easy operation: Requires only two people, including the tractor driver.
- Can reach & clamp primary branches when the trunk diameter is over 30 cm / ≈12 in

Adjustable & Precision Shaker Design

- a) **Adjustable reach:** The telescopic arm extends 80 cm (≈31 in), allowing the boom length to adjust from 1200 to 2000 mm for easy work in orchards with varying row spacing.
- b) **Smart Catch head:** A rotating clamping head securely grips angled or crooked trunks and branches for a stable, slip-free hold.
- c) **Flexible frame rotation:** The hydraulic rotating main frame increases maneuverability, allowing the shaker to position itself smoothly along the row and operate at up to 90° when needed.



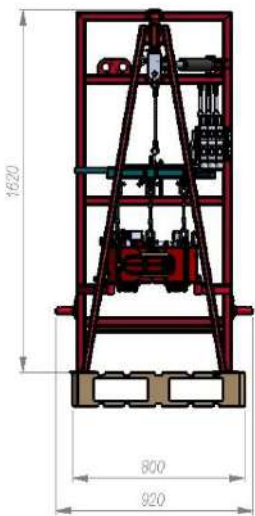
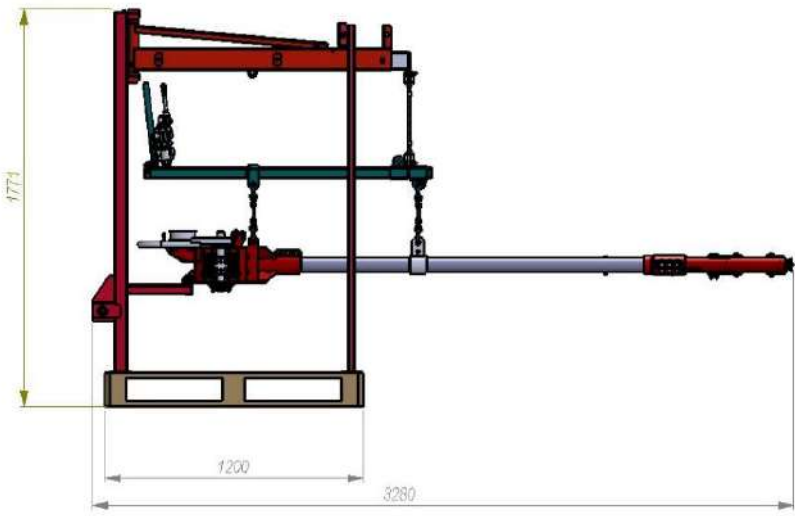
Connection, Control, and Storage Features

- **Easy Attachment:** Connects via Category 2 three-point hitch using a single quick-coupling pair (20 L/min in/out from the tractor).
- **Controls:** Three-section distributor handles manage vibration, clamp open/close, and main frame rotation.
- **Convenient storage:** Includes a stand and locker for the shaking head during transport and storage.

Technical Specification

Model	PESTKA
Mounted Type	▪ 3-point linkage Category 2
Working System	▪ Tractor's hydraulics system
Hydraulic Oil Flow	▪ 18 – 20 L/min / \approx 5.3 GPM
Tractor Capacity	▪ 30 HP
Working & Transport Length	▪ 3,280 mm / (\approx 129.1 in / 10.76 ft)
Working-Transport Width	▪ 920 mm / (\approx 36.2 in)
Working-Transport Height	▪ 1,620 mm / (\approx 63.8 in)
Dry Weight	▪ 220 kg / (\approx 485 lb)
Scope of Paws Grip	▪ 50 – 300 mm / \approx 2–12 in
Harvest Accuracy	▪ Up to 98%
Output	▪ 50–60 trees/hour
Number of Operators	▪ Tractor Driver + 1

Transport Dimensions

Length	Front view	Side view
3280 mm		
Width		
920 mm		
Height		
1771 mm		



GACEK Automatic



G-004 PRO Automatic



RS-100

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