Olive Harvesting Machine

This olive harvesting machine is designed for efficient olive collection. Its robust engine provides ample power for effective harvesting.

Model		4GS-50
Main unit	Vibration values at each handle(m/s²) (ISO 22867;uncertainty:1.5)	front handle: idle: 3.5, racing: 9.7, equivalant: 7.3rear handle: idle: 1.9, racing: 7.4, equivalant: 5.4 Uncertainties: 1.5
	Sound pressure values L_{wA} (ISO 22868;uncertainty:3dB(A)	idling: 76.6, racing: 99.3, equivalent: 96.3 Uncertainties: 3
	Sound power values L_{WA} (ISO 22868;uncertainty:3dB(A)	idling: 86.0, racing: 109.4. equivalent: 106.4 Uncertainties: 3
	Reduction ratio	56:5
Engine	Name of engine	1E34F-2E
	Type	Air-cooled; 2 cycle;vertical;piston valve; gasoline
	Displacement(cm^3)	25.4
	Maximum output(kW/min^{-1})	0.70/7500
	Fuel used	Gasoline mixed with lubricating oil(ratio of 30:1)
	Fuel tank capacity(l)	0.65
	Method of starting	Recoil type

ADDITIONAL IMAGES

Overview

Efficient Harvesting Solution

This professional-grade harvesting machine is designed for the efficient collection of small fruits, including olives, nuts, and pistachios. Engineered for performance, it utilizes specialized shaking motions to effectively remove fruit from branches with minimal effort. The design prioritizes operator comfort by significantly reducing vibration during use, making it suitable for both commercial and private groves.

Compliance & Standards	CE, EURO II

Engine Specifications

Maximum Output

0.7 kW	7500 min{
Power	at Speed

Fuel System

- Fuel: Gasoline mixed with lubricating oil (30:1 ratio)
- Tank Capacity: 0.65 L
- Starting Method: Recoil type

Engine Model	1E34F-2E
Engine Type	Air-cooled, 2-cycle vertical piston valve gasoline
Displacement	25.4 cm^3

Performance & Safety

Vibration Levels (m/s²)

Handle	Idle	Racing	Equivalent
Front	3.5	9.7	7.3
Rear	1.9	7.4	5.4

Noise Levels dB(A)

Metric	Idle	Racing	Equivalent
Sound Pressure	76.6	99.3	96.3
Sound Power	86	109.4	106.4

Reduction Ratio	56.5