



## GACEK- Stone fruit harvester

**Fruits Tree Shaker** GACEK is intended for harvesting sour-cherries, plums, hazelnuts, almonds, and more others

GACEK is completely developed by JAGODA JPS under R&D works scientific and industrial consortium of the Institute of Horticulture In Skierniewice ( Capital of fruits science in Poland) under Patent Number: P-386556

- The innovative solution that distinguish GACEK is the adoption of an inverted umbrella folded automatically under the tree before shaking the fruits
- The innovative shaking head guarantee quite an operation and is much more gentle for trees than other shaking head by changing the shaking force of the rotating weight that can be used for different fruits
- GACEK machine is recommended for orchard area of up to 5 ha. In optimal conditions, collecting the fruits from 50-60 trees / hour

### Innovative solution and highest workmanship standard – Fully equipped:

- Effective system for clean fruits
- Regulation of the power shaker
- High quality fruits & high reliability
- Collecting fruits into small or big box ( standard option)



### In order to achieve the best work effects:

- |                                   |                 |
|-----------------------------------|-----------------|
| ▪ Distance between Rows           | Min. 4 m        |
| ▪ Distance between trees in a row | Min. 2,2 m      |
| ▪ Max. crown diameter             | About 3.7 m     |
| ▪ Trunk diameter                  | 50 mm to 220 mm |
| ▪ Height of the trunk             | Min. 0,7 m      |



- The machine is designed to harvest fruit into pallet boxes **1200x1000x760 mm**. After mounting the bars, the platform for boxes and pallet's platform to collect to boxes **600x400x150 mm**.



## Technical Specification

Method of Attaching	3-point linkage Category 2
Working System	Tractor's hydraulics
Hydraulic Pump Consumption	25 L/Min
Tractor Capacity	Min 30 Hp
Working Length	Max: 5200 mm
Working Width	Max: 3700 mm
Working Height	2400 mm
Dry Weight	1250 Kg
Scope of paws grip	50 - 220 mm
Harvest accuracy	Up to 95%
Output	Up to 0,5 ha/8hour (50 Trees/Hour)
Number of operators	2-3

## Shipment Dimesnions

Length	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Side view</p> </div> <div style="text-align: center;"> <p>Front view</p> </div> </div>
4800 mm	
Width	
2400 mm	
Height	
2090 mm	

