



# KAREN

Raspberry, blackberry and blueberry harvester proper also for harvesting haskap, cherries and olives from young trees. Suitable for work on different plantations in the world.



## Precisely hitting your needs

- Work on a different area owing to a lightweight construction and wide tires
- The trailed harvester with a tree-point-suspension; work with different fruit tractors
- Ability of picking fruits growing on a flat field, on beds, without supports (only young cherries and olives) and with T-supports
- An excellent solution for plantations with narrow spacing between rows.
- Optimal shaking height owing to KAREN construction with possibility of adjustable harvester height up-down



## **HARVESTING** technology

The technology of collecting fruit with KAREN is based on a vertical shakers harvesting system. The fruits are falling on a conveyor and are being transported through a cleaning unit. They are thoroughly cleaned off leaves and other impurities. An effective sealing system minimizes fruit losses. Next, fruits are transported to a fruit selecting zone and into totes and lugs.



- Vertical shakers with vibrations adjustment
- Effective fruit shaking even with gentle shaker vibrations
- Perfect sealing system with catchers
- Minimum operating actions
- Constant operating parameters
- Comfortable conditions for fruits selection
- Adapted for steady work also in high temperatures

BEST QUALITY PARAMETERS



## Effective **SHAKING SYSTEM**

**KAREN harvester guarantees high quality of crop. It is safe for fruit and bushes and has no negative impact on further crops.**



**Vertical shakers and shaking rods configuration guarantees efficient fruit shaking even with gentle vibrations. Fast and easy regulation of shaking unit allows for wide range of working parameters change and adaptation to picking requirements. Only ripe fruit are shaking off. Unripe fruit are leaving and undamaged for the next pick.**



## Efficient **SEALING SYSTEM**

KAREN harvester is equipped in a sealing system with catchers and cover before and behind shaking zone. It allows minimize fruit losses during harvesting. The proper shape catchers mounted on gentle springs close quickly and thoroughly around the plants while protecting them from damage.





## Effective **CLEANING UNIT**

- Very good fruit quality without impurities (leaves and sticks)
- Smooth airflow in the ventilation tunnel
- Ventilator power adjustment





## Ideal conditions of **FRUIT SELECTION**

Harvester construction, used solutions and materials allows pick up high quality fruits. However, before fruits will be in totes or lugs it is still possible to select the fruits depending on their purpose.



- Two longitudinal conveyors which ensure maximum place for fruits selection
- Fruits equally distributed on the conveyor
- A lot of space under the chute minimizes necessity fruits mixing in the filled box
- Comfortable place for fruit selection and for replacement of full and empty totes
- Possibility of working platform enlargement

DELICATE FOR FRUIT AND BUSHES



## Optimal **HARVESTING CONDITION**

Space between transporters and height of sealing system allows fruit harvest growing on a flat field or on beds. Layout of transporters and sealing unit guarantees minimum shaking height during harvesting.



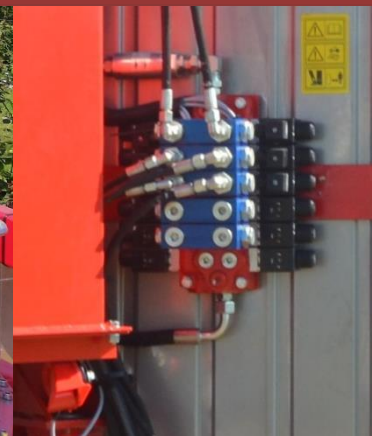
Harvester lifting on wheel columns ensures low harvester position during fruit harvesting, allows to work on slopes and overcome field obstacles.



## High-performance **HYDRAULIC SYSTEM**

KAREN harvesters are equipped in an independent hydraulic system with oil cooler with electric engine and fun for working elements drive. We use hydraulic components from renowned and top quality brands. Options of hydraulic adjustment (depending choose equipment ):

- shaking power
- shaking unit turns
- conveyors speed
- ventilator power
- draw bar positioning
- harvester height adjustment
- automatic positioning in the row





## Road and ocean freight **SHIPMENT**

The harvester construction and used solutions enable the machine road transport on tarpaulin semitrailers (loading space 2,45m wide and 2,65m high) and sea transport in HIGH CUBE 40" containers.





## OPTIMAL PARAMETERS for plantation harvested with KAREN

1. Fruits growing on a flat field or on beds.
2. Width of the beds base to 0,75m and beds height to 0,27m for the lowest harvester position above the ground.
3. Ability of picking fruits growing with T-supports.
4. Distance between rows minimum 2,5m (limited by tractor width).
5. Tunnel clearance max 2,65m.

If parameters of your plantation are different, please contact us. We will help you to choose a suitable solution.





# General **FEATURES**



Parameter	Value	KAREN
Harvester type	-	Full-row, trailed
Tractor power demanded	-	Pull of 9 kN; 50 KW (68 HP), demanded slow gear, from 0,5 km/h for raspberries and 1,0 km/h for blueberries at 1500 tractor engine speed, 540 rpm/min PTO shaft, electrical installation 12vdc
Number of harvested rows	szt.	1
Number of shakers	szt.	2
Adjustment of the harvester height from the ground level	m	from 0,1 to 0,6 m
Work speed	km/h	from 0,5 km/h
Harvester capacity	kg	760
Storage space	-	Suitable for dtore 40 pieces totes
Tunnel clearance	m	2,65 m
Hook type	-	Three-point-suspension
Work drives	-	Hydraulic
Staff	-	Tractor driver+ 2 or 4 persons to fruit selection and totes replacement

WEREMCZUK FMR reserves the right to make the modifications. It considers necessary to the products in this catalogue without price notice.

Ask about price offer, time of delivery and transport option.

Contact us!!! Our consultants will help you to choose the best solution for You and Your plantation!

**WEREMCZUK FMR Sp. z o.o.**

**weremczukagro.com**



**+48 81 517 15 80**

**+48 668 362 866**



**[Find video  
with KAREN  
at work](#)**

Update 2020-10-21