

MAJA

line harvesters

Shaking and cleaning machines for harvesting stone and dried fruits like sour cherries, prune plums, olives, almonds, nuts, apple for industry and other.

One machine – many possibilities

- Strong and durable construction
- Trailed to the fruit tractors
- Versatility
- Safe for harvested fruits and trees
- Ability of picking fruits growing in different orchards (solutions for traditional and modern orchards)
- Equipment suitable to your needs



MAJA available models



- MAJA CLASSIC model 6,0 and 4,0
- MAJA CLASSIC model 6,0 without shaking unit

MAJA AUTOMATIC LK
model 4,0; 6,0 and 7,4

MAJA AUTOMATIC TS
model 4,0 and 6,0

Screen folded and unfolded
automatically on special arched arms

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automatically on special arched arms

Additional people for fold und unfold
the screen are required

Main modules:

- Shaking unit with special arm
- Set of conveyors
- Cleaning unit
- Work platform
- Special screen for shaking fruits

BEST FOR TRADITIONAL & MODERN ORCHARDS

Durable **SHAKING UNIT** with shaking head, hard arm and pincers

- Pincers with rubber pads safe for trunk and branches
- Trunks diameter from 8-30 cm (ask if you need more)
- Easy attachment to the trunk
- Wide opening of the pincer suitable for all kinds of trees (young and with big diameters)
- Wide range of shaking unit adjustment: shaking power, arm position, clamping power
- Camera and screen to control shaking arm position



Performance **CLEANING UNIT**

- Very good quality without any leaves and stics
- Smooth air flow in a ventilator tunnel
- Adjustment of flow power



Special **SCREEN** for fruits catching

- Durable screen material with special ribs
- Different screen sizes depending on trees distance in a row
- Unique sealing collars minimizes fruits losses
- Automatic system of screen folding and unfolding (in MAJA AUTOMATIC)
- Automatic switching off screen folding up (MAJA CLASSIC)
- Automatically disable screen scrolling at extreme positions when folding and unfolding (MAJA AUTOMATIC)

CUSTOMIZED TO YOUR NEEDS



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Additional **SPECIAL EQUIPMENT**

All of our machines match Your needs.
Let us know about Your requirements and we
will supply the most appropriate equipment.

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Special screen for trees with a wide crone



Additional storage for small boxes



Additional side work platform



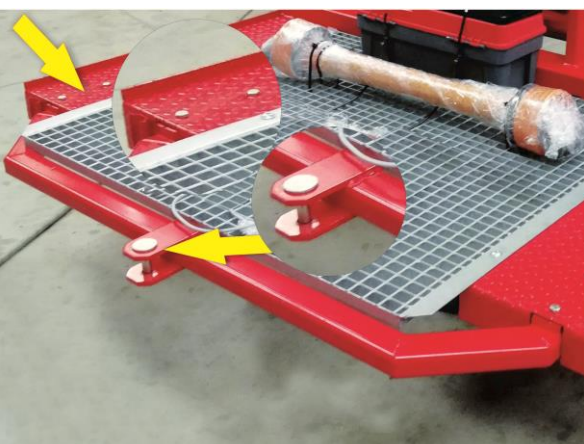
Road lights with white-red boards

CUSTOMIZED TO YOUR NEEDS

Capacious **WORK PLATFORM**



- Suitable for picking fruits in small 10-20 kg boxes, in a big 500 kg box or other (bags, plastic barrels)
- Two-level grate for boxes (eliminates fruit spillage during boxes changing)
- Long stainless steel platform for boxes
- Durable, hydraulically lower able pallet-pallet lift with a strength of 500 kg
- Trailer hitch hook (dismountable) option



The idea of **HARVESTING PROCESS**

Harvesting with MAJA machine occurs as a result of fruits shaking with special vibrator mounted on the shaking arm. Fruits fall down on the screen folded on the ground under the tree crone. After rolling up the screen, the fruits are falling on the conveyor and are being transported through the cleaning unit to used container.



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- Used in orchards with any distances between trees in a row
- Almost 100% harvesting efficiency
- High quality harvested fruits
- Fruits for processing industry and freezing

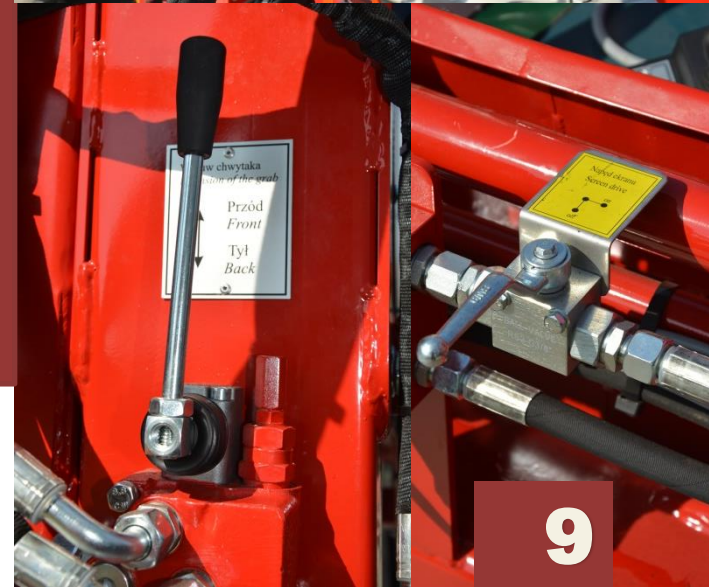


BEST FOR TRADITIONAL & MODERN ORCHARDS

High-performance **HYDRAULIC SYSTEM**

All our MAJA harvesters are equipped in an independent hydraulic system with oil cooler with electric engine and fan for working elements drive. We use hydraulic components from renowned and top quality brands. Options of hydraulic adjustment (depending on MAJA model they are in standard equipment or they can be added as an option)

- shaker arm position
- clamping power
- shaking power
- change of the shaker crane range
- conveyors speed
- ventilator power
- screen folding and unfolding speed
- spacing between the screen guides and the shaker crane in relation to the width of the screen (MAJA AUTOMATIC LK)
- wheel steering
- leveling/lifting of the machine
- Screen folding and unfolding (MAJA AUTOMATIC LK and TS)



Orchard **OPTIMAL PARAMETERS** for harvesting with MAJA

1. Optimal distance between rows: 5m (min.4 m)
2. Distance between trees in a row: from 1.5m to 3.79m
3. Tree trunk height measured from the first branches: 0.8m
4. Tree trunk diameter: 8-30cm
5. Turning area width: 8m – for model 6.0 6m – for model 4.0 8.5 m – for model 7.4
6. Tree trunk deviation from the ground: max 15° to shaker operation
7. Possible longitudinal slope of the field - 10% (~ 6 °)
8. Possible side slope of the field - 10% (~ 6 °)

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



General **FEATURES**

Features	Value	MAJA CLASSIC		MAJA AUTOMATIC LK			MAJA AUTOMATIC TS	
		4.0	6.0	4.0	6.0	7.4	4.0	6.0
Tractor power demand	HP	45		70			70	
Weight in standard version	kg	1650	1850	2800	3200	3800	2850	3100
Output	ha/h	0,08-0,10	0,10-0,15	0,08-0,10	0,1-0,15	0,1-0,15	0,08-0,10	0,1-0,15
Single tree picking time	min	1,0-1,5		0,5-1,0			0,5-1,0	
Tree trunk diameter	cm	8-30 cm		8-30			8-30	
Screen width - option	m	3 or 4	3; 4; 5 or 6	3,25-3,85	3,45-5,45	4,85-7,05	2,55-3,85	2,55-5,45
Platform capacity	kg	500		500			500	
Work drives	---	hydraulic		hydraulic			hydraulic	

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 orchard!



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Find video with
MAJA at work

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