



# CULTIVATORS

# Cultivators

The ideal machine for preparing sowing bed after plowing or tillage with discharrow is the Soil Preparation Cultivator. A machine easy to use, economically and efficiently preparing perfect the fields for sowing.

Available from 2,00-7,00m and the demand horsepower is from 50-230 HP.



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# Cultivators





### **Reinforced main frame:**

The main frame of Kariotakis cultivators is:

- 1) It is made entirely from frame steel
- 2) It has four rows of frame steel upon which springs are adapted
- 3) The pull at the cultivator has been designed to can be adapted to all types of tractors with three-point connection, shifting the center of gravity of the machine near to the tractor and achieving lifting the machine so that it is perfectly safe for transport.



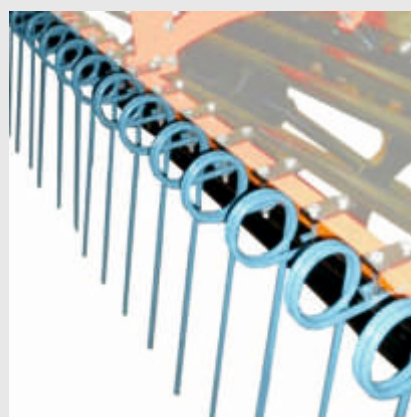
### **Mechanically adjusted ( standart):**

In the standard version all Kariotakis cultivators have mechanically adjusted rollers, where you adjust by hand a tensioner to set the working depth of the rear cylinders but also is given the possibility to the operator to regulate the angle of the discs by a tensioner also.



### **Ability to choose a tine:**

- 1) Double tine 32X10
- 2) Single tine 32X12
- 3) Single tine 45X12
- 4) Straight tine 45X10



### **Rear row with springs for sowing bed:**

For even more uniform distribution and cultivation of the soil you can adjust behind the rear cylinders a row of springs for the preparation of the sowing bed.

With these springs is being achieved a perfect cultivation at the soil and the ideal conditions for the preparation of the sowing bed.



# Rear cylinders

## **Mechanically adjusted ( standart )**

In the standard version all Kariotakis cultivators have mechanically adjusted rollers, where you adjust by hand a tensioner to set the working depth of the rear cylinders but also is given the possibility to the operator to regulate the angle of the discs by a tensioner also.

## **Hydraulically adjusted**

The hydraulic cylinders adjustment can be adapted at all Kariotakis cultivators giving the advantage to the operator from the cab of the tractor to adjust the working depth of the rear cylinders and to have the advantage of easy adaption to the working conditions.

At the hydraulic cylinders can be set and the working angle of the cylinders.



# Mechanically



Hydraulically

# Front roller

A new accessory that has been added at the Soil Preparation Cultivators is the front roller:

- 1) The front roller can be added and removed at any hydraulically replicated cultivator model from 4m-6m.
- 2) It's being adjusted in front of the cultivator.
- 3) It can operate independently of the rear cylinder.
- 4) It is a roller with a diameter 320mm
- 5) The working depth of the front roller is set mechanically
- 6) It can be raised up to 15cm.
- 7) With the help of the front roller are split all uniform soil pieces that stick after tillage with plow, disc harrow or subsoilers and normalizes the soil ready for sowing.







# Front leveler

With the use of the front leveler the cultivator as it works can flatten the soil volume that protrudes after plowing or used after using disc harrow allowing the farmer to have uniform as he cultivates the ground.

The front levelers working depth can be adjusted mechanically





# Safety transport

Models over 4,0m working width folded in the middle hydraulically for most safe and easy transport.

So unaccompanied the Cultivators can be safely transferred as the carriage width of **the folding machine is not exceeding the 2,40m.**



2,40m



### Trailed System

For safer transport at the Cultivators can be added a trailed system, for easier pull and transportation.

# Ability to choose tine



**01-002W**

- 32X10
- Under the frame clearance 390mm
- Thickness 10mm.
- Aid at Flex spring, upper part
- Working depth from 5-15 cm



**01-005**

- 32X12
- Under the frame clearance 390mm
- Thickness 12mm.
- Working depth from 5-15cm



**FX45X12**

- 45X12
- Under the frame clearance 530mm
- Thickness 12mm.
- Aid at Flex spring, upper part
- Working depth from 5-25 cm



**01-1515W**

- 45X10
- Under the frame clearance 510mm
- Thickness 10mm
- Working depth from 5-20cm



# Ability to choose a knife

## Cultivators

**Code: 01-012**



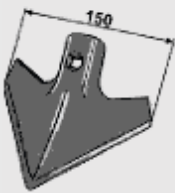
\* Width: 40mm

**Code: 01-015**



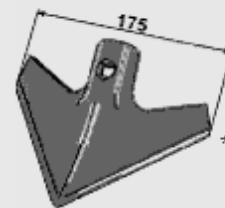
\* Width: 105mm

**Code: 01-016**



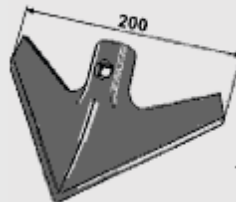
\* Width: 150mm

**Code: 01-017**



\* Width: 175mm

**Code: 01-120**



\*Width: 200mm



KP  
2,00 - 7,00m





# Cultivators



		KP200	KP230	KP250	KP280	KP 300	KP 350	KP 400
<b>FIX</b>	Working width (m)	2,00	2,30	2,50	2,80	3,00	3,50	4,00
	Tractor HP	40-50	50-70	60-80	70-100	90-120	100-120	100-150
	Transportation width (m)	2,00	2,30	2,50	2,80	3,00	3,50	4,00
	32X12 Tine	√	√	√	√	√	√	√
	Mechanically Adjusted Double cylin. Ø320/ Ø320mm	√	√	√	√	√	√	√
	Weight (Kgr)	395	420	470	540	690	980	1.130

		KPA400	KPA500	KPA600	KPA700
<b>FOLDING</b>	Working width (m)	4,00	5,00	6,00	7,00
	Tractor HP	100-150	120-150	140-200	170-230
	Transportation width (m)	2,40	2,40	2,40	2,40
	32X12 Tine	√	√	√	√
	Mechanically Adjusted roller Ø320 / 320mm	√	√	√	√
	Weight (Kgr)	1.385	1.660	1.940	2.215



You are....  
....in good hands.



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