

# Extra Equipment

## Points

Whilst the 200 mm standard point is applicable for most tasks, a narrower 120mm version is available as well as a 350 mm point.

A simple change of point size will allow the Combi-Tiller to fit different soil types and varying working depths.



## LED Lighths

LED lighting is available for all Combi-Tiller models.



## Support Wheels

Available for the MKI and MKII 3.00 and 4.00. (Standard equipment on HD 5.00 and 6.00)



## Warning Boards

Available for mounting on the lighting support.







## Crossbar

With the crossbar, implements can be attached using a towing eye (please observe national road traffic regulations).







# Technical Specifications

## Combi-Tiller MKI

							
2.50 - 4.00 m	470 - 715 kg	75 - 200 hp	3 - 8 pcs.				
Working Width, m	Model	Stone Protection	Number of Tines	Tine Distance, cm	Power Req., hp	Weigth, kg	Combi-Tiller MKI with three-point linkage for combination with a lift mounted Disc-Roller Contour.
2.50	Rigid	Shear bolt	4	57.5	100	505	
3.00	Rigid	Shear bolt	5	56.0	125	560	
3.00	Rigid	Shear bolt	6	46.7	150	595	
3.50	Rigid	Shear bolt	6	55.0	150	615	
3.50	Rigid	Shear bolt	7	47.1	175	650	
4.00	Rigid	Shear bolt	7	54.3	175	670	Combi-Tiller MKI with three-point linkage for combination with several lift mounted/trailed implements.
4.00	Rigid	Shear bolt	8	47.5	200	705	
2.50	Rigid	Shear bolt	3	83.3	75	470	
2.50	Rigid	Shear bolt	4	62.5	100	515	
3.00	Rigid	Shear bolt	5	60.0	125	570	
3.00	Rigid	Shear bolt	6	50.0	150	605	
3.50	Rigid	Shear bolt	5	70.0	125	590	
3.50	Rigid	Shear bolt	6	58.3	150	625	
3.50	Rigid	Shear bolt	7	50.0	175	660	
4.00	Rigid	Shear bolt	7	57.1	175	680	
4.00	Rigid	Shear bolt	8	50.0	200	715	

## Combi-Tiller MKII

						
3.00 - 6.00 m	890 - 2,385 kg	125 - 300 hp	5 - 12 pcs.			
Working Width, m	Model	Stone Protection	Number of Tines	Tine Distance, cm	Power Req., hp	Weigth, kg
3.00	Rigid	Quick-Push	5	60	125	890
3.00	Rigid	Hydr. auto release	5	60	125	1,035
3.50	Rigid	Quick-Push	6	58	150	985
3.50	Rigid	Hydr. auto release	6	58	150	1,130
4.00	Rigid	Quick-Push	7	57	175	1,085
4.00	Rigid	Hydr. auto release	7	57	175	1,230
4.00	Rigid	Quick-Push	8	50	200	1,170
4.00	Rigid	Hydr. auto release	8	50	200	1,350
4.00	Foldable	Quick-Push	7	57	175	1,310
4.00	Foldable	Hydr. auto release	7	57	175	1,450
4.00	Foldable	Quick-Push	8	50	200	1,395
4.00	Foldable	Hydr. auto release	8	50	200	1,570
4.00 HD	Foldable	Quick-Push	7	57	175	1,310
4.00 HD	Foldable	Hydr. auto release	7	57	175	1,450
4.00 HD	Foldable	Quick-Push	8	50	200	1,395
4.00 HD	Foldable	Hydr. auto release	8	50	200	1,570
5.00 HD	Foldable	Quick-Push	9	55.5	225	1,570
5.00 HD	Foldable	Hydr. auto release	9	55.5	225	1,715
6.00 HD	Foldable	Quick-Push	11	54.5	275	2,130
6.00 HD	Foldable	Hydr. auto release	11	54.5	275	2,285
6.00 HD	Foldable	Quick-Push	12	50	300	2,250
6.00 HD	Foldable	Hydr. auto release	12	50	300	2,385



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# Combi-Tiller

MKI - MKII  
Force and Flexibility





# Combi-Tiller MKI

## Flexible soil loosening

The HE-VA Combi-Tiller MKI is a sub-soiler developed for working solo or combined with a trailed implement.

With a total length of merely 750 and 160 mm tine staggering, the HE-VA Combi-Tiller MKI is ideal for combination with other machines.

The HE-VA Combi-Tiller MKI is available with various number of tines for row spacing from 500-833 mm. The row spacing can be adjusted individually via the bolted tine brackets.

### Depth Adjustment

The working depth is adjusted manually in increments of 50 mm by the height position of the tines. This includes a parking position as well where the tines are lifted completely from the ground.



Combi-Tiller MKI can be mounted in the linkage arms of the tractor for working solo, or combined with a trailed implement.

The quick couplings allow the HE-VA Combi-Tiller MKI to be built together with another three-point mounted implement, for example the HE-VA Disc-Roller.



### Stone Protection



The HE-VA Combi-Tiller MKI construction is protected from overloading via shear bolts fitted on each tine.

# Combi-Tiller MKII

## The extended version

The HE-VA Combi-Tiller MKII lifts the soil to break hard stratum of earth/plough pan together with an oxidation of the soil - without bringing large unwanted clods to the surface.

The 420 mm tine staggering and the hydraulic automatic release system prepare the HE-VA Combi-Tiller MKII for even the heavy soil types, to the advantage of the professional farmer.



### Support Wheels

Support Wheels standard on Combi-Tiller MKII 5.00 and 6.00 m HD models. (Extra equipment for 4.00 m)



### Standard Points

A standard Combi-Tiller point is 200 mm wide and is mounted on a 25 mm wide tine.

The point itself is made of cast steel, which is hardened to prevent wear without the appearance of brittleness. Being mounted with a single bolt, makes the points easy and quick to replace.



### Transport

The 4.00, 5.00 & 6.00 m Combi-Tiller MKII are available with hydr. folding in two sections.



### Stone Protection

The Combi-Tiller MKII is available with two different stone protections:

#### HYDR. AUTOMATIC RELEASE

Hydr. automatic release system protects the machine against overloading by a hydraulic cylinder connected to two large gas accumulating tanks. When the tine is released by a stone, it will reposition itself automatically.



#### QUICK-PUSH

The Quick-Push shear bolt breaks if a tine hits a stone. Then the R-clip is removed and the shear bolt is easily pushed forward into new position.



Combi-Tiller MKII built together with the HE-VA Disc-Roller. The depth wheel stabilizes the front corner of the machine (extra equipment on rigid models).

### Hydraulic 3-Point Linkage



When combined with a HE-VA Disc-Roller, the tine working depth can be adjusted from 50 mm above the soil surface to a max. depth of 400 mm.

Hydr. three-point linkage is standard equipment on the Combi-Tiller MKII. It allows the Combi-Tiller MKII to be mounted with a trailed implement directly in the three-point linkage Cat. 2/3. The linkage will then act as a hydr. depth adjustment of the Combi-Tiller MKII tines.



A scale on the hydraulic linkage allows the driver to see the exact position of the hydr. linkage.