

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.