

# CMN flex-weeder



## Weed control without chemicals

With the CMN flex-weeder you achieve the best form of weed control for all crops, not to mention aeration of your winter corn in the spring without damaging the cultivated crop.

What does the CMN flex-weeder give you?

- ⑤ Great flexibility when it comes to choice of crop.
- ⑤ Great flexibility when it comes to soil class.
- ⑤ Control of 80-90% of annual weeds with 2-3 treatments.
- ⑤ The right working depth in the crop, even when the field is uneven.
- ⑤ A cultivator developed in collaboration with the Institute for Weed Control in Flakkebjerg and SJF Byholm.
- ⑤ A driving speed of 10-14 kph.
- ⑤ A cultivator with minimal maintenance.
- ⑤ A cultivator with high ground clearance.

In other words, if you want effective control of annual weeds without using chemicals, the CMN flex-weeder is not to be ignored.

The CMN flex-weeder has a main frame of no more than 3 metres in length per section. Mounted underneath these frames are sections of 1 metre in width to which the long tines of the cultivator are fastened on transverse bars. The bottom sections are centrally mounted in such a way that they can work independently of each other, i.e. even if the surface of the soil is not completely level, the cultivator will compensate thanks to the moving sections.



*Weed control in peas*



*12 m with pneumatic sowing machine in transport position*

The CMN flex-weeder has an effective tine spacing of 4.5 cm and are divided between three bars, which in turn are connected in parallel with an infinitely variable shift arrangement. This enables the tine angle to be varied from vertical to 45° backwards in relation to the surface of the soil. Thanks to the infinitely variable adjustment of tine aggressiveness it is possible to adjust the cultivator to optimum weed control regardless of soil type and crop. The special design of the tines makes them very sensitive laterally. This means that they find their way round the cultivated crop and also ensure effective soil spreading.

The straight tines on the CMN flex-weeder also reduce the risk of clogging/dragging in crops with a lot of plant residues. If there are stones in the field, the straight tines find their way round the stones. This prevents them from being lifted up and causing problems when the crop is harvested.

The CMN flex-weeder has support wheels which can be moved to anywhere on the frame. This means that the cultivator can be used in both row crops and broadcast crops.



*Weed control in spring barley – first treatment*



*Weed control in peas – last treatment*

## CMN tine-flow

CMN tine-flow consists of hydraulic cylinders mounted in series on each individual section of the cultivator instead of the adjustable spindles.

Adding hydraulic tine-flow to the CMN flex-weeder makes it possible to adjust aggressiveness from the tractor while driving. This is very important if the soil quality is very variable.



## CMN row equipment

Fitting row equipment to the CMN flex-weeder makes it possible to cultivate more aggressively in row crops without damaging the cultured crop, particularly in the case of beet and maize.



The row equipment has infinitely variable height and width adjustment, which means that it is always possible to achieve optimum weed control without damaging the crop.

The row equipment can be fitted on all CMN flex-weeder models. It is fastened to the cultivator's carrying frame, ensuring that the tine sections can still work independently of each other.

## CMN green soil rings

By fitting green soil rings on the CMN flex-weeder you achieve even better utilisation of your cultivator.

The function of the rings is to level out molehills and spread cow pats, after which the tines aerate the grass field.





Mechanical weed control in Christmas trees ensures better cultivation reliability because the cultivator leaves behind a porous soil layer, thereby reducing evaporation. Thanks to the high ground clearance of the CMN flex-weeder it is possible to drive in the trees until they are approx. 0.5 metres tall.

## Specifications of the CMN flex-weeder

Model	Working width	Transport width	Section sizes in metres	Number of tines	Number of wheels	Weight in kg
FW 2000s	200 cm	200 cm	2	44	2	200
FW 3000s	300 cm	300 cm	3	66	2	250
FW 4000s	400 cm	240 cm	1 x 2 x 1	88	2	300
FW 5000s	500 cm	340 cm	1 x 3 x 1	110	2	500
FW 6000*s	600 cm	240 cm	2 x 2 x 2	132	4	800
FW 7000*	700 cm	340 cm	2 x 3 x 2	154	4	860
FW 8000*	800 cm	240 cm	3 x 2 x 3	176	4	950
FW 9000*	900 cm	340 cm	3 x 3 x 3	198	4	1000
FW 10000*s	1000 cm	250 cm	1 x 3 x 2 x 3 x 1	220	4	1500
FW 12000*s	1200 cm	250 cm	2 x 3 x 2 x 3 x 2	264	6	1800

(\* ) = hydraulic folding

(s) = same weight for all sections

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