



couch grass killer



CMN couch grass killer, your optimum mechanical solution to fight root weeds such as couch grass, docks, thistles and other root weeds.

When re-laying old grass fields and grass seed fields you obtain an effective cutting of the tuft.

The CMN couch grass killer first consists of a heavy duty three-point-mounted stubble cultivator, which is going to loosen the soil before the rotor works through the soil. Each tine is provided with a wing share, which secures a complete horizontal cut through.

The working depth of the stubble cultivator is adjusted by two spindle adjusted depth wheels.

Stone-releaser

The stubble cultivator is made with 2 different kinds of stone-release. As a mechanical release made with snap bolt or with a mechanical spring-release. All couch grass killers have PTO automatic clutch.

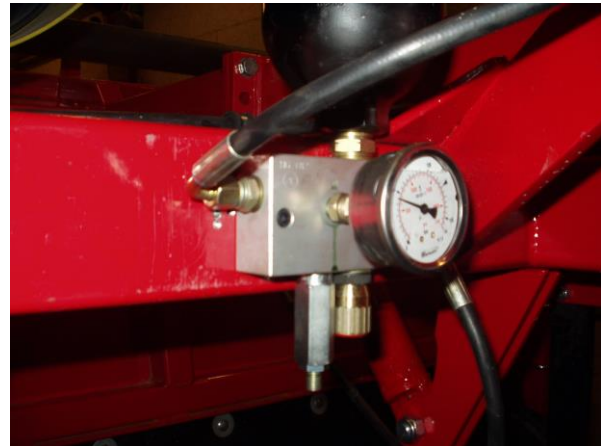


KK400s with spring-release stubble tine



After the stubble cultivator there is a patent applied PTO-pulled rotor system. It rotates relatively slow against the driving direction and the depth is adjusted by the means of spindle adjusted depth wheels. The rotor has special developed heavy curved tines, which are placed with an average centre distance of 10 cm, but with a large mutual distance of 40 cm. This means that smaller stones can pass through.

Besides the stone safety device, the CMN couch grass killer has a hydraulic stone safety device which neutralize the tare by the means of a pre-adjusted pressure of the lifting cylinders. Heavy resistance, as f. ex. a large stone, will make the rotor lift itself over the obstacle.



In fields with many stones or very clayey soil, you can with advantage, use a rotor which has rubber-mounted tines. This counteracts breaking the security bolts and the machine gets a smoother running, at the same time.

The functioning of the rotor is to pull up the roots and to leave them clean on the surface. The rotor rotates relatively slow against the driving direction. By this you secure that little soil is following the roots. Other organic material will be pulled up around the rotor and left on the surface.





CMN couch grass killer model KKR consists of a rotor and a track loosener only. Before using this model, the field has to be loosened with a complete cut through by a stubble cultivator or a plough.

Carrying out mechanical couch grass control requires that the roots are free from the soil and left to dry or freeze. When controlling the root weeds at high temperature in the soil, there is a danger of a large washout of mineralized nitrogen, as there are no plants to absorb the quantity which is released in the root zone. Therefore, it will be a benefit to carry out the couch grass control late in the autumn and early spring, before establishing a new crop.

With this kind of machine combination, you secure an effective root weed control, and you are not depending on long periods of dry weather.

Mount a pneumatic sowing machine on the CMN couch grass killer and reduce the root weed to a minimum.

By mounting a pneumatic sowing machine on the CMN couch grass killer, you can establish the future crop with the machine in ploughed soil or directly in stubble.



Front-mounted hopper on CMN couch grass killer 4 m

The crop is established under the wing share. This means, that the soils ability to hold the humidity is retained. The rotor on the CMN couch grass killer is exposing thistles and other root weeds, down to 5 – 10 cm depth of the growth layer (cambium). This gives the crop enough advantage to compete with the deeper laying root weeds.



Grain sowed with the CMN couch grass killer



In other words, if you want a machine for the future and at the same time minimize the costs per hectare, the CMN couch grass killer is not to be ignored.

Common technical data:

The machines are three-point-mounted or trailed

The rotor requires a 540 PTO.

The power requirement is about 35 HP/25KW per metre.



Technical data CMN couch grass killer

| Type | Working width in cm | Transport width in cm | Weight in kg | Weight in kg with rubber secure | Number of stubble cultivator tines |
|----------|---------------------|-----------------------|--------------|---------------------------------|------------------------------------|
| KK210R | 210 | 225 | 500 | 600 | 0 |
| KK210 | | | 850 | 950 | 5 |
| KK210S | | | 900 | 1000 | 5 |
| KK275 | 275 | 300 | | | 7 |
| KK300R | 300 | 320 | 700 | 850 | 0 |
| KK300 | | | 950 | 1200 | 7 |
| KK300S | | | 1100 | 1350 | 7 |
| KK400R | 400 | 430 | 1050 | 1250 | 0 |
| KK400 | | | 1350 | 1550 | 9 |
| KK400S | | | 1450 | 1650 | 9 |
| KKB400SG | | | 300 | | 9 |
| KKB600SG | 600 | 300 | | 2350 | 14 |

Technical data for sowing unit

| Type | Capacity in litres | Oil quantity litres per minute | Height of filling up in metres | C. weight in kg |
|--------|--------------------|--------------------------------|--------------------------------|-----------------|
| FS1000 | 1000 | 10-30 | 1,5 | 300 |
| FS1500 | 1500 | 10-30 | 1,5 | 400 |



AC Hoppesvej 5
DK - 7790 Thyholm
www.cmn.dk

Phone: +45 97 87 20 00
Fax: +45 97 87 20 02
mail@cmn.dk

Dealer: