

 **KÖCKERLING**

*VECTOR – Stubble Cultivator*



# VECTOR Stubble Cultivator

*The 4 tine bar universal cultivator for shallow and deep stubble cultivation*

## 1 | Double STS roller

The VECTOR is equipped as standard with the double STS roller. The STS roller offers excellent re-consolidation, reliable working and stability even on stony conditions. The U profile of the ring fills with soil and the soil-to-soil contact keeps the roller turning in even the most difficult conditions. The overlapping of the two sets of rings makes them self-cleaning.

## 2 | Patented Easy-shift depth adjustment

The VECTOR is equipped with the patented EasyShift on the move depth control. This infinitely variable depth control produces optimum work quality. Operated from the tractor seat EasyShift on the move depth control allows the operator to select exactly the right depth as conditions change. EasyShift on the move depth control alters the depth at the front and at the rear simultaneously in a parallel motion without the use of distance clips on the hydraulic rams.

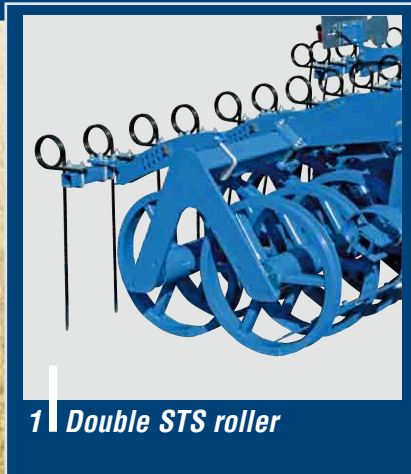
## 3 | Adjustable following harrow

To leave an optimal finish the VECTOR is equipped with a single row following harrow. The aggressiveness can be adjusted to suit field conditions achieving the desired finish. The following harrow works equally well on chopped straw and on ploughed ground.

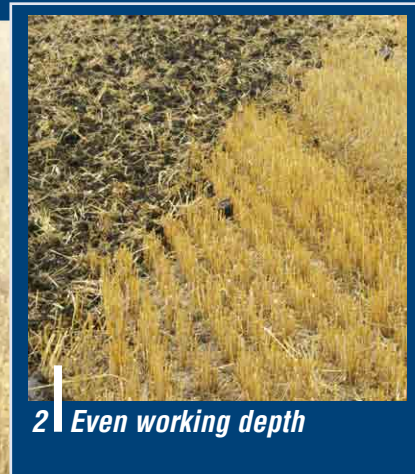
## 4 | Spring levellers

Just in front of the double STS roller is a row of spring levellers, which provide further levelling. These levellers are easy to adjust, are totally maintenance free and have low wear characteristics. A very simple, yet effective attachment.

## 5 | TopMix points



1 | Double STS roller



2 | Even working depth



3 | Adjustable following harrow

Optimum straw mixing: min till relies on thorough straw mixing for the best results. The harvest residues no longer are left on top and the right cultivation depth can be chosen to suit the following crops and the amount of straw. Compared to previous 4 bar cultivators the Vector leaves a much finer crumble and therefore the ideal germination conditions.



Optimum straw soil mixing



4 | Spring levers



5 | Topmix points

Technical data	<i>Vector</i>	
Working width	5.70m	8.00m
Transport width	3.00m	3.00m
N° of tines	21	29
Tine spacing	27cm	27cm
Tine spacing	min. 260HP	min. 330HP
Weight	6880kg	8450kg
Length	9.20m	9.20m
Rahmenhöhe	85cm	85cm
Tine bar spacing	70cm	70cm
Tine types	TopMix with 80mm point and 350mm wing or 320mm goose foot	
Levellers	Spring levellers, height adjustable with telescopic outer sections which bring back into the machine, escaping clods, one row of massive cross boards in front of the STS roller	
Roller	Double STS roller 530mm	
Lights	Standard	Standard
Options	13mm following harrow, hillside disc, pneumatic small seed drill	



We have developed the TopMix points to give a top quality mixing effect. The soil guide rolls the soil and straw thus mixing these two elements thoroughly.

The TopMix point is made using three parts.

- The replaceable point 80mm wide for deep working.
- The TopMix goose foot point 320mm as an alternative to the replaceable point for very shallow working
- The wing, which is bolted on from the rear and works in combination with the 80mm replaceable point for shallow working
- The soil guide (turning left and right) aids the mixing of straw and soil.

With shallow stubble working the volunteers germinate. Deeper working loosens the ground and provides more soil for the mixing process in heavy straw conditions. With the choice of points available the best combination can be selected for every condition.



**TopMix goose foot point**



### **Air or Hydraulic brakes**

Machines that weigh more than 3000kg on the transport axle require brakes. Both air or hydraulic brakes are available but hydraulic is standard in UK.



### **Patented EasyShift depth control**

With the EasyShift depth control the working depth can be adjusted from the tractor seat.



### **Vector 800 stubble working**

Vector stubble cultivator produces the ideal finish thoroughly mixing large quantities of straw. The double STS roller reconsolidates to give good weed seed and volunteers to soil contact.

KÖCKERLING reserve the right to make technical changes and further product developments.

Your Dealer

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