

### **Precision Cultivator /Vario**



# **PC/Vario** - The 8 Bar One pass Cultivator for maximum working results

The Precision Cultivator is the flagship of the Kockerling range using the on the move depth control, meaning it is the machine for professional arable farmers and contractors. With a working length of 8m and a tine spacing of 130mm, the quality of work is unbeatable. Soil and straw is moved many meters, through the machine producing optimum mix of soil and straw leaving even distribution,

The heavy leaf spring tines are unaffected by even the harshest of conditions and are maintenance free, and because of there design will penetrate into even the toughest of soil conditions. There are 3 point options ; BTEC tungsten, 100mm and 60 mm and the point is chosen depending on working depth needed.









#### **Seedbed Preparations**

The PC/Vario is used as a primary cultivator to achieve a true one pass finish, with the unique 8 rows of working tines insures all soil is moved, heavy trash residue is mixed in, and a level finish left, suitable for the drill to follow on behind.

#### **Optimum trash and soil mixing**

With the 8 rows of working tines and a high under beam clearance ensures even the trashiest of stubbles can be worked in, with minimal risks of blockages, because of the high number of tines a superb mixing of trash and soil can take place, and create the boiling effect needed to mix all the trash in.

#### Hydraulic depth control

The PC/Vario is equipped with the easy shift on the move depth control, this produces optimum working efficiency, operated from the tractor seat the operator can select the exact working depth required as the conditions change. without loosing time getting out and playing around with spacers and pins.

It alters the depth using the front depth wheels and the rear STS roller insuring the machine is kept perfectly level from front to back.

working depth is from 5-15CM.



## **Indispensable Features**









#### **Point options**

There are 3 point options available for the cultivator from the 60mm deep working point which works down to 18cm. The 100mm point for shallow to medium depth cultivating insures all soil is moved. And the BTEC tungsten point design to last up to 4 times longer than ordinary points. All points are held on using two counter sunk bolt fixings which insures that the bolts can be reused several times, reducing running costs of the machine.

#### **Robust Leg Design**

The strong spring tine ensures that even with the hardest of soil conditions the tine will penetrate the ground and do the job required. A shear bolt on the leg will prevent damage on the spring if the leg is subject to extreme force.

#### **Double STS roller**

The machine comes standard with the 530mm double STS roller. The U shaped profile of the ring is designed to fill up with soil whilst working, which enables soil to soil contact which creates more friction which allows the roller to keep on turning even in the wettest conditions. The rings are also self cleaning, on top of this the STS roller levels and consolidates the soil leaving a firm and level surface.

#### **Adjustable Following Harrow**

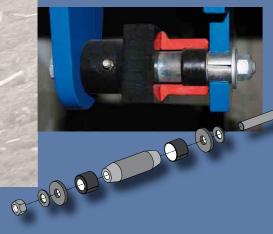
The 13mm following harrow tine can be used to help spread heavy crop residue, as well as the option of either leaving a level surface ready for drilling or lifting up out the way which leaves the surface ideal for weathering to take place.

# Vario

## Technical Data

ransport Width  3,00 m  3,00 m  3,00 m  3,00 m  3,00 m  3,00 m    Number Of Tines  23  31  37  43  57    ine Spacing  13 cm  13 cm  13 cm  13 cm  13 cm    Iachine Weight  4450 kg  5910 kg  6880 kg  7210 kg  10020 kg    Iachine Length  9,00 m  9,00 m  9,00 m  9,00 m  10,00 m    oller  530mm Double STS roller		- H.	a a	D/117		
Number Of Tines2331374357ine Spacing13 cm13 cm13 cm13 cm13 cmMachine Weight4450 kg5910 kg6880 kg7210 kg10020 kgMachine Length9,00 m9,00 m9,00 m9,00 m10,00 moller530mm Double STS roller530mm Double STS roller5000 m13 mmOptionsFollowing Harrow, Lights, Air/Hydraulic brakes13 mm13 mm13 mm	Working Width	3,00 m	4,00 m	4,80 m	5,70 m	7,50 m
ine Spacing13 cm13 cm13 cm13 cmIachine Weight4450 kg5910 kg6880 kg7210 kg10020 kgIachine Length9,00 m9,00 m9,00 m9,00 m10,00 moller530mm Double STS roller530mm Double STS roller530mm Double STS rollerOptionsFollowing Harrow, Lights, Air/Hydraulic brakesollowing Harrow Tine13 mm13 mm13 mm13 mm	Transport Width	3,00 m	3,00 m	3,00 m	3,00 m	3,00 m
Machine Weight4450 kg5910 kg6880 kg7210 kg10020 kgMachine Length9,00 m9,00 m9,00 m9,00 m10,00 moller530mm Double STS roller530mm Double STS rolleroptionsFollowing Harrow, Lights, Air/Hydraulic brakesollowing Harrow Tine13 mm13 mm13 mm	Number Of Tines	23	31	37	43	57
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ollowing Harrow Tine 13 mm 13 mm 13 mm 13 mm	Roller	530mm Double STS roller				
	Options	Following Harrow, Lights, Air/Hydraulic brakes				
IP Requirement 160 HP 180 HP 240 HP 260 HP 400 HP	Following Harrow Tine	13 mm	13 mm	13 mm	13 mm	13 mm
	HP Requirement	160 HP	180 HP	240 HP	260 HP	400 HP





At every major pivot and fastening point a lock pin is used. The Principle:

An axle replaces conventional pins. On the tapered end of the axle a quality cone is inserted. By means of a screw the sleeves and axles are locked in the frame

- ADVANTAGES: Lockpin ensures a firm connection at pivot points
  - No deformation of slots
  - No wear on attachment
  - No wear and tear on the machine
  - **30% increase in machine working life**









#### Exact depth control

The operator can make the finest of adjustments using the scale on the front depth rams,unlike other machines on the market where you can never get the perfect working depth with the PC/Vario you are in control insuring you are working at the optimum depth, doing the best job possible.

#### Air /Hydraulic brakes

Ensures Safe and easy road transport complying with all current road traffic regulations

#### **Telescopic Drawbar**

The telescopic drawbar allows for maximum maneuverability on all tractors, insuring the same turning radius, even if tractor is fitted with duels

#### **Robust Construction**

All Kockerling machines are made from high quality long lasting materials and produced using hot drawn welded box section ensuring maximum strength in the frame.

### **QUALITY Is Important To Us**.



#### Your Importer :

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