

KÖCKERLING

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

Working Width	3,00 m	4,00 m	4,80 m	5,70 m	7,50 m
Transport Width	3,00 m	3,00 m	3,00 m	3,00 m	3,00 m
Number Of Tines	23	31	37	43	57
Tine Spacing	13 cm	13 cm	13 cm	13 cm	13 cm
Machine Weight	4450 kg	5910 kg	6880 kg	7210 kg	10020 kg
Machine Length	9,00 m	9,00 m	9,00 m	9,00 m	10,00 m
Roller	530mm Double STS roller				
Options	Following Harrow, Lights, Air/Hydraulic brakes				
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

IMPORTANT: Mounting Technology Lockpin “



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 .



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