

KÖCKERLING

High precision min-till drilling

Ultima CS



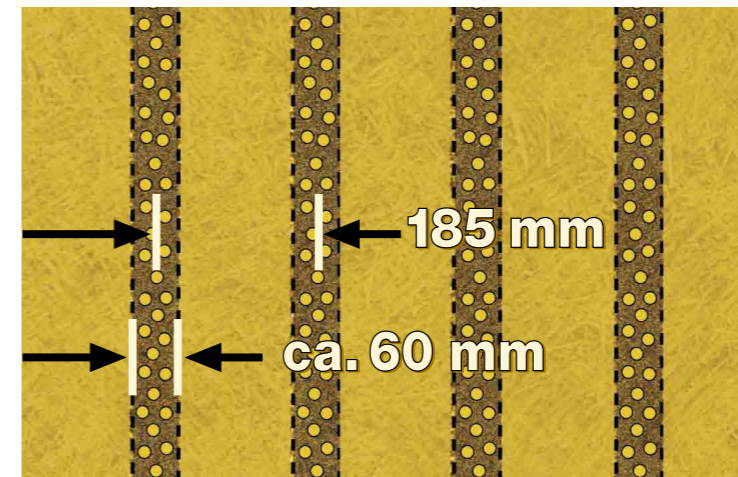
Ultima CS

The Universal drill

The Universal drill for professional farmers

The Universal drill ULTIMA CS produced by KÖCKERLING is known for high performance in all conditions. For many years the ULTIMA CS drill has been used by professional farmers sowing cereals, rape, beans, peas

or maize. Excellent yields and low operating costs make this drill suitable over all. The ULTIMA is a compact, high output drill with working widths of 3.00 m, 4.00 m and 6.00 m.

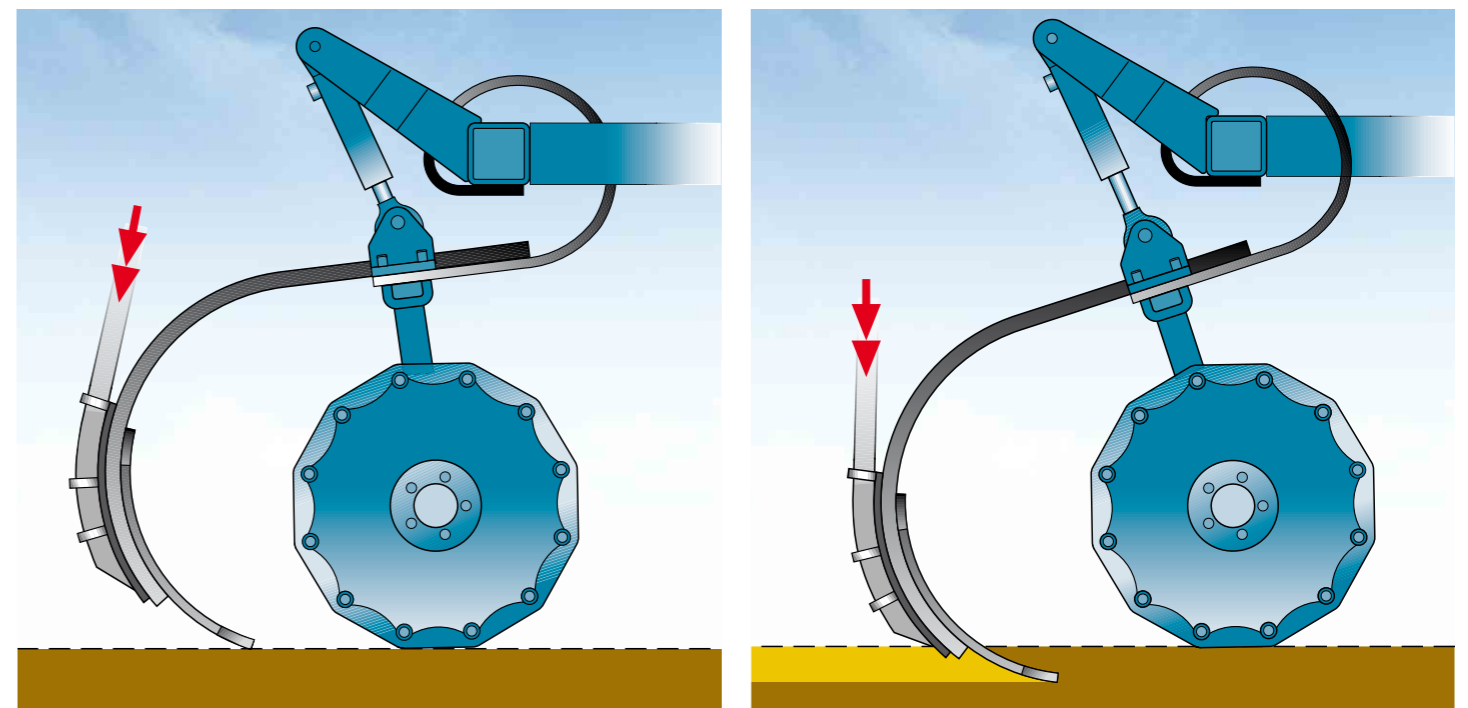


Optium row spacing

The seed is placed in 60 mm rows. Band spacing is 175 - 180 mm depending on model. The seed spacing allows each plant its own space and nutrition leading to a healthier plant. The point pressure of more than 200kg produces a constant sowing depth. This is particularly important whether sowing shallow to rape or deep beans and peas.

Sowing depth adjustment

The single acting hydraulic ram on the sowing element gives sowing depth adjustment while at the same time acting as a shock absorber against stones. The hydraulic cylinders protect the drill frame eliminating bounce even at high drilling speeds. The picture shows the hydraulic in shallow and deep work.





Best performance...



The ULTIMA sowing system



The pre-press roller first presses the soil, the point opens a drill and the seed is placed onto firm ground. The leveller placed in front of the STS roller covers the seed and levels the soil before it is re-consolidated by the STS roller.



STS Roller and following harrow

The practical STS roller is now used on most cultivators and drills made by KÖCKERLING. The stability at the rear of the drill is guaranteed by the STS roller. The open "U" profile of the steel ring fills with soil and the friction between the soil in the ring and the soil in the field keeps the roller turning. The "soil to soil" contact allows the STS roller to keep working in wet conditions. The "U" ring spacing coincides with the spring tine positions and the packer effect of each ring on the sown seed improves germination. The spring loaded following harrow gives a further levelling and seed covering.



Transport wheels

Transport wheels are completely lifted while working.

2800/3300 ltr Seed Hopper

The seed tank has a volume of 2800 ltr (ULTIMA CS 300 and CS 400) or 3300 ltr (ULTIMA CS 600). The large dimensioned pneumatic metering mechanism works precisely even at high working speeds. The fan is driven by a hydraulic PTO pump. Standard equipment is speed monitor, tramlines, hectare meter and tank level indicator.



Ultima CS 3,00 m / 4,00 m
Seed tank 2.800 ltr.



Markers

The robust markers have an aggressive toothed marker disc that leaves a clear mark even in a mulch seed bed. The working angle of the marker is adjustable to suit individual conditions.

Hydraulic Cross Board

The hydraulic cross board levellers take out wheelings whether on ploughed ground or on a mulch seed bed. At the same time increasing the stability of the machine at the front and improving easy working.





Monitoring system for blocked seed hoses



Heavy duty steering disc



Pre-emergence markers



Ultima CS

Technical data

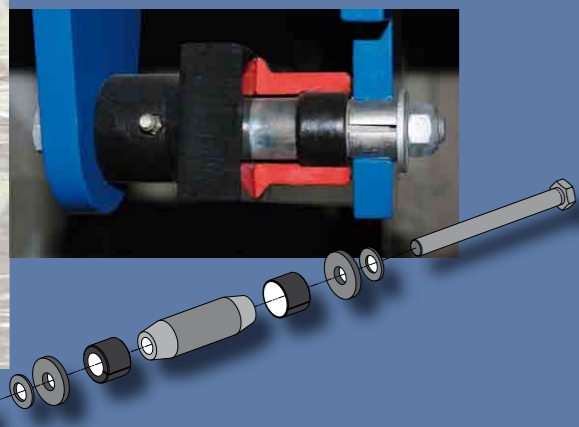
Working width	3,00 m	4,00 m	6,00 m
Transport width	3,00 m	3,00 m	3,00 m
Sowing elements	16	22	32
Row spacing	185 mm	185 mm	185 mm
Row width	60 mm	60 mm	60 mm
Tank Capacity	2800 ltr	2800 ltr	3300 ltr
Power requirement	140 HP	160 HP	220 HP
Weight	4570 kg	5720 kg	9000 kg
Standard equipment	Hydraulic Levelboards radar sensor fan drive by p.t.o.-shaft steps warning lights ha counter tramline markers STS roller 530 mm following harrow 13 mm Isobus-compatibility		
Options	Electrical seedrate adjustment Pre-emergence markers Hydraulic brakes Heavy duty steering disc		

URGENT: Fastening „LockPin“

LockPin is a permanent solution for mechanical pivots. Equally effective and reliable in agricultural machinery. Pivots will begin to wear in all machinery and equipment. Even with close original tolerances, the holes in the lugs will become oval over time. The wear process will accelerate.

When the fasteners are tightened, the slitted sleeves are pushed down over the tapered ends of the axle, expanding parallelly to lock the LockPin in the pivot.

With the LockPin in your machinery pivots the problem of wear belongs to the history books. The wear problem is eliminated. Double sided locking increases stability and safety. Fitting and dismantling is simple.



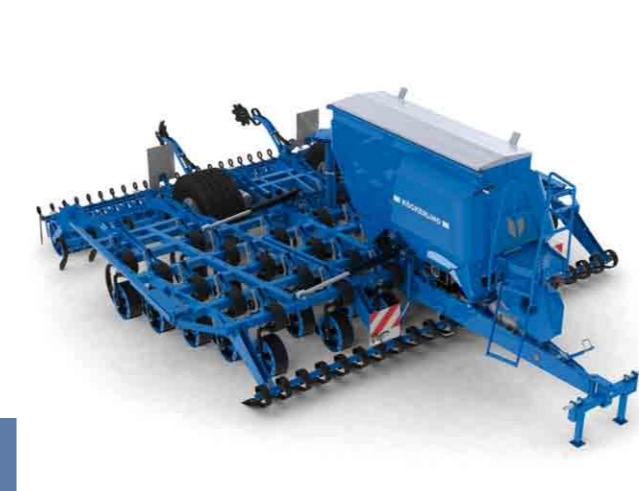
Ultima CS 300



Ultima CS 400



Ultima CS 600



Excellent emergence with strong and uniform crop establishment.



1092 UltimaCS 0512 GB
KÖCKERLING retain the right to make product improvements.

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