

# **KÖCKERLING**

*Rebell profiline*



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## The Large Disc Harrow For Maximum Results

- The optimum insertion of big quantities of straw during the stubble processing using 620mm discs. In addition the REBELL provides excellent re-consolidation and favours a quick germination of weeds and volunteers.
- Various possible applications. The REBELL achieves not only an efficient stubble cultivation, but also seed bed preparation after ploughing and also incorporating cover crops in the spring.
- The solid construction of this machine. The high weight of this machine of more than 8000kg makes penetration of the discs possible in even the toughest of soil conditions, meaning all the trash is mixed in evenly regardless of the conditions the machine is working in.
- maintenance costs. All hinged points of the REBELL are equipped with the lockpin-system preventing excessive wear of pin holes. The discs are suspended with triple sealed, maintenance free two row tapered roller bearings





### Why The REBELL

- Little susceptibility to damage.
- High Working speed means more acres covered
- Optimum penetration into the soil through the discs construction, of angle and single disc arm mount.
- Best re-consolidation with the new 620mm doubles STS roller
- Hydraulic Easy Shift depth control on the move so no loss of time playing with spacers and pins to get correct depth.
- No grease points on discs means less down time for maintenance



### Applications

- Incorporation of difficult stubble residue, such as maize, all straw stubbles, bean stubble and green cover crops.
- Incorporation of slurry and manure
- Rapid shallow stubble cultivation enables fast weed and volunteer chit.
- Deep cultivation also possible to take out compaction and wheelings ideal for potato ground, sugar beet ground, and maize ground.



## Indispensable Features



### Stable Discs

The REBELL is equipped with toothed discs, with a diameter of 620mm. The domed disc has a cutting angle of 17 degrees, and a low handle of 21 degrees. The discs allow for a maximum working depth of 20cm. Other features include changing pitch of discs front to back so that when the front disc are wearing they can be angled down as to ensure they are working at the same depth as the rear discs.



### Disc Spacing

Disc spacing of 15cm coupled with the large 620mm diameter disc mounted on individual strong leaf springs means the REBELL can deal with even the trashiest of stubbles with out the risk of blockages.

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## Technical Data

Working width	5,00 m	6,00 m	8,00 m
Diameter of disc	620 mm	620 mm	620 mm
Disc spacing	150 mm	150 mm	150 mm
Number of disc	32	40	52
Weight	7.960 kg	8.840 kg	10.230 kg
HP requirement	min. 220 HP	min. 250 HP	min. 300 HP
Transport width	2,99 m	2,99 m	2,99 m
Transport height	3,20 m	3,70 m	3,99 m
Roller	Double STS roller 620mm		
Wheels	600/55-22,5	600/55-22,5	560/60-22,5

### IMPORTANT Mounting Technology „LockPin“



At every major pivot and fastening point a Lockpin 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 the attachment
- attachment is fixed on both sides
- increases machine life by 30%



#### Easy Shift depth control

On the move depth control puts the operator in charge insuring he is working at the exact depth required and not having to compromise, resulting in the best possible results. Also means that in fields where soil types vary you can adjust the depth accordingly insuring again best possible job is being carried out. simple to operate don't need to lose time keep getting out playing around with spacers and pins only to find correct depth can not be achieved therefore compromising on finish

#### Easy Shift it's that simple



#### 620MM Double STS Roller

The new 620mm Double STS Roller taking leveling and consolidation to the next level. using the tried and tested U shaped profile ring but now in a larger format , the principles remain the same, the ring fills with soil, which enable soil to soil contact which in turn creates more friction which keeps the roller turning even in the wettest of conditions. On top of this with no metal in contact with the ground wear of the ring is dramatically reduced, leading to a long working life and reducing operational costs. Roller also is pretty much maintenance free just requiring a couple of pumps of grease every 50hrs, again reducing down time leading to a very productive cost effective working machine.

#### Brakes and Strong Transport Axle

The REBELL comes with the choice of air/hyd brakes and because it has a dedicated road transport axle, means that road transport is safe and also with the large transport wheels means travelling long distances are not a problem, ideal for the modern farm with lots of road transport needed.



*Quality is important to us*



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KÖCKERLING behält sich technische Änderungen, die der Weiterentwicklung dienen, vor.

**Your Importer**

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