

# Orkan

Short disc combination



*... is mixing  
up your soil.*

**Regent**

# Orkan



## Example for good straw management, mulch seeding and minimal soil tillage

There were the normal cultivators reach their limits, the Orkan provide an intensive mixing of the soil also under difficult conditions.

Especially at a low working depth from 3 to 12 cm, the whirlwind from Regent shows its power. In contrast to rigid tools, at the Orkan, big rotating concave discs and the open frame construction with big spaces, are responsible for a work without blockages.

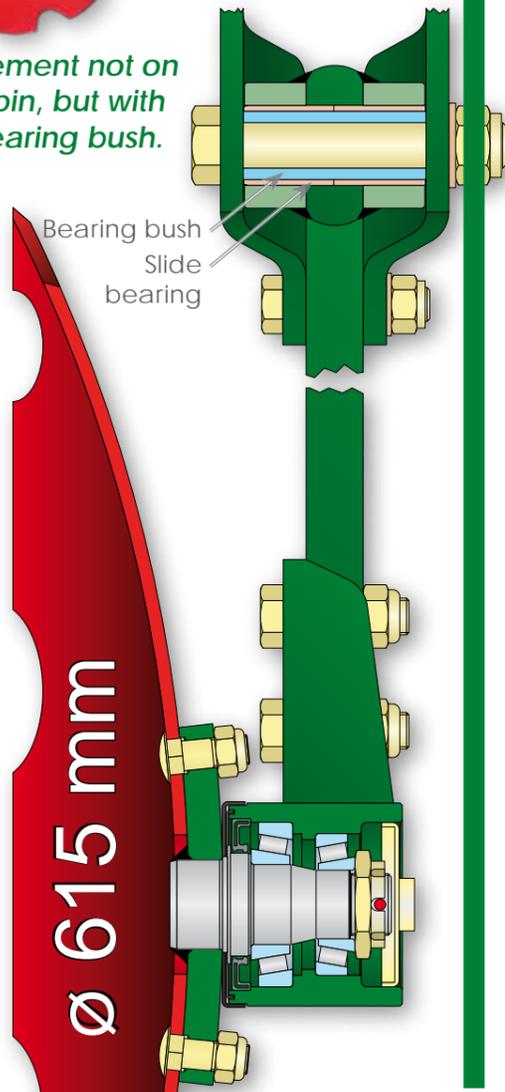


### Advantages of the Orkan power harrow

- Compact construction
- Big ground clearance of 80cm
- Strong frame construction of two bars and square tubing of 100x100mm.
- Serially with stable pocket hitch
- Good pull in performance by an optimal angle of the discs
- Easy to pull and big scalloped concave discs with 615 x 6 mm diameter.
- Intensive mixing of residues and soil even at shallow working depth.
- No blocking because of rotating tools
- Big area performance because of high working speed.
- The block clapping (as of 4 m) ensures safe transport despite bigger working widths.
- Work is also possible transport position
- Through the mounted waggon a considerable transport is enabled for the tractor.
- Transport width 3 m (Transport width for Orkan 4000 and 4500 2,55 m)



Movement not on the pin, but with a bearing bush.

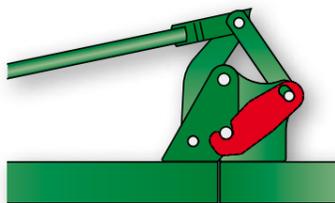
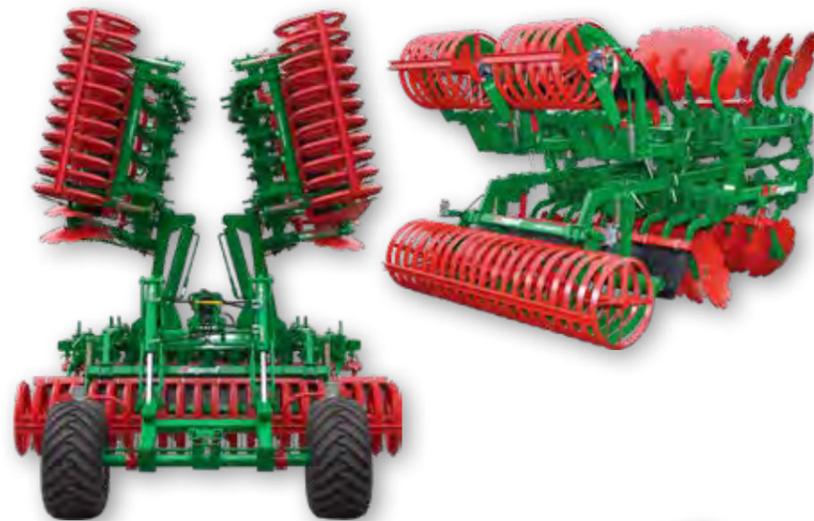


## Safe function and high stability, result in a high area performance

- Permanent lubrication
- No maintenance
- High tensile taper roller bearings
- Castle nut saved against torsion
- Easy moving with very little wear.
- Special sealing against dirt and moisture

### Overload safety device

- Single sprung disc elements are protecting against damages
- Spring loaded elements are responsible for an even and flat working depth.
- Optimal guidance of the beam because of tension on the disc elements
- Stabilising the units sideways with pressed guidance plates
- Big clearance above, unit can move upwards



### interlocking fixing system

- All hydraulic foldable power harrows are equipped with an interlocking fixing system.
- This fixing system prevents outer sections from coming up in working position.
- The machine is rigid over the whole width.

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### Border put in discs

- Notched border put in disc (1 + 2) enables an optimal connection – also for the seedbed preparation (optionally)



### Guide plate & guide rubber beam

- The new guide plate 3 and the guide rubber beam 4 (as option) ensure an even better straw management.
- The essential advantage of these new beams is the better straw deposition between the first and second disc row.
- The crop residues (maize etc.) are always put down under the after run roller tiller.



### Ring roller with knives

- Very good pressing effect, therefore optimal conditions for fallen out seed and weeds to germinate
- Good crumbling and cleaning of the roller, because of the knives between the rings.
- No blocking, big diameter 600mm
- Very suitable for mulching seed



### Double roller – system Combi-Mix

- Very good mixing effect by combination of crumbler roller and the flat ring roller
- Different diameter of both rollers (in the front ø 450 mm and in the back ø 400 mm)
- Counter-rotating direction of the bar of the front and back roller
- Exact depth guide and solidification through double supporting surface and pendulum mounting



### Hydraulic depth adjustment

- Variably modification of the working depth during the run through locking block system
- The depth adjustment is additionally able to modify without tool kit through punched grid

| <b>Orkan</b> | working width cm | amount of discs | diameter of discs mm | distance of lines | transport width cm | frame height cm | hydr. folding | weight without roller kg | weight with double roller tiller kg | weight with ring roller kg |
|--------------|------------------|-----------------|----------------------|-------------------|--------------------|-----------------|---------------|--------------------------|-------------------------------------|----------------------------|
| 2500         | 250              | 20              | 615                  | 12                | 250                | 80              | ×             | 1100                     | 1460                                | 1520                       |
| 3000         | 300              | 24              | 615                  | 12                | 300                | 80              | ×             | 1300                     | 1711                                | 1780                       |
| 3500         | 350              | 28              | 615                  | 12                | 350                | 80              | ×             | 1580                     | ×                                   | 2140                       |
| 4000         | 400              | 32              | 615                  | 12                | 255                | 80              | ✓             | 2260                     | 2810                                | 2900                       |
| 4500         | 450              | 36              | 615                  | 12                | 255                | 80              | ✓             | 2360                     | 3010                                | 3080                       |
| 5000         | 500              | 40              | 615                  | 12                | 300                | 80              | ✓             | 2560                     | 3290                                | 3360                       |
| 5500         | 550              | 44              | 615                  | 12                | 300                | 80              | ✓             | 2850                     | 3660                                | 3730                       |
| 6000         | 600              | 48              | 615                  | 12                | 300                | 80              | ✓             | 3150                     | 4060                                | 4110                       |



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