

CORVUS PKE

RABE TECHNOLOGY

POWER HARROWS RABE TECHNOLOGY

Corvus PKE | Corvus PKE K



**GRÉGOIRE
BESSON**



FOR TRACTORS FROM 85 TO 230 HP

Corvus PKE

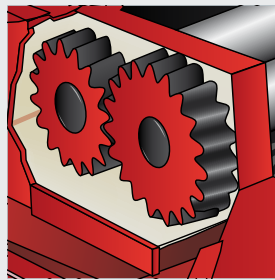
Power harrows Rabe Technology

CORVUS PKE and PKE K

Due to its external development, and in particular through the take-over of the Rabewerk German company, Grégoire-Besson has completed its range of products with power harrows. These power harrows benefit from the German know-how and experience, allowing Grégoire-Besson to offer a performant, enduring and proven range of machines.



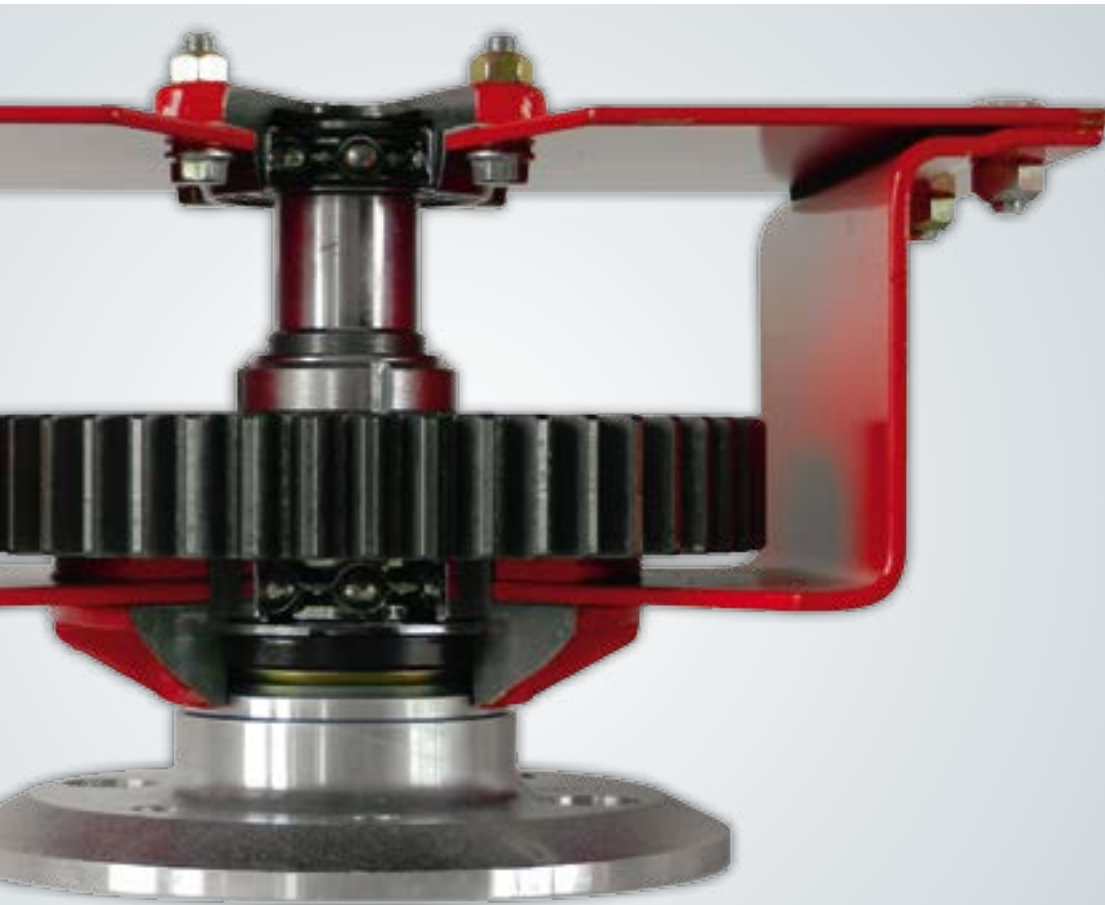
- High-positioned reinforced driving system, appropriate to strong-powered tractors (no mechanical stress on the cardan during work)
- Rear PTO is optionally available



- Robust driving system for HP requirement up to 230 HP
- Interchangeable pinions for rotating variation



- Assembly with double flat ball bearings, mounted on a shaft D. 55 mm --> No deformation problem
- Ball bearings are positioned on the frame structure



- Reinforced assembly with ball bearings fitted at the rotor extremities (2 bearings of same diameter) --> Driving gear placed between the bearings (spacing of 13,5 cm) --> It offers more rigidity when hitting obstacles, and avoids lateral forces
- Rigid shaft of 55 mm diameter



- Gear housing in cold-worked steel for more resistance and rigidity
- Thickness 6 mm
- Groove for seal placement



4 rotors per meter

- Wearing part optimization
- Good clod breaking, particularly in difficult conditions
- Overlapping of the working elements for a homogeneous soil preparation
- Less HP power requirement for the same result
- Perfect levelling
- Machine overall dimensions = worked width

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Efficiency, versatility and performance

The power harrows PKE and PKE K (foldable) are available in 2,50 to 6,00 m working width. They are ideal for soil preparation after ploughing and for seeding on pre-loosened soils. The PKE range is enduring thanks to its gear housing in cold-worked steel, 6 mm thick.

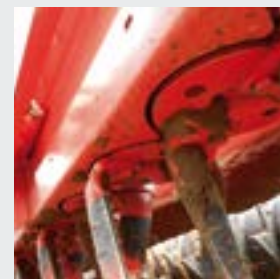
THE WHOLE volume of earth passes through the tines, which ensures a homogeneous finish.



- Lower link hitch cat. II & III
- Depth adjustment of the hitch positions



- Track eradicators, with spring-loaded protection
- Side plates with two positions work / transport (real working width = 3,00 m)
- Suspended machine (stone protection springs)



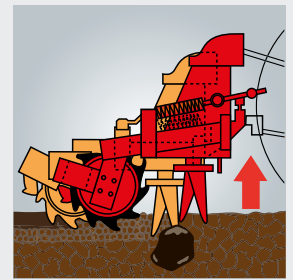
- Wrap around protection bar at front (option)
- No stone jamming under the gear housing
- Efficient protection of bearings
- The volume of earth is obliged to pass through the rotors



- Rear clod bar, adjustable by means of spindle (option)
- Curved shape, to make the earth evacuation easier



- Rear three-point linkage reinforced with single-acting central ram (option)
- Multi-position arms, with height and depth adjustment
- High lift capacity (over 2 Tonnes) on the whole ram stroke



Suspended gear housing

The stone protection spring operates as a safety device against obstacles (option).

- When tripping, the gear housing releases, taking support on the roller

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



A large and full range

CORVUS PKE

This range is appropriate for tractors from 80 to 230 HP, and the assembly of 4 rotors per meter meets requirements concerning output and working quality.



Technical specifications

|  |  |  |  | KG |
|---|---|---|---|------|
| CORVUS PKE (FIXED) | | | | |
| 2,50 | 2,50 | 4 | 230 | 950 |
| 3,00 | 3,00 | | | 1050 |
| 3,50 | 3,50 | | | 1220 |
| 4,00 | 4,00 | | | 1380 |
| CORVUS PKE K (CAN BE FOLDED) | | | | |
| 4,00 | 2,50 | 4 | 250 | 1900 |
| 4,50 | | | | 2050 |
| 5,00 | | | | 2200 |
| 6,00 | | | | 2540 |

ROLLERS

Large choice in the rollers to equip the Gregoire-Besson power harrows.

Packer roller, Gregoire-Besson know-how

- Precision steel tube (no roundness imperfection)
- Rows of packer tines, with a spacing of 125 mm --> High seeding precision
- The packer tines are treated and welded on both sides of the roller

| | PKE | | | | PKE K | | | |
|--------------------------------------|-----|---|-----|---|-------|-----|---|---|
| | 2,5 | 3 | 3,5 | 4 | 4 | 4,5 | 5 | 6 |
| Crumbler roller D. 540 | ● | ● | ● | ● | ● | ● | ● | ● |
| Packer roller D. 510 | ● | ● | ● | ● | ● | ● | ● | ● |
| Mulch packer D. 500 | - | ● | - | - | - | - | - | ● |
| Furrow packer RIPA D. 580 | ● | ● | ● | ● | ● | ● | ● | ● |

● : Available / - : Not available

Packer roller



Crumbler roller



Furrow packer RIPA



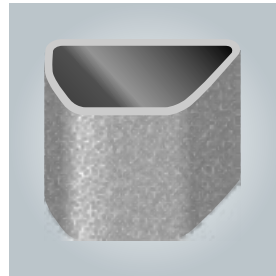
TINES AND TINE-HOLDERS



Bolted tines (standard). Multi-Fix version adaptable.

- Multi-Fix support can be bolted on the tine-holder
- Multi-Fix tines, with Quick-Change fittings (option)
- Tine fixation by means of axles and pins
- The tine is entirely blocked in its support

RABID HARD COATING



RABID hard coating : Gregoire-Besson exclusivity

- Long-lasting improved (up to 3 times longer) than a normal tine
- Solid binding of hard coating on base material
- Coating thickness = 2 mm
- Regular and homogeneous treatment on all the surface
- No additional tractor power is required.



A l'épreuve du temps

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