

CORVUS VKE

RABE TECHNOLOGY

POWER HARROWS RABE TECHNOLOGY

Corvus VKE | Corvus VKE K



GRÉGOIRE
BESSON



FOR TRACTORS FROM 100 TO 350 HP

Corvus VKE

Power harrows Rabe Technology

CORVUS VKE and VKE 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 as standard equipment
- Interchangeable pinions on VKE
- 3-speed gear box on VKE K



Driving system through helical pinions

- For tractor powers up to 350 HP
 - More contact surface area between pinions
 - Pinions are always in touch: better torque output
 - Smoother driving --> less vibrations, less noises
 - Industrial type assembly



Mounting with double taper rollers

- Resistant to stones
- No deformation problem



- Reinforced assembly with gear teeth at shaft end and on pinion, to let a maximum of power come through
- Single system and high technology

One-piece gear housing (tube)

- 8mm thick
- Rigidity and robustness



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

CORVUS VKE and VKE K

The power harrows VKE and VKE K (foldable) are available in 3,00 to 8,00m working width. They are ideal for soil preparation after ploughing and for seeding on pre-loosened soils. The VKE range is ultra enduring thanks to its one-piece gear housing (8mm thick) and driving system through helical pinions. **THE WHOLE volume of earth passes through the tines, which ensures a homogeneous finish.**



- Lower link hitch cat. III
- Depth adjustment of the hitch positions (on VKE only)



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



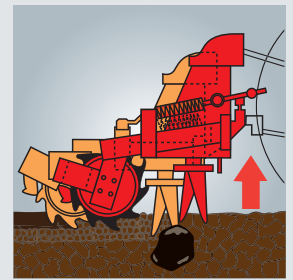
- Wrap around protection bar at front (option)
- No stone jamming under the gear housing
- Efficient protection of bearings
- The volume of earth is obliged to pass through the rotors



- 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 VKE

This range is appropriate to the strongest tractor powers, and the assembly of **4 rotors per meter** meets requirements concerning output and working quality.



Technical specifications

			 max.	KG
CORVUS VKE (FIXED)				
3.00	3.00	4	280	1200
4.00	4.00			1600
CORVUS VKE K (CAN BE FOLDED)				
4.00	> 3m	4	380	2150
4.50				2300
5.00				2500
6.00				2850
8.00				3600

ROLLERS

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

Packer roller, Grégoire-Besson know-how:

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

	VKE		VKE K				
	3	4	4	4.5	5	6	8
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

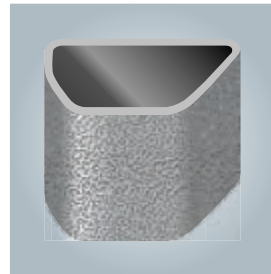
TINES AND TINE-HOLDERS



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: Grégoire-Besson exclusivity

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



A l'épreuve du temps

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