



STUBBLE CULTIVATION

Compact-Harrows | Disc-Harrows | Disc-Tine-Combinations | Subsoiler



The entire range at a glance.

TABLE OF CONTENT.

RABE – Machines for stubble cultivation	Page 03
RABE – A strong Brand	Page 04 05
FIELDBIRD	
GENERAL DESCRIPTION	Page 06 07
FIELDBIRD FIELDBIRD K	Page 08 09
FIELDBIRD KA	Page 10 11
PARTS AND ACCESSORIES	Page 12
BLACKBIRD	
BLACKBIRD X	Page 14
PARTS AND ACCESSORIES	Page 15
BLUEBIRD GH	
BLUEBIRD GH	Page 16
PARTS AND ACCESSORIES	Page 17
BLUEBIRD GR	
BLUEBIRD GR	Page 18
PARTS AND ACCESSORIES	Page 19
COMBI DIGGER	
COMBI DIGGER CD COMBI DIGGER LM COMBI DIGGER NT 900	Page 22 - 24
DIGGER	
DIGGER NT 900 DIGGER LM DIGGER LM K	Page 25 26
RABE Product Portfolio	Page 28
RABE Service and Genuine Parts	Page 29

RABE MACHINES FOR STUBBLE CULTIVATION.

Solutions for all requirements.

Today's farmers are facing new tasks: the ever-changing requirements and circumstances in the areas of environment, economy and finance. To ensure the successful pursuit of his farm the farmer has got to have a good technical understanding and knowledge of the various tillage practices. Regardless of the harvested culture the stubble cultivation is the foundation for a healthy and bountiful harvest in the next year.



FIELD BIRD

Compact harrow with independently suspended discs (460 - 560 mm) for tractors from 50 hp.

» See more on page 6



BLACK BIRD

Disc harrows with central beam for tractors from 310 hp.

» See more on page 13



BLUE BIRD

Cultivator mounted and semi-mounted for tractors from 80 hp.

» See more on page 15



COMBI DIGGER

Subsoilers can be used solo or combined with a rotary harrow for tractors from 120 hp.

» See more on page 17



DIGGER

Subsoilers for tractors from 125 hp.

» See more on page 20

Passion for excellence.

RABE – A STRONG BRAND.

Committed and focused on today's and tomorrow's customers.

"VISION CREATES FUTURE" – our pedigree of more than 130 years of experience in developing and manufacturing highly innovative technologies for tillage and seeding operations in Bad Essen provides the foundation for a successful partnership with our most demanding customers today and tomorrow. It's our relentless goal to deliver the most modern solutions to make your business more profitable than ever before in any step of your tillage, seeding and fertilizing operations.

"VISION CREATES FUTURE" is our motivation driver in any step of the delivery process, starting with the design, innovation and robustness of the products, the quality of production, the expertise in sales and service, the parts delivery and finally ending up at the overall commitment of our employees. A solid education and an ongoing training is therefore key.

And as a subsidiary of the ZOOMLION Group, RABE can count back on the experience and knowledge of a worldwide operating partner and leverage solution and technologies used on multiple product platforms throughout the world.

+ Most modern product development

State-of-the art development programs and computer aided design analysis support a fast overall design process, eliminate potential risks in the design before the first prototype has been build and therefore accelerate the entire process from testing a first prototype until releasing the product.

+ Comprehensive testing

All RABE developments undergo a stringent testing process that includes long term lab tests, testing at the factory and on-site field testing at selected customers to embrace all types of valuable input at a very early stage of the development.

+ Patented technologies

Patented technologies such as RABE CONIT and RABEDUR ensure most wear resistant parts produced, hardened and tempered in house in our own forge.

+ Precision work

Cutting sophisticated parts is done with a plasma gun faster and more accurate than anything else to make sure individual components fit together free of play for long life performance.

+ Most accurate robot welding

Special welding is done fully automatically by robots to deliver a consistent welding quality throughout the entire product range and completely independent from daily up and downturns.



+ State-of-the-art painting

A new paint facility seamlessly integrated into a continuous production flow guarantees a perfect paint finish. The 5 step process of washing, scouring, preheating, priming and coating tops off the quality of our products.

+ Investing into future employees

A comprehensive education and ongoing training is key at RABE. Delivering skills from one generation of employees to the next differentiates us from others and makes us better together.





+ Sharing information and know how

A continuous engagement between research and development, production, sales, customer support and quality management in Germany and France within the ZOOMLION Group provides the foundation to deliver highly productive and durable products and solutions that exactly match the needs of our most critical customers. Furthermore it proves the ongoing commitment of leveraging cost efficient synergies within the group in terms of line production of critical components to finally deliver products that last.



GENERAL DESCRIPTION.

Compact disc harrow with independently suspended discs.

Our FIELD BIRD was designed to combine working quality (5 to 12 cm of working depth) and high performance. Choose from a wide range to meet your expectations : mounted or semi-mounted, fixed or foldable frames.



- » Simplicity and precision of use thanks to the master / slave cylinders for the adjustment of working depth.
- » Option on mounted versions (fixed and foldable)

Bearings of roller and discs are maintenance-free.

Axle between discs and roller:

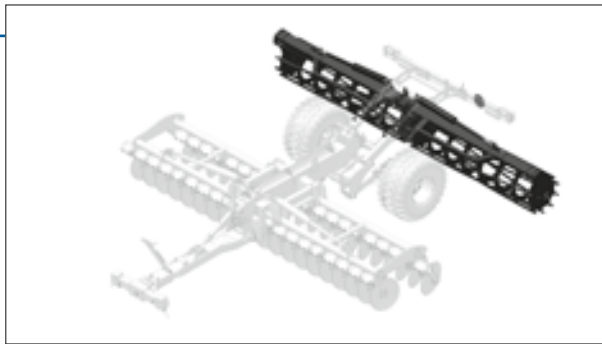
- » Best manoeuvrability
- » More stability in working position



- » Individual suspension for a precise guidance of the discs at high speed.
- » 15 cm suspension travel to allow bypassing stones and obstacles.
- » Heat-formed arm for more rigidity at work and precision at high speed.
- » Maintenance-free element.



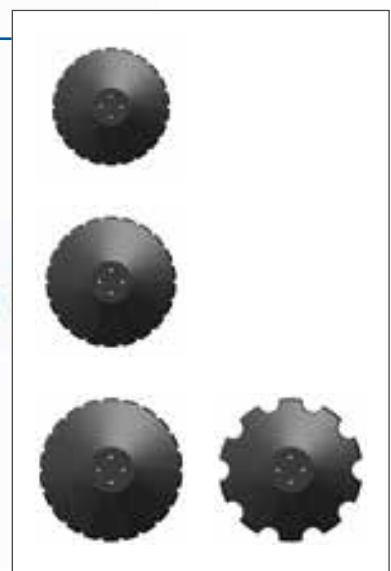
- » Disc distance of 250 mm.
- » Interlacing of disc rows can be repositioned when the discs begin to wear down.



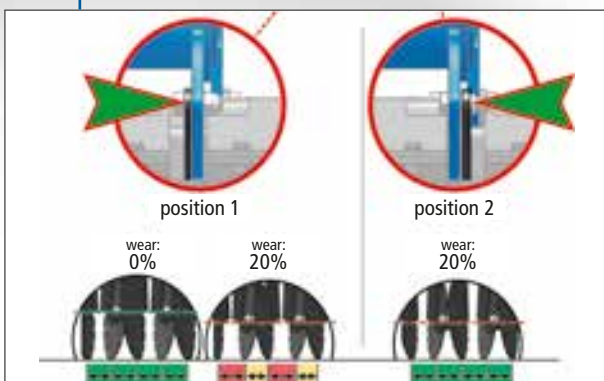
Wide choice of rollers for a suitable finish.



- » RABE Flex suspension of 4 elastomeric logs of natural rubber.
- » Hot-formed arm in our forges, profiled for a better passage in plant debris and to avoid the accumulation of earth.
- » Rigid and well balanced for a precisely controlled repositioning.



- Choice of diameter
- » 460 × 5 mm (optional)
 - » 510 × 5 mm
 - » 560 × 6 mm (optional)
 - » The flat profile of the discs supports the comminution of plant residues.
 - » Maintenance-free bearings.



Repositionable interlacing to ensure optimal stubble cultivation.

FILEDBIRD

MOUNTED RIGID FRAME FOR TRACTORS FROM 50 TO 210 HP.

**The FILEDBIRD F corresponds
to smaller parcelled agricultural structures.**

Its compact design gives it great manoeuvrability and very simple use. The mechanical or hydraulic (optional) adjustment of the roller ensures fast adaptability.

Standard equipment

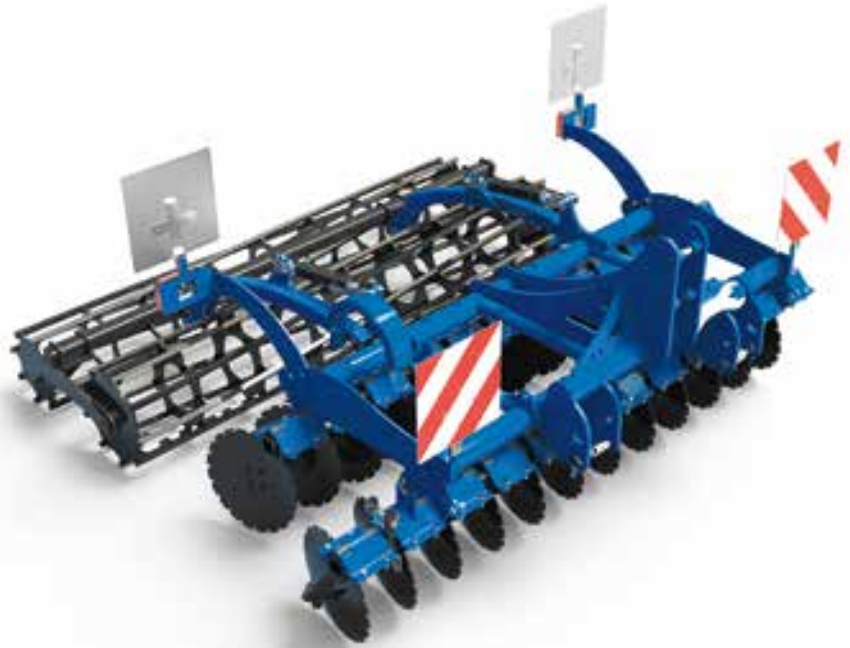
- » Cat. 3N or Cat. 3 hitch
- » Safety and Arms: RABE Flex
- » Discs: Two rows of disc-shaped and curved mulching discs Ø 510 mm
- » Disc bearing and maintenance-free roller

Rear equipment

- » Wide range of rollers (see p 12)

Options

- » Hydraulic adjustment of the rollers
- » Discs diameter 460 × 5 mm or 560 × 6 mm (Fine or coarse jagged)
- » Following straw harrow



Hitch category 3N and 3 for compatibility with all the tractors of the concerned power range.



Retractable discs for a transport width of 3.00 m.



Hydraulic depth adjustment from the cab using the master / slave cylinders (optional).

Technical characteristics	FILEDBIRD mounted rigid frame			
Machine	2500	3000	3500	4000
Number of discs	20	24	28	32
Diameter of disc/thickness (mm)	460/5, 510/5, 560/6			
Disc distance (mm)	250			
Type of machine	mounted rigid frame			
Working width (m)	2,50	3,00	3,50	4,00
Transport width (m)	2,50	3,00	3,80	4,30
Weight (kg)	1.400	1.650	1.900	2.150
Required tractor power (hp)	50	90	120	150

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

FOLDED VERSION FOR TRACTORS FROM 125 HP.

The FIELD BIRD is designed for medium-sized agricultural structures and simple use.

Its folding in 2 parts (width 2.50 m with transport) allows a great flexibility of use in everyday life to pass from one field to another. The mechanical or hydraulic (optional) setting of the roller ensures rapid adaptability to the terrain.

Standard equipment

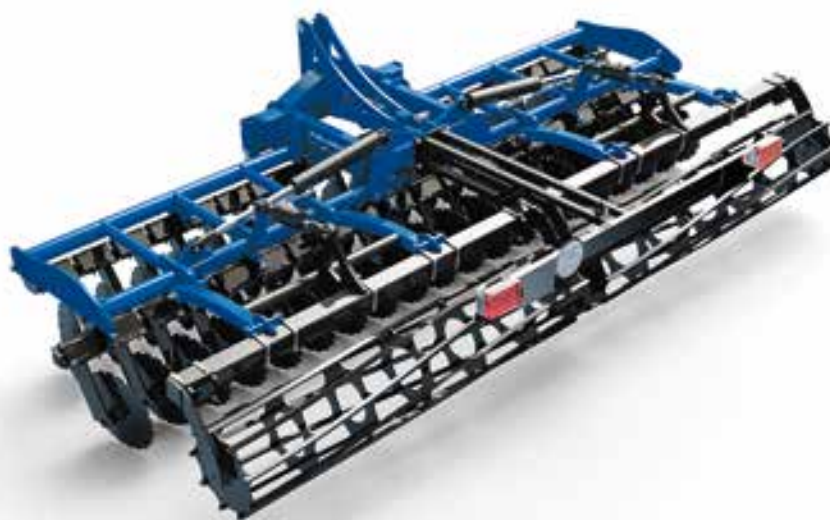
- » Cat. 3N and Cat. 3 hitch
- » Safety and Arms: RABE Flex
- » Discs: Two rows of disc-shaped and curved mulching discs Ø 510 mm
- » Disc bearing and maintenance-free roller
- » Hydraulic folding to 2.50 m transport width

Rear equipment

- » Wide range of rollers (see p 12)

Options

- » Hydraulic adjustment of the rollers
- » Discs diameter 460 × 5 mm or 560 × 6 mm (Fine or coarse jagged)
- » Following straw harrow
- » Parking stand for folded position



Hitch category 3N and 3 for compatibility with all the tractors of the concerned power range.



Transport width 2.50 m for great flexibility of use.



Hydraulic depth adjustment from the cab using the master / slave cylinders (optional).

Technical characteristics	FIELD BIRD mounted foldable version		
	4000 K	5000 K	6000 K
Machine	4000 K	5000 K	6000 K
Number of discs	32	40	48
Diameter of disc/thickness (mm)	460/5, 510/5, 560/6		
Disc distance (mm)	250		
Type of machine	mounted foldable frame		
Working width (m)	4,00	5,00	6,00
Transport width (m)	2,50		
Weight (kg)	2.600	2.900	3.300
Required tractor power (hp)	125	165	205

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

SEMI-MOUNTED WITH FOLDING IN 2 PARTS FOR TRACTORS FROM 125 HP.

The FIELD BIRD KA has a central beam and the axle is situated between discs and roller.

This way it allows great manoeuvrability on the road and at the field ends. This range of tools is suitable for larger fields for high worksite speeds of up to 8.5 ha per hour.

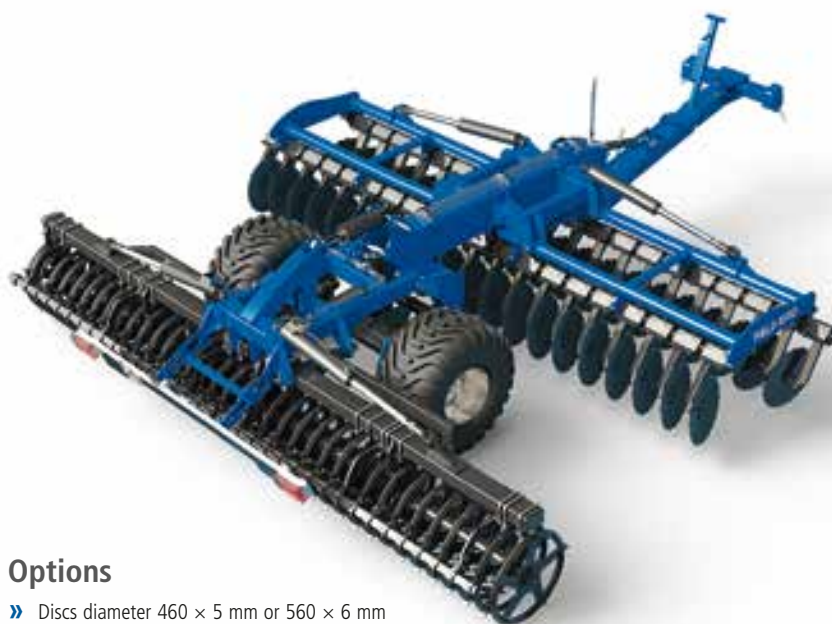
- » The axle is equipped with 500 / 45-22.5 wheels, with an approved braking device.
- » Center frame 300 × 200 × 10 mm
- » Side frames 105 × 7.5 mm
- » Round tubes are more rigid and less sensitive for accumulation of debris.

Standard equipment

- » Cat. 2 or 3 (3 or 3 short of your choice)
- » or conical sleeve Ø 45 or Ø 55 mm
- » Safety and Arms: RABE Flex
- » Discs: Two rows of jagged and curved mulching discs Ø 510 mm
- » Hydraulic adjustment of the rollers
- » Disc bearing and maintenance-free roller

Rear equipment

- » Wide range of rollers (see p 12)



Options

- » Discs diameter 460 × 5 mm or 560 × 6 mm (Fine or coarse jagged)



Simple mechanical depth adjustment of the drawbar. Hydraulically as option.



Hydraulic adjustment of working depth with optical indicator.

Technical characteristics	FIELD BIRD semi-mounted two-part folding		
	4000 KA	5000 KA	6000 KA
Machine	4000 KA	5000 KA	6000 KA
Number of discs	32	40	48
Diameter of disc/thickness (mm)	460/5, 510/5, 560/6		
Disc distance (mm)	250		
Type of machine	semi mounted two-part folding		
Working width (m)	4,00	5,00	6,00
Transport width (m)	2,50		
Weight (kg)	4.000	4.250	4.820
Required tractor power (hp)	125	155	175

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

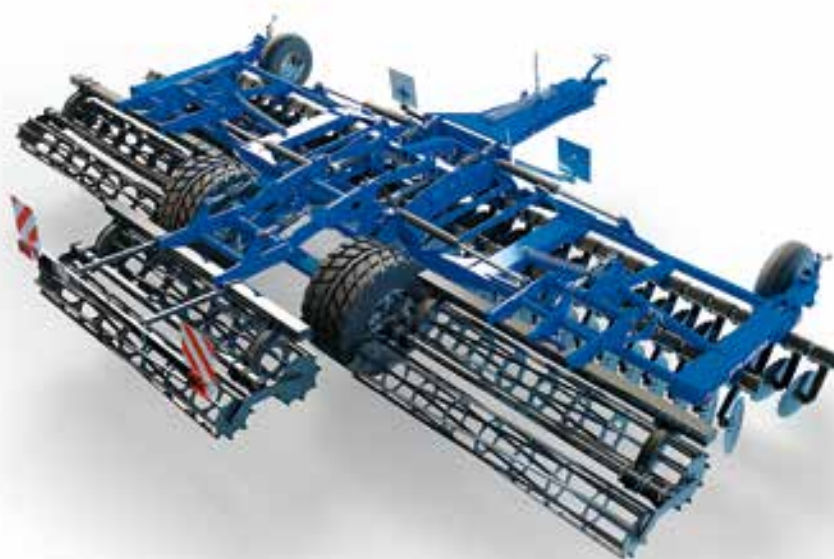
FIELD BIRD SEMI-MOUNTED 3 PARTED FOLDING FOR TRACTORS FROM 210 HP.

The FIELD BIRD KA has a central frame and two lateral ones.

The central axle (between the discs and the roller) allows great manoeuvrability on the road and at the end of the field. The FIELD BIRD KA is suitable for large fields and very high working speeds up to 14 ha per hour.

Standard equipment

- » Cat. 3N, Cat. 3 or Cat. 4
- » or conical sleeve Ø 45, Ø 55, Ø 65 mm
- » or Ball coupling Ø 80 mm
- » Safety and Arms: RABE Flex
- » Discs: Two rows of jagged and curved mulching discs Ø 510 mm
- » Hydraulic adjustment of the rollers
- » Disc bearing and maintenance-free roller
- » Hydraulic folding in 3 parts
- » Wheels 600/50 - 22.5
- » Depth wheels 11.5 - 80 x 15.3



Rear equipment

- » Wide range of rollers (see p 12)

Options

- » Discs diameter 460 x 5 mm or 560 x 6 mm (Fine or coarse jagged)



Hydraulic depth adjustment from the cab using the master / slave cylinders (optional).

Technical characteristics	FIELD BIRD semi-mounted three-part folding	
	7000 KA	8000 KA
Machine	7000 KA	8000 KA
Number of discs	56	64
Diameter of disc/thickness (mm)	460/5, 510/5, 560/6	
Disc distance (mm)	250	
Type of machine	semi mounted three-part folding	
Working width (m)	7,00	8,00
Transport height (m)	3,50	4,00
Transport width (m)	3,00	
Weight (kg)	6.450	6.850
Required tractor power (hp)	180	200

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

PARTS AND ACCESSORIES.

Rear accessories to refinish the work.

The choice of the roller is a decisive aspect when purchasing a disc harrow. The roller makes the finish and gives the final result of the work as well on agronomic and on aesthetic aspects. RABE offers the most complete range of rollers on the market to suit your soil types and your finishing needs.



Square bar crumbler roller Ø 500/650 mm

- » Attacks crop residues and surface clods.
- » It facilitates soil / seed contact and germination during false seeding.
- » Versatile, lightweight and economical.
- » Suitable for different soil types.



Double roller square bar Ø 500/400 mm

- » Destruction of plant residue and fine soil.
- » Used to separate soil from roots and breaking up crop residues and surface clods.
- » Strongest ability of all rollers to create fine soil for soil preparation.



Impak-roller Ø 500/650 mm

- » Reconsolidating and leveling.
- » Used to break the clods and incorporate them on the ground.
- » Facilitates soil / seed contact and germination during false seeding, in-line seeding.
- » Allows to postpone the use of the machine at the end of the season.



Emopak (V) - roller Ø 650 mm

- » False seedling.
- » Used to break the hardest clods and repress them into the ground.
- » It creates soil / seed contact and promotes the germination of false seedlings, line seeding finish.
- » It allows a quality recovery in clay soil and dry conditions.

Features		Square bar roller	Double roller	Impak roller	Emopak roller
Compatibility	Mounted Rigid	ok	ok	ok	–
	Mounted Foldable	ok	ok	ok	–
	Semi-Mounted Foldable 2 parted	ok	ok	ok	ok
	Semi-Mounted Foldable 3 parted	ok	ok	ok	ok
Soil texture	Very soft		•		
	Flexible	•	•		
	Medium	•	•	•	•
	Hard	•	•	•	••
Moisture	Dry	•	•	•	••
	Medium	•	•	•	•
	Very wet			•	
Vocation	Plant destruction	•	••		•
	False seedlings	•	•	•	••
	Preparation of seedlings	•	••	•	•
	Wintering work	•		••	•



BLACKBIRD X

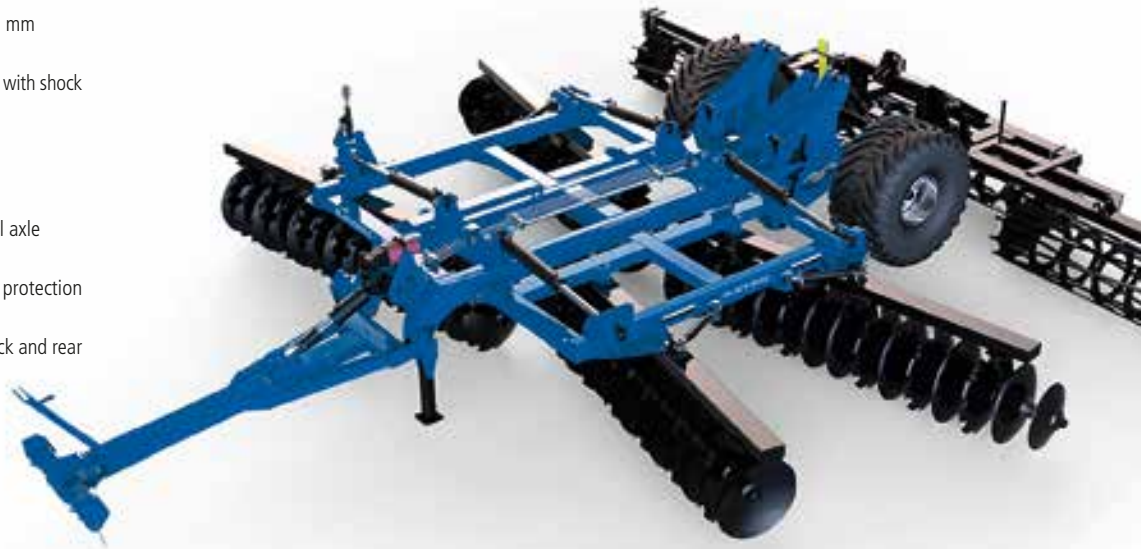
THE FLAGSHIP OF THE RANGE FOR TRACTORS FROM 310 HP.

The strong series.

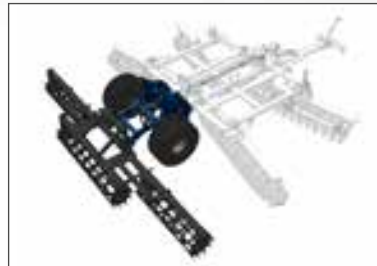
The central chassis of the BLACKBIRD X consists of a large-sized frame to absorb the high tensile forces. The side frames ensure precise fixing over the entire width of the machine.

Standard equipment

- » Cat. 3N, Cat. 3 or Cat. 4
- » or conical sleeve Ø 45, Ø 55, Ø 65 mm
- » or Ball coupling ø 80 mm
- » Hydraulic compensation on drawbar with shock absorber
- » Central chassis:: 250 x 150
- » Wheel axle: square 100 mm
- » Wheels: 2x 18 R 22.5; 2
- » Hydraulic shock absorber on wheel axle
- » Angling adjustment via turnbuckle
- » Double taper roller bearings with protection by 6 seals
- » Alternate Ø660 mm front 7mm thick and rear 6mm thick
- » Transport Position: hydraulic vertical folding, 3,0 m
- » Locking in working and transport position
- » Hydraulic brakes
- » LED Road lights



Folding the machines ensures a transport width less than 3.0 m.



The roller

The working depth is controlled by a roller with an adjustable hydraulic lift from the cab. The ideal positioning of the roller together with the hydraulic depth adjusting guarantee a good stability and allow the machine to follow properly any ground contours. It is possible to lift the roller during work.

Technical characteristics	BLACKBIRD X					
	40	44	48	56	60	64
Number of discs	40	44	48	56	60	64
Diameter of disc (mm)	660 / 710 / 760					
Disc distance (mm)	270			230		
Working width (m)	5,00	5,50	6,00	6,20	6,60	7,00
Transport width (m)	3,00					
Weight (kg)	5475	5686	5913	6472	6683	7200
Required tractor power (hp)	340	350	360	310	320	330

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

PARTS AND ACCESSORIES.



- Emopak (V) - Roller 600 Ø mm**
- » 40 mm square axle
 - » Also suitable for soils with stones
 - » Breaks hardest clods and press them to the soil
 - » Assists the germination of residual grain
 - » Consolidate and levels the seedbed
 - » Improves the soil quality in clayey and dry soils



- Crumbler roller with square rods 600 Ø mm**
- » Square rods (full material)
 - » Spirally curved
 - » Smooth running
 - » Versatile and light
 - » Crushes crop residues and soil clods
 - » Makes germination of residual grain easier



- Round bar roller 900 Ø mm**
- » Separates the soil from the plant roots
 - » Good crumbling
 - » Prepares a good seedbed
 - » Smooth running
 - » Well suited on sticky soils



- Emopak (P) - roller 600 Ø mm**
- » Good consolidation and levelling of the surface
 - » Breaks clods and solidify them with the soil
 - » Setter germination thanks to better soil contact

Eigenschaften	BLACKBIRD X
Coupling	<ul style="list-style-type: none"> » lower linkage Cat. III, Cat. III or Cat. IV » tow eye 45 Ø mm » tow eye 55 Ø mm » tow eye 65 Ø mm » Ball coupling Ø 80 mm
Chassis	<ul style="list-style-type: none"> » Hydraulic folding with 4 cylinders instead of 2 » Kit valves with 3 or 4 functions
Disc arrangement	<ul style="list-style-type: none"> » Hydraulic adjustment of the disc row angles » Installation of jagged discs only » Bearing protection » Hectare counter » Deflectors
Roller	<ul style="list-style-type: none"> » Square bar roller Ø 600 mm » Round bar roller Ø 900 mm » Emopak V roller Ø 600 mm » Emopak P roller Ø 600 mm



BLUEBIRD GH

MOUNTED FLAT CULTIVATOR FOR TRACTORS FROM 80 UP TO 240 HP

The BLUEBIRD GH and GH F is a solidly built two-bar short cultivator with working widths of 3.00 m to 6.00 m.

It's the ideal device for stubble cultivation. It can also be combined as a front attachment with mulch drills.

Technical features

- » Cat. II, Cat. III N or Cat. III
- » Mounted version with rigid or foldable frame
- » Also available for front attachment
- » 2 rows of tines
- » Distance between the tines 450 mm
- » Shear bolt or springloaded non-stop protection
- » Frame height 750 mm (shear bolt version), 800 mm springloaded non-stop protection
- » Tractor output from 80 - 240 hp
- » Crumbler roller Ø 540 mm
- » Various rollers available
- » Depth control with roller
- » Mechanical roller adjustment
- » Warning signs



Front attachment (option)



Technical characteristics	BLUEBIRD GH (F)			
	GH 3000 (F)	GH 3000 E (F)	GH 5000 (F)	GH 6000 (F)
Machine	GH 3000 (F)	GH 3000 E (F)	GH 5000 (F)	GH 6000 (F)
Number of tines	7	7	11	13
Safety device	shearbolt or non-stop safety (version 'F')			
Working depth	250 mm			
Tine distance	450 mm			
Machine type	mounted rigid frame		mounted frame, three part folding	
Working width	3,00 m		5,00 m	6,00 m
Transport width	3,00 m			
Weight	547 kg (827 kg)	597 kg (877 kg)	1.350 kg (1.790 kg)	1.510 kg (2.030 kg)

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

PARTS AND ACCESSORIES.

Shares/Points

The BLUEBIRD GH works with three-part shares with lateral wings. Depending on the soil condition and the desired working effect they are equipped with reversible double heart shares or with pushable middle shares. For wear reduction they can optionally be hardened with Plasmabid. When equipped with middle shares, edge plates are mounted on the right and left outer shares as standard. They reduce the lateral soil throw-up, so that, under certain circumstances, it can be worked without the outer leveller element.



- Double heart point with lateral wings**
- » Proven solution for all conditions
 - » Transports the soil forward, thus reducing the risk of clogging and gives a good mixing
 - » Uniform working horizon thanks to bottom guided wings/lateral cutting edge
 - » Points can be reversed when worn



- Standard point with lateral wings**
- » Wide straight standard point
 - » Uniform working horizon thanks to bottom guided wings/lateral cutting edge
 - » Outer side deflectors reduce the building up of soil on the side

Shanks

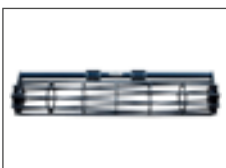
The BLUEBIRD has tines with shear bolts as an overload protection (GH) or spring-loaded tines with automatic reset (GHF). The spring-loaded tines are arranged in a parallelogram. In case of stones, they mainly move upwards and not backwards, as it is often the case. This keeps also in triggered position their steep, easy-to-move-in position. Even on very heavy soils they return to it's working position immediately after triggering. To improve the penetration all tines can be set steeper in several steps .



- RABE fast flow tine**
- » Plenty of space above the share
 - » Soil does not run against the shank
 - » Low risk of clogging

Rear rollers

The depth of the Blue bird GH is controlled by the load-bearing rear rollers. The desired working depth can be easily adjusted by locking pins.



- Crumbler roller with square rod Ø 540 mm**
- » Universal roller 540mm Ø
 - » 10 support tubes 34mm Ø
 - » Good load-bearing capacity on light soils
 - » Smooth running thanks to twisted tubes
 - » Light and compact roller



- Tandem roller Ø 440 mm and Ø 350 mm**
- » Bar packer roller 440mm front, 8 support tubes with 34mm Ø
 - » Crumbler roller 350mm rear, 9 flat steel 10x35 mm crumbler rods
 - » Excellent crumbling
 - » Very good load-bearing capacity
 - » Springloaded crumbler roller

Leveller

Disc leveller level the soil broken up by the cultivator shares particularly good.



- Disc leveller**
- » 460mm diameter of discs
 - » Low risk of clogging thanks to large space to the tines and roller
 - » Preciseley adjustable
 - » Front disc throws the soil into the rear, this leads in combination with the upright disc position to an optimal mixing result

BLUEBIRD GR

MOUNTED CULTIVATOR FOR TRACTORS FROM 120 TO 250 HP

The BLUEBIRD GR is a three-beam mounted cultivator for flat work up to 30 cm depth.

With 13 tines on a working width of 3 meters it has a tighter tine spacing resulting in a better mixing and crumbling effect compared to conventional cultivators with only 10 tines. Depending on the purpose of the application, the work results can be further optimized with various shares.

Technical features

- » Cat. II, Cat. III N or Cat. III
- » Mounted version with rigid or foldable frame
- » 3 rows of tines
- » Distance between the tines 230 mm
- » Shear bolt or springloaded non-stop protection
- » Frame height 820 mm (shear bolt version), 870 mm springloaded non-stop protection
- » Tractor output from 120 - 250 hp
- » Crumbler roller Ø 540 mm
- » Deep control over the roller
- » Maintenance-free roller bearings
- » Mechanical roller adjustment
- » Warning signs



Technical characteristics	BLUEBIRD 3 GR (F)	
Machine	GR (F) 3000	GR (F) 4500
Number of tines	13	19
Safety device	shearbolt or non-stop safety (version 'F')	
Working depth	300 mm	
Tine distance	230 mm	
Machine type	stiff	foldable
Working width	3,00 m	4,50 m
Transport width	3,00 m	
Weight	815 kg (1.192 kg)	1.223 kg (1.774 kg)

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

PARTS AND ACCESSORIES.

Shares/Points



Reversible point double heart

- » 18 cm width of share
- » Transports the soil forward
- » Excellent mixing effect even at lower working depths
- » Good penetration into the soil
- » Points can be reversed when worn



Goose share quick-fix

- » 26 cm width of share
- » Good suitable for shallow work
- » Proven Quick-Fix system for quick change to narrow shares or when worn
- » Uniform working horizon
- » Safe cutting of plant roots by 3 cm overlapping share width



Twisted point

- » 7 cm width of share
- » Suitable for extra deep work
- » Low tractive power requirement
- » Good penetration into the soil
- » Points can be reversed when worn



Reversible double heart point narrow plas-mabid

- » 13 cm width of share
- » Significantly reduced wear thanks to Plasmabid coating of the undercut side
- » Cutting edge stays sharp even when worn
- » Transports the soil forward
- » Excellent mixing effect at medium working depths
- » Good penetration into the soil



Side deflectors for quick-fix

- » 8 cm width
- » Straight side deflector for Quick-Fix shares
- » Transports the soil forward
- » Excellent mixing effect



Reversible double heart point narrow

- » 13 cm width of share
- » Transports the soil forward
- » Excellent mixing effect at medium working depths
- » Good penetration into the soil
- » Points can be reversed when worn

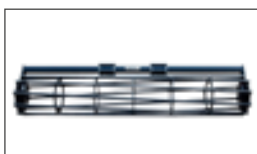


Narrow share quick-fix

- » 11 cm width of share
- » For medium and deep mixing
- » Proven Quick-Fix system for quick change to goose share or when worn

Rear rollers

The depth of the Blue bird GH is controlled by the load-bearing rear rollers. The desired working depth can be easily adjusted by locking pins.



Crumbler roller with square rod Ø 540 mm

- » Universal roller 540mm Ø
- » 10 support tubes 34mm Ø
- » Good load-bearing capacity on light soils
- » Smooth running thanks to twisted tubes
- » Light and compact roller



Tandem roller Ø 440 mm and Ø 350 mm

- » Bar packer roller 440mm front, 8 support tubes with 34mm Ø
- » Crumbler roller 350mm rear, 9 flat steel 10x35 mm crumbler rods
- » Excellent crumbling
- » Very good load-bearing capacity
- » Springloaded crumbler roller

Leveller

Disc Leveller and Spring Leveller level the soil broken up by the cultivator shares particularly good. The effect of both leveller is comparable. However, on heavier soils with more clod formation it should be given preference to the disc leveller.



Spring leveller

- » 460mm diameter of discs
- » Low risk of clogging thanks to large space to the tines and roller
- » Precisely adjustable
- » Front disc throws the soil into the rear, this leads in combination with the upright disc position to an optimal mixing result



RABE fast flow tine

- » For GR – GR/F only
- » Robust construction
- » Precisely adjustable
- » Low risk of clogging thanks to large space to the tines and roller
- » Flat angle to the ground prevents the build-up of crop residues





COMBI DIGGER CD

SINGLE BEAM CURVED TINES.

Specifications

- » Curved tine - with blade protection and chisel
- » Cat III N
- » 3.0 m transport width = 3.0 m working width
- » Can be used single or combined with a power harrow
- » Working depth of 20 to 50 cm
- » Frame under clearance 900 mm
- » Shearbolt protection
- » Park stand
- » mechanical or hydraulic three-point linkage as option



Technical characteristics	COMBI DIGGER CD			
Machine	CD 3004	CD 3006	CD 4006	CD 4008
Number of tines	4	6	6	8
Working width (m)	3,00	3,00	4,00	4,00
Transport width (m)	3,00	3,00	4,00	4,00
Weight (kg)	800	950	1000	1280
Required tractor power (hp)	120 - 310			

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

Specifications

- » Curved tine - with blade protection and chisel
- » Cat III
- » Transport width = working width
- » Can be used single or combined with a power harrow
- » Working depth of 20 to 50 cm
- » Frame under clearance 900 mm
- » Hydraulical non-stop or shearbolt protection
- » Park stand
- » mechanical or hydraulic three-point linkage as option



Curved tines with welded protection and removable chisel



Technical characteristics	COMBI DIGGER LM					
Machine	LM 3006 B	LM 3506 B	LM 4008 B	LM 3006 H	LM 3506 H	LM 4008 H
Number of tines	6	6	8	6	6	8
Safety device	shearbolt			non-stop hydraulic		
Working width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Transport width (m)	3,00	3,50	4,00	3,30	3,50	4,30
Weight (kg)	800	850	1100	1460	1510	1730
Required tractor power (hp)	125 - 310					

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

COMBI DIGGER NT 900

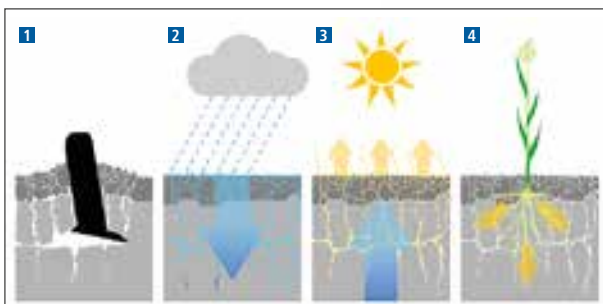
SINGLE BEAM STRAIGHT TINES.

Specifications

- » Straight NT-tine - with tine protection, chisel and removable wing 280 mm
- » Cat. III
- » Transport width = working width
- » Can be used single or combined with a power harrow
- » Working depth up to 45 cm
- » Underbeam clearance 900 mm
- » Hydraulic non-stop or shearbolt protection
- » Park stand
- » mechanical or hydraulic three-point linkage as option



Straight NT-tine - with tine protection, chisel and removable short wing 280 mm



Increase soil porosity.

- 1 Cracking without disruption of soil horizons
- 2 Better water flow of excessive rainfall
- 3 Promotes capillarity
- 4 Better development of roots

Technical characteristics	COMBI DIGGER NT 900					
Machine	NT 3004 B	NT 3506 B	NT 4006 B	NT 3006 H	NT 3506 H	NT 4006 H
Number of tines	4	6	6	4	6	6
Safety device	shearbolt			non-stop hydraulic		
Working width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Transport width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Weight (kg)	800	850	1100	1460	1510	1730
Required tractor power (hp)	125 - 310					

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

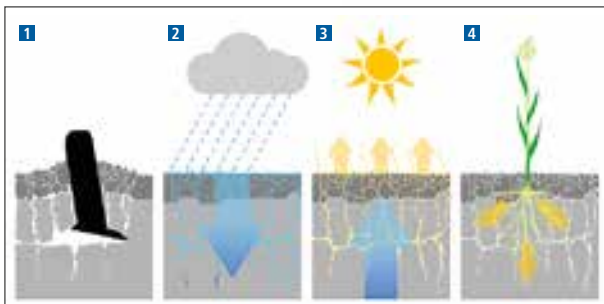
DOUBLE BEAM STRAIGHT TINES.

Specifications

- » Straight NT-tine - with tine protection, chisel and removable wing 280 mm
- » Cat. III N, Cat. III or Cat. IV N
- » Tines mounted on two beams
- » Beam width: 960 mm
- » Frame 160 x 160 x 10 mm
- » Working depth 20 to 50 cm
- » Underbeam clearance 850 mm
- » Hydraulic non-stop or shearbolt protection



Straight NT-tine - with tine protection, chisel and removable short wing 280 mm



Increase soil porosity.

- 1 Cracking without disruption of soil horizons
- 2 Better water flow of excessive rainfall
- 3 Promotes capillarity
- 4 Better development of roots

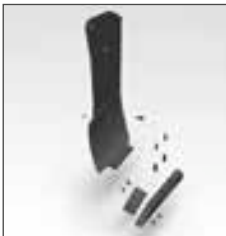
Technical characteristics	DIGGER NT 900					
Machine	NT 3005 B	NT 3505 B	NT 4007 B	NT 3005 H	NT 3505 H	NT 4007 H
Number of tines	5	5	7	5	5	7
Safety device	shearbolts			non-stop hydraulic		
Working width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Transport width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Weight (kg)	980	1080	1240	1340	1440	1720
Required tractor power (hp)	125 - 300					

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

MOUNTED DIGGER WITH CURVED TINES.

Specifications

- » Curved tines with welded protection and removable chisel
- » Cat. III N, Cat. III or Cat. IV N
- » Tines mounted on two beams
- » Beam width: 960 mm
- » Frame 160 x 160 x 10 mm
- » Hydraulic non-stop or shearbolt protection
- » Shearbolt version: working width = transport width
- » Working depth 20 to 50 cm
- » Underbeam clearance 850 mm



Curved tines with welded protection and removable chisel

Technical characteristics	DIGGER LM					
Machine	LM 3006 B	LM 3506 B	LM 4008 B	LM 3006 H	LM 3506 H	LM 4008 H
Number of tines	6	6	8	6	6	8
Safety device	shearbolts			non-stop hydraulic		
Working width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Transport width (m)	3,00	3,50	4,00	3,00	3,50	4,00
Weight (kg)	980	1080	1240	1340	1440	1720
Required tractor power (hp)	125 - 300					

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.

Specifications

- » Curved tines with welded protection and removable chisel
- » Cat. III and Cat. IV N
- » Tines mounted on two beams
- » Beam width: 960 mm
- » Foldable frame
- » Central frame 300 x 300 mm, lateral frame 160 x 160 x 10 mm
- » Hydraulic non-stop or shearbolt protection
- » Transport width 3.0 m
- » Working depth 20 to 50 cm
- » Underbeam clearance 850 mm



Technical characteristics	DIGGER LM K			
Machine	LM 4008 B K	LM 5010 B K	LM 4008 H K	LM 5010 H K
Number of tines	8	10	8	10
Safety device	shearbolt		non-stop hydraulic	
Working width (m)	4,00	5,00	4,00	5,00
Transport width (m)	2,90	2,90	2,90	2,90
Weight (kg)	1800	1980	2360	2680
Required tractor power (hp)	210 - 300			

Weight (without roller) and required horsepower are reference values and vary due to different soil conditions.



More than ploughs.

RABE PORTFOLIO.

RABE – Preeminent expertise in tillage, seeding and fertilizing.

RABE is more than ploughs – RABE is your strong partner when it comes to tillage and seedbed preparation to offer you complete, tailor made solutions making your job easier, more productive and more reliable in all of your key applications throughout the year. It's our commitment to support your business to ensure maximum farm profitability at the lowest cost of operation. Our today's portfolio seamlessly integrates into your farming operation when it comes to conventional tillage applications.



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Partnership is part of our DNA.

A successful partnership is always based upon trust and understanding. At RABE trust is evident in the quality and reliability of our products, the efficiency of our user friendly machine operation and the meticulous support provided by the RABE service team and our RABE dealers in the field. We also understand exactly what you need to achieve and maintain the success of your operation by delivering critical parts in time through our parts distribution center in Bad Essen.



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through maximum hardness and toughness.

+ Better quality of work

through longlife original parts.

+ Better price-performance relationship

with durable original parts that pay.

+ Time and cost savings

because of less frequent change of wearparts.

+ Longer lifetime

thanks to special coating and finishing processes.

+ Less tractive power needed

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