

PLOUGHS

MOUNTED REVERSIBLE PLOUGHS
PLOUGHS
PACKERS



RABE



PLOUGHS FOR ALL THE REQUIREMENTS AND CONDITIONS OF USE

www.rabe-gb.de



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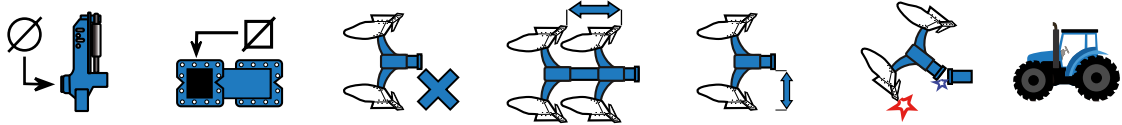


THE PROVEN REVERSIBLE
MOUNTED PLOUGH WHICH
IS SIMPLE AND EASY TO USE

The RABE Albatros with the models 110 MS and 120 M provides a robust and proven plough for the smaller and medium-sized farm.

STANDARD EQUIPMENT

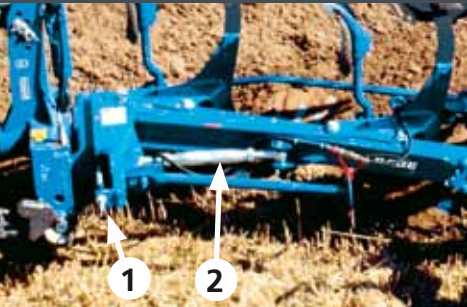
- ▶ four-stage working width adjustment
- ▶ hydraulic alignment during turnover (standard on 5-furrows)
- ▶ Plasmabid hard coating shares



110	100mm	110x110mm	3 - 5	97 cm	80 cm	S	80 - 111 kW 110 - 150 HP
HA 110	100mm	110x110mm	3 - 5	97cm	80cm	HA	80 - 111 kW 110 - 150 HP
120	100mm	120x120mm	3 - 6	100cm	80cm	S	96 - 147 kW 130 - 200 HP
HA 120	100mm	120x120mm	3 - 5	100cm	80cm	HA	96 - 125 Kw 130 - 170 HP



Simple expandability of the plough by an extra rear furrow.



Easy configuration of line adjustment strut (1) and front furrow width by lateral displacement (2).



Furrow with four-step working width adjustment (35, 40, 45 and 50 cm).



Stone protection via shear bolts.



Proven Rabe system: hydro-avant hydraulic stone protection.



THE PROVEN MOUNTED PLOUGH ALBATROS WITH HYDRAULICALLY ADJUST- TABLE WORKING WIDTH

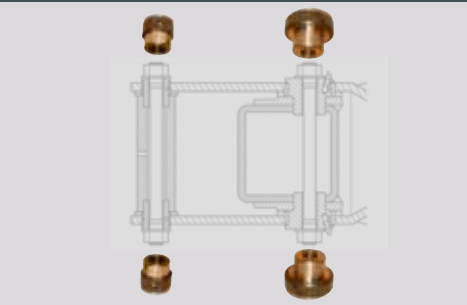
The Rabe Albatros with the VARIANT working width adjustment is the comfortable solution for professional ploughing to medium-sized farms.

STANDARD EQUIPMENT

- ▶ hydraulic working width, from ca. 32 to 52 cm
- ▶ Plasmabid hard coating of plough shares



Hydraulic adjustment of working width of 32 to 52 cm.



All pivot points are equipped with solid bushings and a long working life.



Change of working width does not require any adjustment of first furrow and true line.



No moving of the bodies during turnover, because of the alignment cylinder. This reduces the turning points in motion for less wear. Standard from up 5 - furrows.

V 120	100mm	120x120mm	3 - 5	97cm	80cm	S	96 - 125 Kw 130 - 170 HP
VHA 120	100mm	120x120mm	4 - 5	97cm	80cm	HA	111 - 125 Kw 150 - 170 HP



THE STRONG MOUNTED
PLOUGH WITH A PROVEN
DESIGN

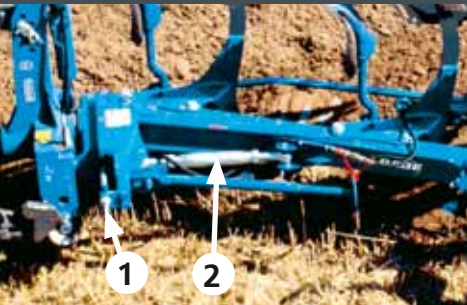
With the Super-Albatros 140 and 160
Rabe presents robust and proven models
for the medium and larger farms.

STANDARD EQUIPMENT

- ▶ four-stage working width adjustment
- ▶ hydraulic alignment during turnover (standard on 5-furrows)
- ▶ Plasmabid hard coating shares



Simple extension of the opportunity to plow an extra pair of bodies.



Easy configuration of line adjustment strut (2) and front furrow width by lateral displacement (1).



Bracket with four-step working width adjustment (35, 40, 45 and 50 cm).



Stone protection via shear bolts.



Proven Rabe system: hydro-avant hydraulic stone protection.

140	120mm	140x140mm	4 - 6	100cm	80cm	S	147 - 177kW 200 - 240HP
HA 140	120mm	140x140mm	4 - 6	100cm	80cm	HA	147 - 177kW 200 - 240HP
160	120mm	160x160mm	4 - 6	100cm	80cm	S	162 - 198kW 220 - 270HP
HA 160	120mm	160x160mm	4 - 5	100cm	80cm	HA	162 - 177kW 220 - 240HP



SUPER-ALBATROS VARIANT

Heavy mounted ploughs with variable working widths for tractors to ca. 200 KW (270 HP)

THE PROVEN MOUNTED PLOUGH SUPER-ALBATROS WITH HYDRAULIC WORKING WIDTH ADJUSTMENT

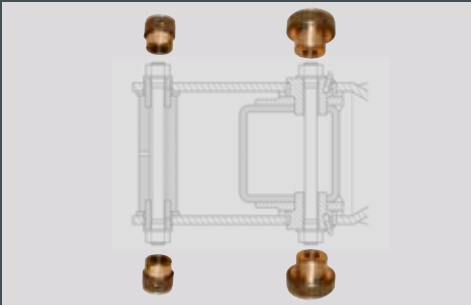
The Rabe Albatros with the VARIANT working width adjustment is the professional solution for ploughing to medium-sized farms.

STANDARD EQUIPMENT

- ▶ hydraulic working width, from 32 to 52 cm
- ▶ automatic closing down device
- ▶ Plasmabid hard coating of plowshares



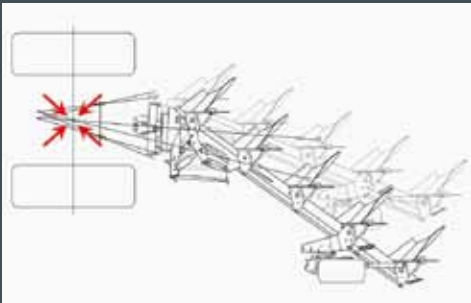
Hydraulic adjustment of working width of 32 to 52 cm.



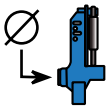
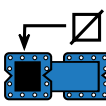


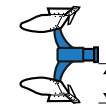


All pivot points are equipped with solid bushings and a long working life.



Change of working width does not require any adjustment of first furrow and true line.



No moving of the bodies during turnover, because of the alignment cylinder. This reduces the turning points in motion for less wear. Standard from up 5 - furrows.

							
V 140	120mm	140x140mm	4 - 6	100cm	80cm	S	147 - 177kW 200 - 240HP
VHA 140	120mm	140x140mm	4 - 5	100cm	80cm	HA	147 - 162kW 200 - 220HP
V 160	120mm	160x160mm	4 - 6	100cm	80cm	S	162 - 198kW 220 - 270HP



THE MOUNTED PLOUGH
IS A SOLID AND PROVEN
DESIGN FOR WORKING
IN - THE - FURROW

The RABE Kormoran SF 180 represents a robust and simple semi-mounted plough, designed for use on larger farms. This value was deliberately set to a simple and proven design.

STANDARD EQUIPMENT

- ▶ working width adjustment in five steps
- ▶ hydraulic turnover via rack and pinion
- ▶ front furrow width adjustment via rail
- ▶ mechanical adjustment of the front furrow width
- ▶ wide wheel (500/45 x 22.5) possible within the working width
- ▶ chassis suspension
- ▶ Plasmabid hard coating of plough shares



Controlled turnover without top dead center by the rack and pinion.



Simple expandability of the plough with an additional rear furrow. (necessary if the wheel track is to be ploughed).



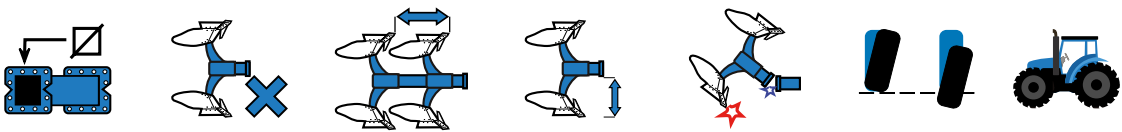
Easy expandability of the plough with an additional middle furrow. Allows the possibility of future expansion up to 9 furrows (8- furrow with hydraulic auto reset).



Bracket with five-stage working width (30, 35, 40 , 45 and 50 cm).



Simple stone protection on shear bolts or hydraulic auto reset.



SF 180	180x180mm	5 - 9	100cm	80cm	S	F	162 - 220kW 220 - 300HP
SF HA 180	180x180mm	5 - 8	100cm	80cm	HA	F	162 - 220kW 220 - 300HP

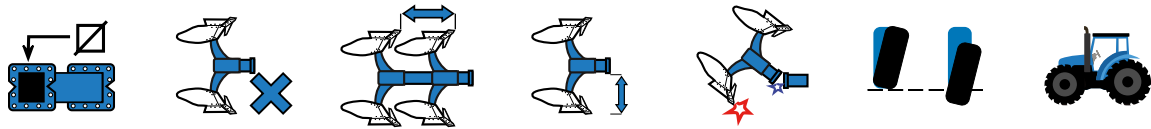


THE SEMI MOUNTED
PLOUGH FOR THE
DISCERNING

With its two model ranges PF = in the furrow and PL = on - land AND in - the - furrow the Kormoran premium represents a semi-mounted plough which has been designed using high levels of technical innovation for demanding applications on larger farms or for contractors.

STANDARD EQUIPMENT

- available with manual or hydraulic working width adjustment (Variant)
- to work in the furrow (Kormoran PF) or both on-land and in the furrow (Cormorant PL)
- hydraulic turnover by rack and pinion
- hydraulic adjustment of the first furrow width
- big wheel (diameter 122 cm!) within the possible working width
- chassis suspension
- Plasmabid hard coating of plough shares



PF	180 x 180mm	5-9	100cm	80cm	S	F	162-22kW 220-300HP
PFHA	180 x 180mm	5-8	100cm	80cm	HA	F	162-22kW 220-300HP
PV	180 x 180mm	5-8	100cm	80cm	S	F	162-22kW 220-300HP
PVHA	180 x 180mm	5-8	100cm	80cm	HA	F	162-22kW 220-300HP
PL	180 x 180mm	5-8	100cm	80cm	S	F/L	162-22kW 220-300HP
PLHA	180 x 180mm	5-8	100cm	80cm	HA	F/L	162-22kW 220-300HP
PLV	180 x 180mm	5-8	100cm	80cm	S	F/L	162-22kW 220-300HP
PLVHA	180 x 180mm	5-8	100cm	80cm	HA	F/L	162-22kW 220-300HP



Option for front and rear expansion by one extra furrow.



Robust double joint for setting the first furrow width or the on-land version. While ploughing "in the furrow" it is possible to 'slip' the first furrow (very useful in difficult conditions).



Front depth guide wheels for working on land.



Big dimensioned wheel provides high directional stability, directs with the turning.



The Kormoran in on-land version can either plough on-land or in-the-furrow.



THE SEMI MOUNTED TWIN
WHEEL PLOUGHS FOR
HIGH OUTPUT AND GREAT
PERFORMANCE

With its solid frame construction and a proven design the Marabu guarantees a high performance for both: quantity and quality of work.

STANDARD EQUIPMENT

- ▶ manual working width adjustment in five steps (30 bis 50 cm)
- ▶ to work in-furrow (Marabu F) or both on-land and in the furrow (Marabu L)
- ▶ hydraulic turnover by rack and pinion
- ▶ hydraulic adjustment of the first furrow width
- ▶ chassis suspension
- ▶ Plasmabid hard coating of plowshares



Controlled turnover without top dead center by the rack and pinion. Middle axle can be "steered".



Front depth guide wheels for working on land.



Plow frame with joint to follow ground shapes. Automatically locking in excavation and transport position.



Hydro Avant auto reset or simple shear bolts for stone protection.

SL 180	-	180x180mm	7 - 13	100cm	80cm	S	192 - 370kW 260 - 500HP
SL HA 180	-	180x180mm	7 - 13	100cm	80cm	HA	192 - 370kW 260 - 500HP



THE PLOUGHS SOUL IS IT'S BODY

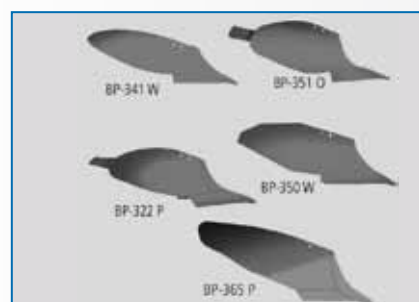
To fulfill all the tasks with the best results, a plough needs to have perfectly suited bodies to the soil. To produce such bodies there is a need for expertise in the fields of metallurgy, engineering, and fluid mechanics. And besides know-how RABE has much experience: Since 1892 RABE manufactures its own bodies - a guarantee for consistent quality of materials and workmanship.

Traditional solid steel body RABE-Quality

All ploughs that are supplied by RABE are marked in black - the front provided with strippable paint so they clear after a few rounds.

Slatted mouldboards offer significant savings poten-

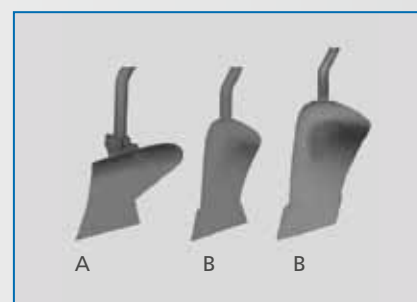
tial: Up to 20% less pulling force are reflected clearly and the diesel consumption of the tractor is reduced.



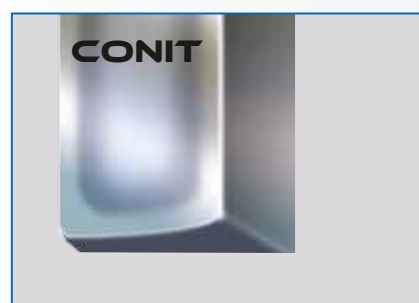
Many different body variants with full sheet metal mouldboard.



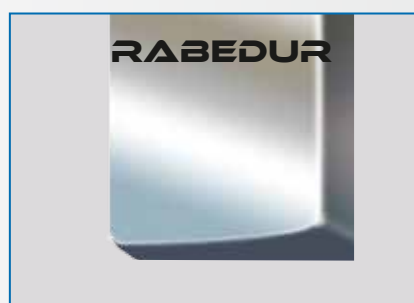
Slatted mouldboards for all soils.



Skim (A) and Cornfeeder (B) with anti-twist round stems.



Carburized mouldboards from Conit , with round hard outer layers and tough core.



Stripes sheets Rabedur with continuous maximum hardness and toughness.



Shares with Plasmabid hard coating or with screw-on tip.

RABE PROVIDES THE RIGHT EQUIPMENT FOR YOUR NEEDS

With the wide variety of optional equipment RABE ploughs can be made to suit any soil conditions and leave a fantastic finished result every time.



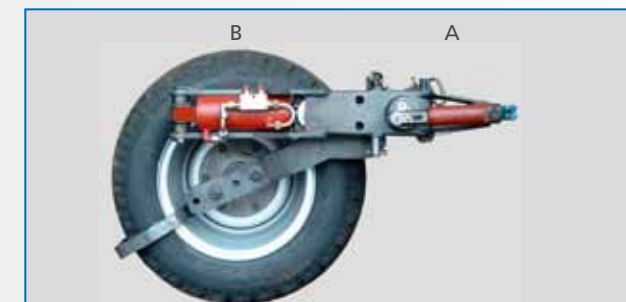
Lateral wheel for uniform depth control with damper and strake can be mounted front or rear. (For Albatros / Super Albatros)



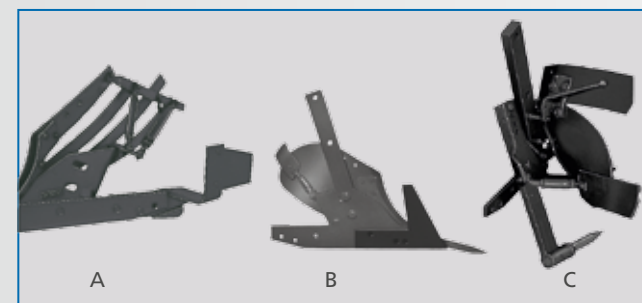
Damper (A) for gentle rotation and strake (B) to stop the wheel going forward.



Combi Wheel for uniform depth control and gentle road transport with a combined damping and Swing cylinders and hydraulic working depth adjustment. (For Albatros / Albatros Super)



Damping during and after rotation (A) , working depth (B) (optional).



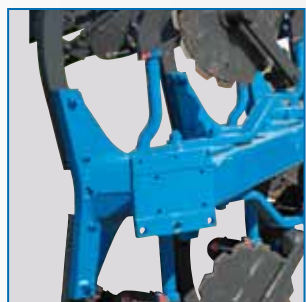
(A) broad furrow diameter (18 cm) for the last body with wide tyres of the tractor, not suitable for HydroAvant. (B) coulter for smoother furrow wall as an alternative to disc coulter. (C) subsoiler for the disruption of underlying densities (not suitable for RA).



Press Arm for furrow press, foldable for transport with hydraulic notch (A), for all Packer types suitable spring element (B) Intercept for safe and guiding the Packers.

STONE PROTECTION - WHEN IT COMES TO THE CRUNCH.

The reliability of RABE ploughs is only possible through the strength on shear pins or hydraulic stone protection Hydro Avant.



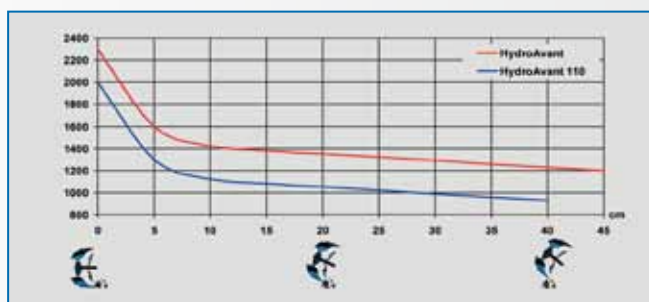
Simple backup using shear bolts with Abrissnut for precise and clean shearing.



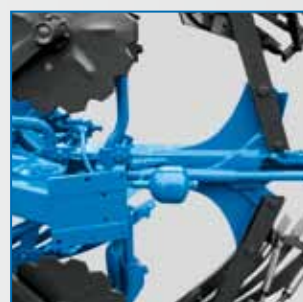
The body may well move upwards and to the side.



Safe return of the body to its original position.



Secure furrow depth by high tripping force, decreasing with increasing restoring forces lift height for protection of all components by means of an accumulator.



Even with Hydro Avant secures an additional shear for the plough in extreme situations.

ON LAND OR IN THE FURROW? TRACTION STEP!

Traction Step offers the best of both worlds. This option Rabeplougs* offers the advantages of both methods:



1. Best grip, as the tractor tyres sit in a freshly ploughed "step".
2. Avoid compaction because the wheel is not at the bottom of the furrow and wide tyres (up to 900 mm!) can be used.
3. The front wheel of the tractor will continue at the same level.
4. The slope of the tractor is reduced.
5. Variability: The plough can be operated either with or without Traction Step or by conversion of the Special Shares on a "normal" pair of coulter to one extra furrow extension.



Trash boards for very large amounts of straw.



Disc coultter (Ø 50 cm), optionally with suspension for stony grounds.



Clod breaker for additional soil crumbling right on the moldboard.

The rear, sixth special furrow only ploughs half the depth (depth adjustable) the so-called step. The tractor wheel then sits on it during the next round.

With an adjustable plough body geometry, the first furrow can be altered behind the left wheel track.

* Super Albatros and Albatros 4 - or 5 - furrow (shear bolt back system only)

RABE FURROW PRESS IN VARIOUS DESIGNS

With a full range of packers RABE provides the farmer with the right solution for its operation.



Extendable working width telescopic frame.



Suspended packer arm with adjustable brake.



Single row press UPA, here with additional cam roller.



Three-point linkage for road transport.



Optional carrying frame with hydraulic lifting gear.



DUPA packer with two rows of rings.

RABE FRONT PACKER IN VARIOUS DESIGNS

With a full range of front packers RABE provides the farmer with the right solution for every requirement.



Front press with cast rings for a good consolidation and fragmentation, ring diameter 70 cm and 90 cm, also with leading tines or blades available.



Spiral rollers for easier and level work on light and stone-free soils.

The Plani series: A complete range of front packers suitable for different applications. Here with disc packer roller and precursors for medium and heavy soils with stones.

Wheeled packer for a consolidation between the tractor wheels.



Combination of casting ring packer and packer for an even consolidation across the width of the machine.

RABE

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Subject to technical changes.



RABE