

# VDMA information exchange 2025

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Hall 27 / E41



# REITER actual

Turnover in 2024: €4.2 million, worst over, significant growth expected

After six years of excellent cooperation, Voran acquires majority stake in Reiter

Production capacities expanded, Reiter equipped for dynamic development

Sales team in Germany strengthened by Christian Markus

Sales in France strengthened by product specialist Claude Bouteraa

New dimensions in swath formation: 3–50 m in a single swath; system on the rise because feed quality and flexibility in the field are unbeatable; optimum utilisation of harvesting machines and perfect cutting quality for best feed intake in the barn.

Reiter is the only specialist for belt rakes and a technological leader with the flexible, uncontrolled and small RESPIRO pick-up

Product development remains a top priority in order to better serve the various customer segments.



# New sales representatives

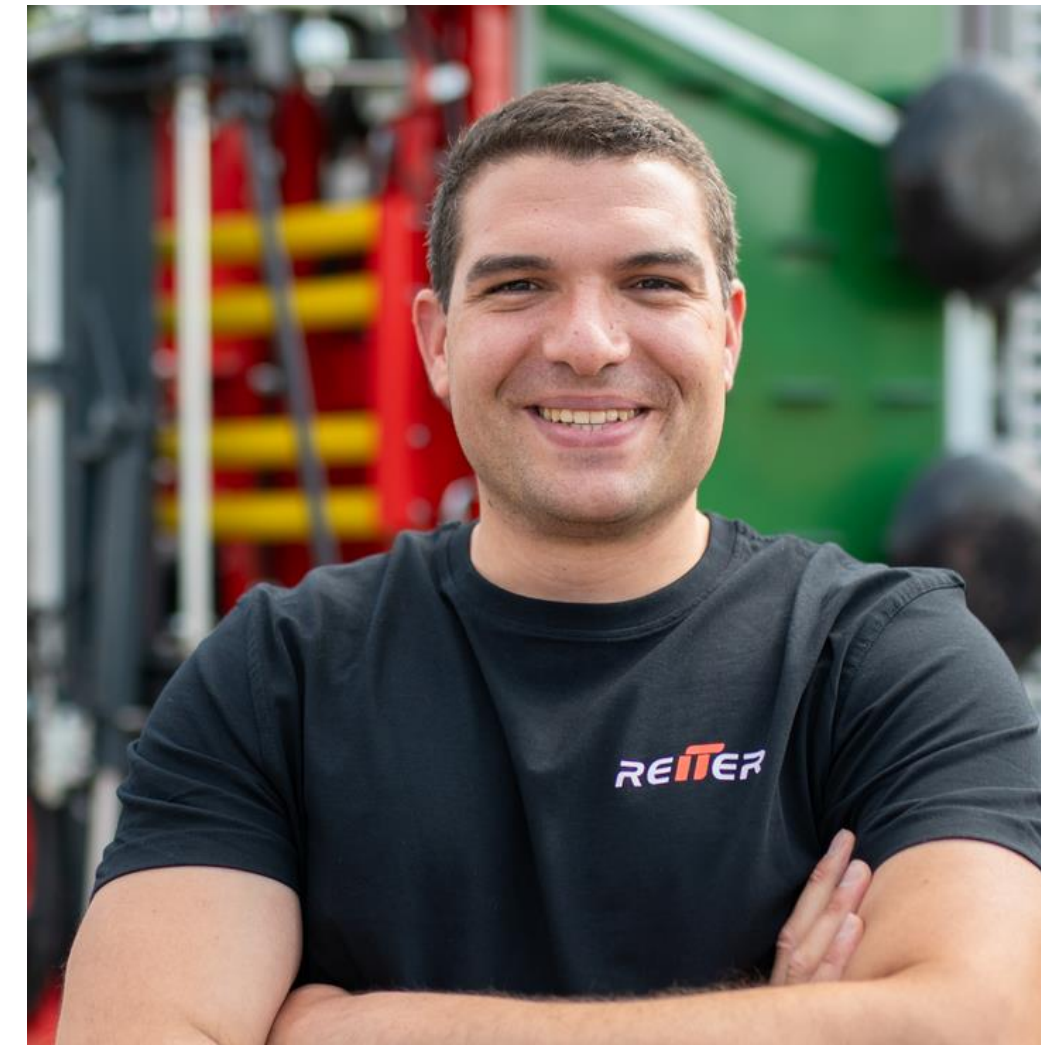


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Product specialist FR



## RESPIRO - Join now & reap success

Experience new dimensions of flexibility

3  
MAXIMUM  
MILK YIELD



Increased feed intake e.g:  
+ 1 kg DM / cow & day more =  
+ 300€ / cow & year!

8 - 10 mm theoretical chopping length  
= basis for optimum feeding behaviour

Perfect cutting quality,  
only with full drum / full rotor

Minimal excess length,  
minimal selection at the feed table!

1  
TOP  
FEED QUALITY



Ideal swath mass for all cuts

Cleanest forage thanks to patented, flexible pick-up  
Lifting instead of sweeping

**REITER**  
PREMIUM MERGER

Leading edge swathing



9-50 metres  
on one swath

WOULD YOU LIKE TO FIND OUT MORE?

Simply scan the QR code and receive  
detailed insights and analyses.



SCAN  
HERE



## Best in practice

### MY HARVEST CHAIN

Pure flexibility: 9-50 metres in one swath  
full drum / full rotor for top cutting quality

Large swath - perfect short cut when chopping  
theoretically 8-10mm --> practically approx. 20-30mm

Maximum increase in harvesting performance  
swaths must be large, regardless of the yield per hectare

Best soil protection  
fewer passes with the entire harvesting chain

Lowest knife wear on my chopper - lowest wear cost  
50% fewer knife grinding cycles, for a permanently clean cut

Perfectly optimised harvesting chain - lowest harvesting cost  
more operating profit for my valuable work

### MY ANIMALS

Optimum compaction at the clamp / fastest pH-value reduction  
for the best fermentation and tasty feed

Reduced mixing times in the feed mixer wagon  
less diesel consumption and less wear

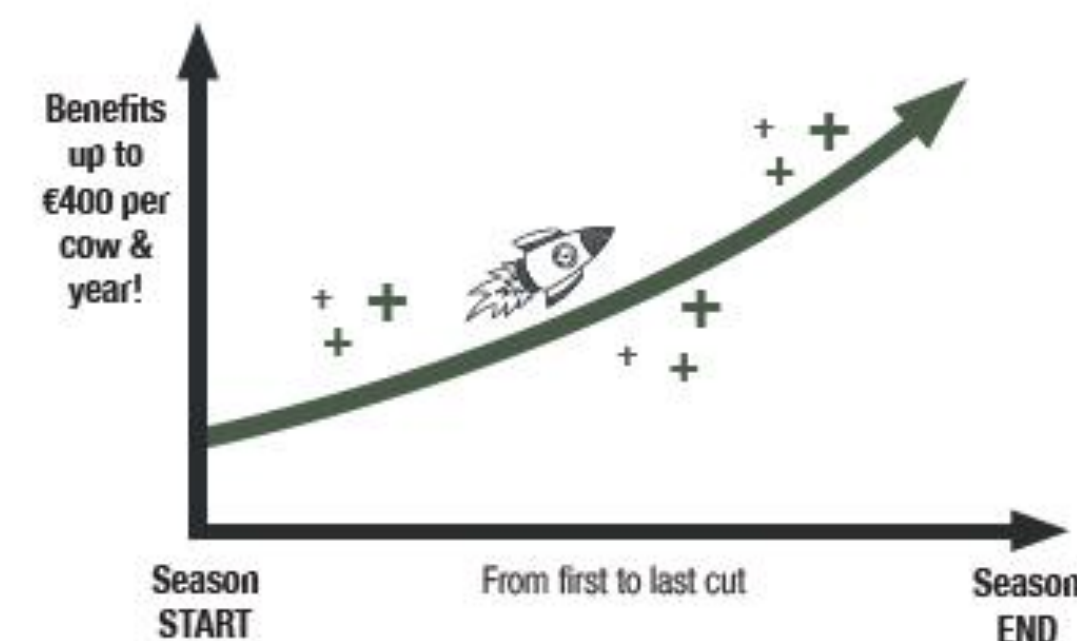
Improved feed intake  
minimised excess length, no more selection possible

Rumen health = promotion of rumination  
due to 20-30mm long, precisely cut particles

Increase in milk production  
1kg more dry matter intake = 2kg more milk per cow & day

Best animal health  
best fertility, increased lifetime performance, lowest veterinary costs

Your benefits with **RESPIRO** technology will  
**explode** in the second half of the season!



**RESPIRO**  
The boost  
for my  
business profit!



Leading edge swathing



# RESPIRO technology – the advantages

Excellent ground adaptation delivers the cleanest forage under all conditions; average direct benefit of approx. € 100/cow per year.

Small pick-up with new spoiler ensures optimum crop flow – gentle on forage.

Pure flexibility: 3-50 m into one swath => optimum size and uniformity.

This results in top cutting quality and productivity for all subsequent harvesting machines.

Increased harvesting performance – regardless of yield per unit area

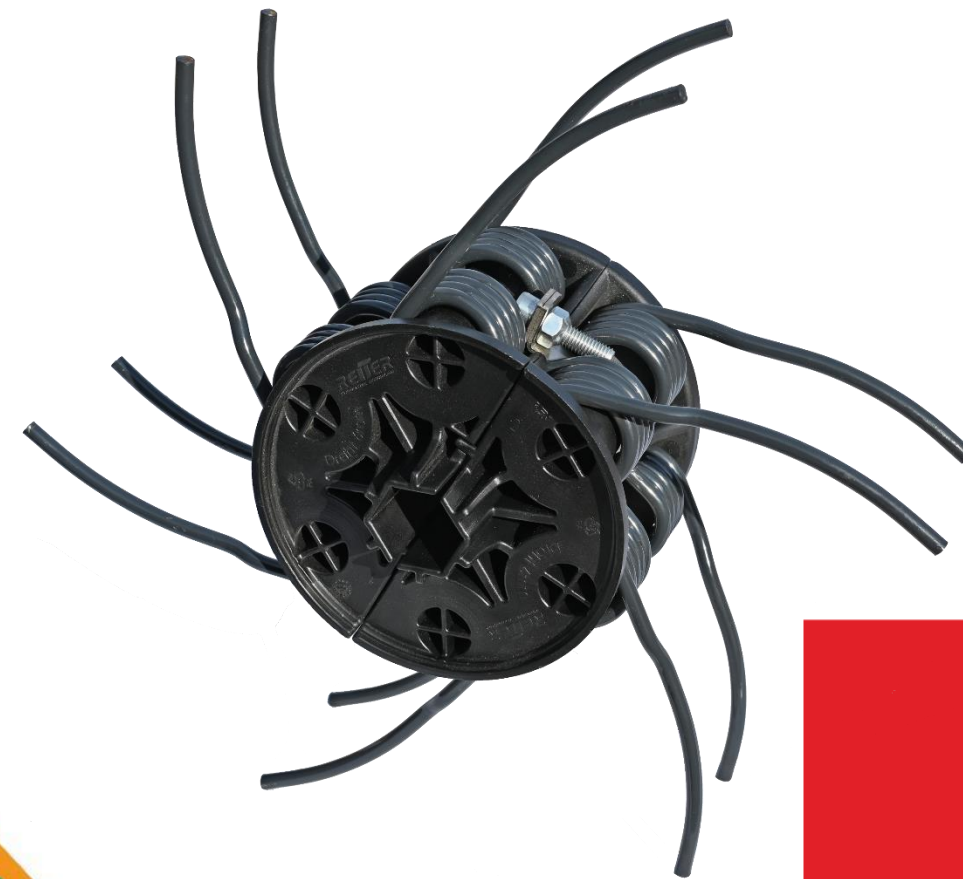
On average approx. 30% lower harvesting costs for high-performance forage harvesters

Less wear on the cutting units – blades that stay sharp longer deliver consistently top cutting quality



# RESPIRO – the original

- Small diameter
- Uncontrolled pick-up
- Flexible raking line
- Anti-loss system



**RESPIRO**

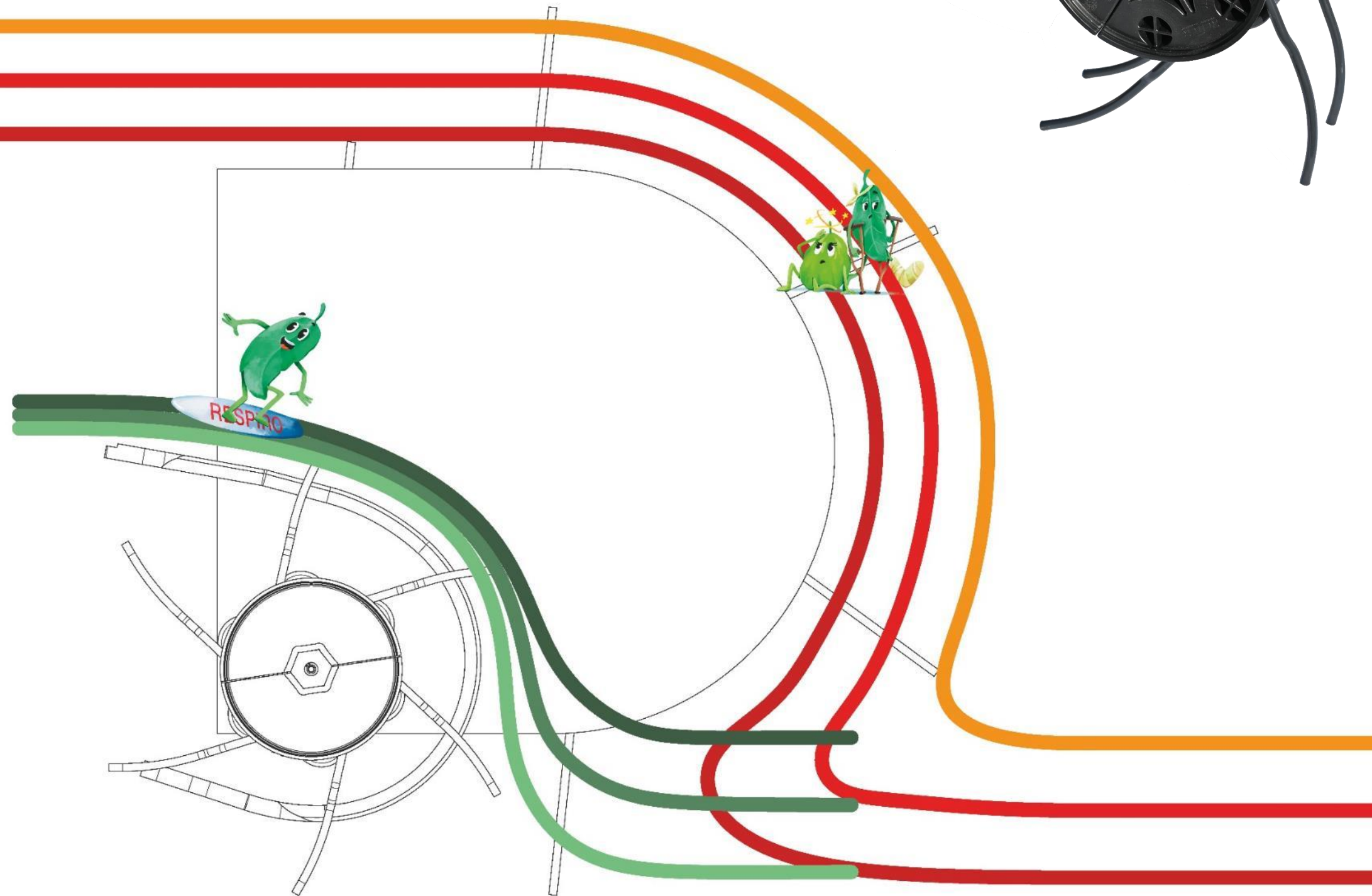
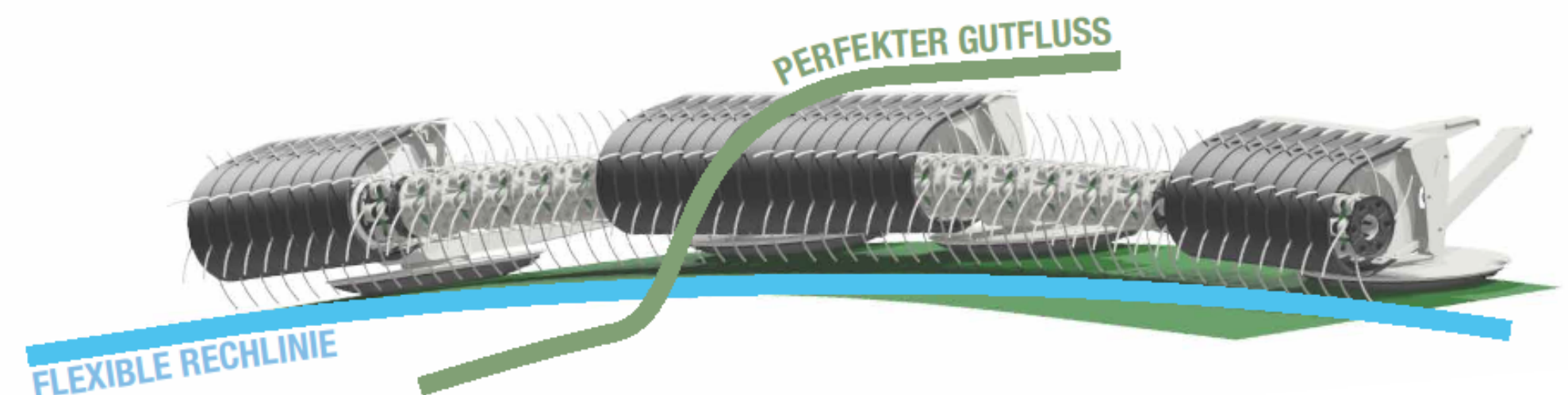
**WEIL DIE KLEINE PICK-UP  
DEN UNTERSCHIED MACHT!**

Pressepaket  
downloaden



[www.reiter-respiro.com/reiter-presse](http://www.reiter-respiro.com/reiter-presse)

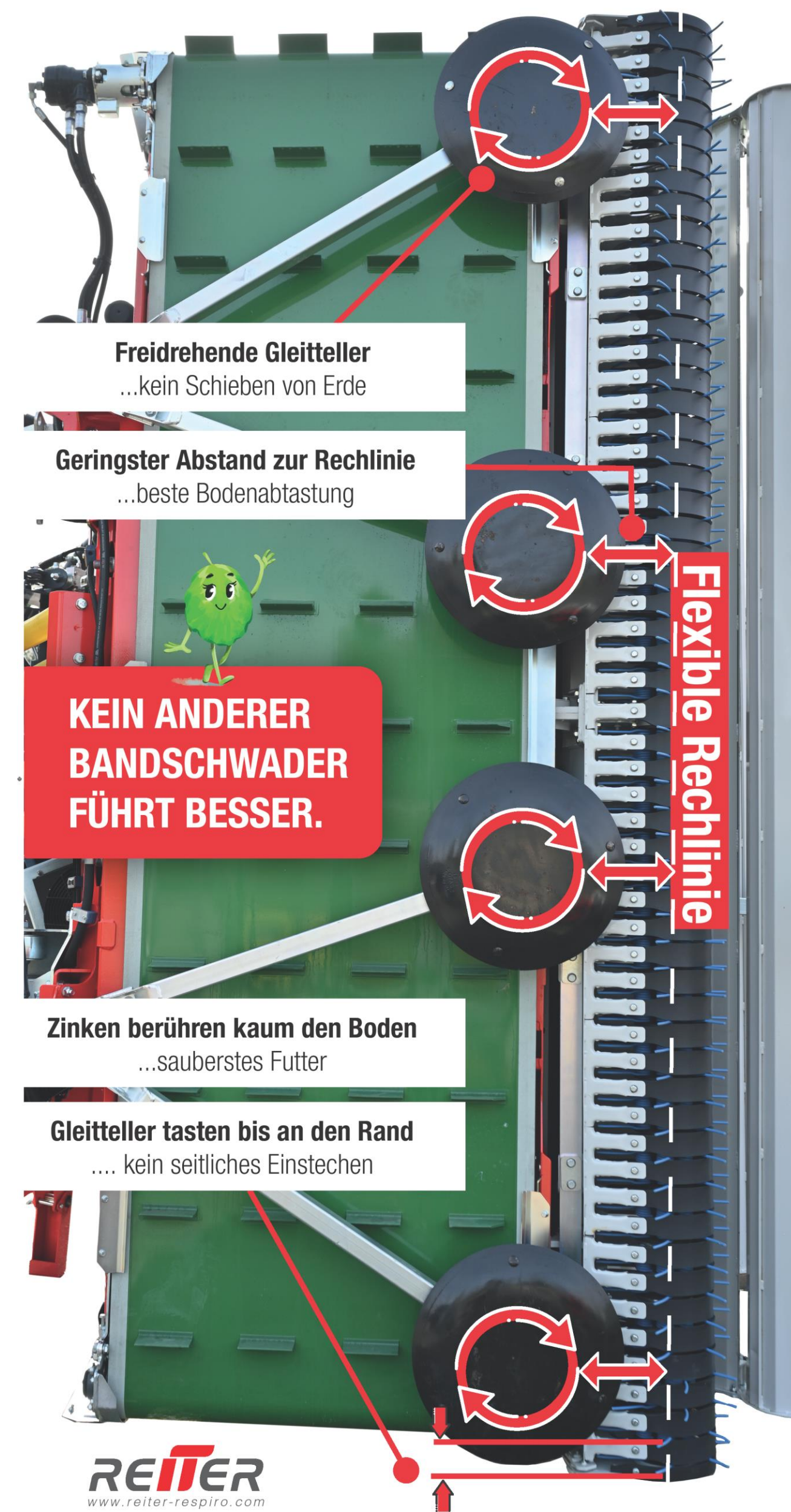
Speziell entwickelt für die Aufnahme  
von dünnen Futtermatten & Schwaden!





# RESPIRO – the original

- Optimal floor guidance via 4 sliding discs



**REITER**  
www.reiter-respiro.com



# Pickup generation 2.0

- Experience from 30 markets
- Over 800 machines in use
- Development of the Pick-up Generation 2.0
- Optimisation of crop flow
  - Uniform swath shape for optimum harvesting performance
- Optimisation of service life
  - Bearing seal
  - New gearbox
  - Special scraper
- Optimised for difficult harvest conditions
  - Dew, night, wetness, sugar grass



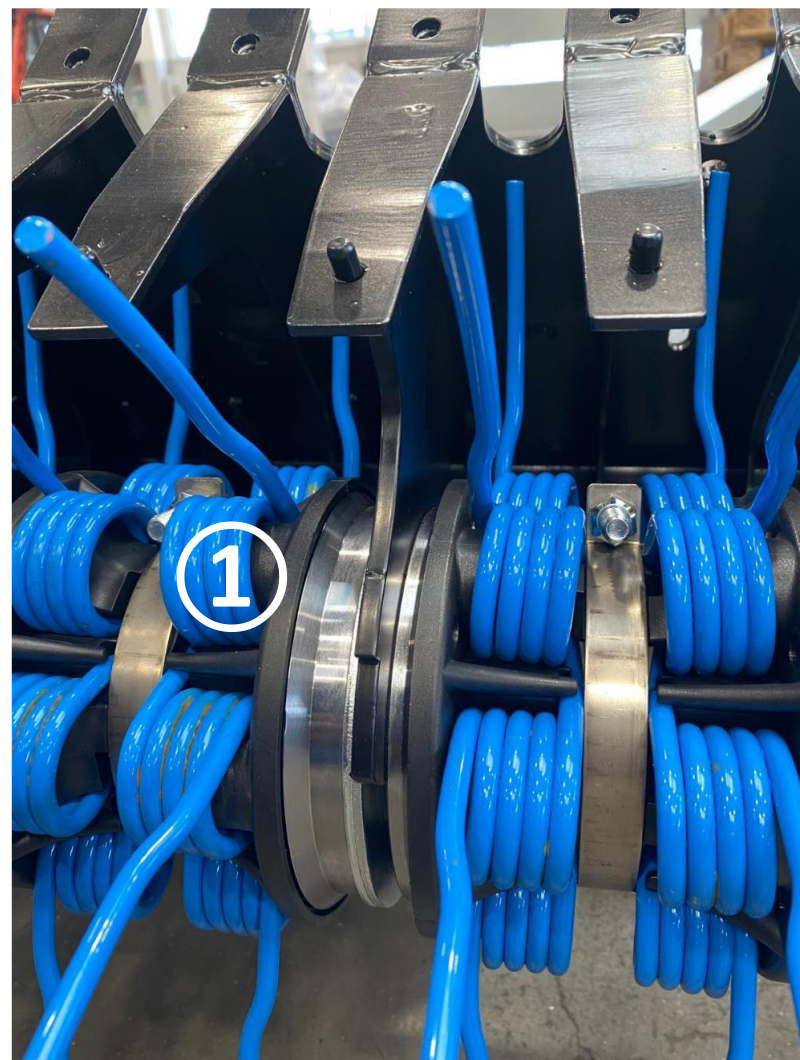
**REITER**  
www.reiter-respiro.com





# Pickup generation 2.0

- Split hexagonal shaft, plasma nitride
- New bearing with improved sealing (cutting discs) ①
- Pick-up scraper with spoiler shape ②
- 3 pick-up segments
- Special scraper ③ between segments



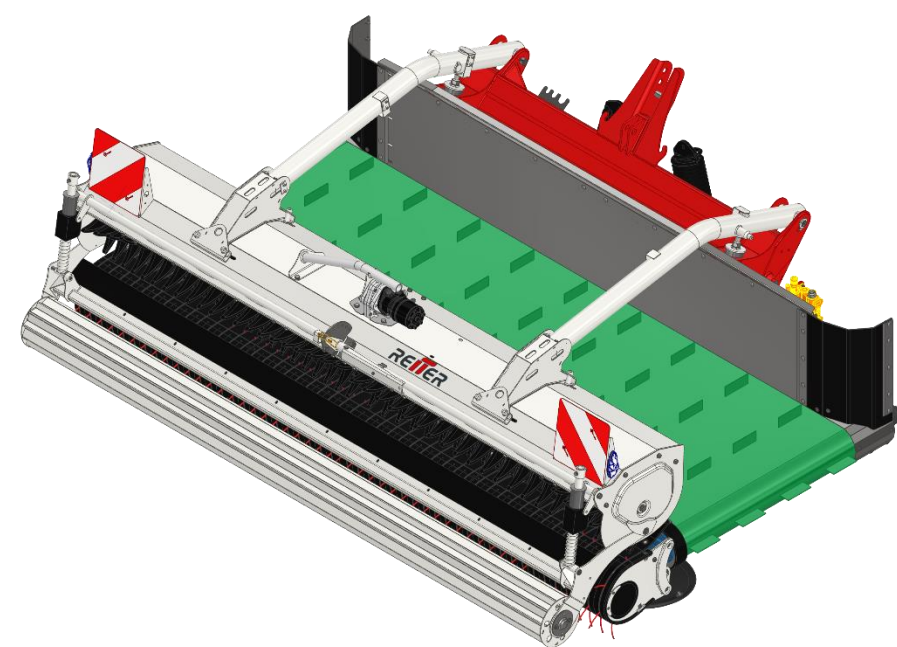


# Product range 2026

**NEW**

**NEW**

	<i>RESPIRO</i> R3 compact	<i>RESPIRO</i> R3 profi	<i>RESPIRO</i> R3.5 compact	<i>RESPIRO</i> R3.5 profi	<i>RESPIRO</i> R6 rd	<i>RESPIRO</i> R7 rd	<i>RESPIRO</i> R8 compact	<i>RESPIRO</i> R9 profi	<i>RESPIRO</i> R10 profi
Working width side swath [m]	3.00	3.00	3.50	3.50	6.00	7.00	6.00	7.00	7.5
Working width centre swath [m]	-	-	-	-	-	-	6.50 - 8.00	7.50 - 9.00	8.00 - 10.00
Belt width [mm]	700 / 1000	1000	1000	1000	700 / 1000	1000	1000	1000	1000



*RESPIRO* R3 compact



*RESPIRO* R3 profi



*RESPIRO* R6 rd, R7 rd



*RESPIRO* R8 compact



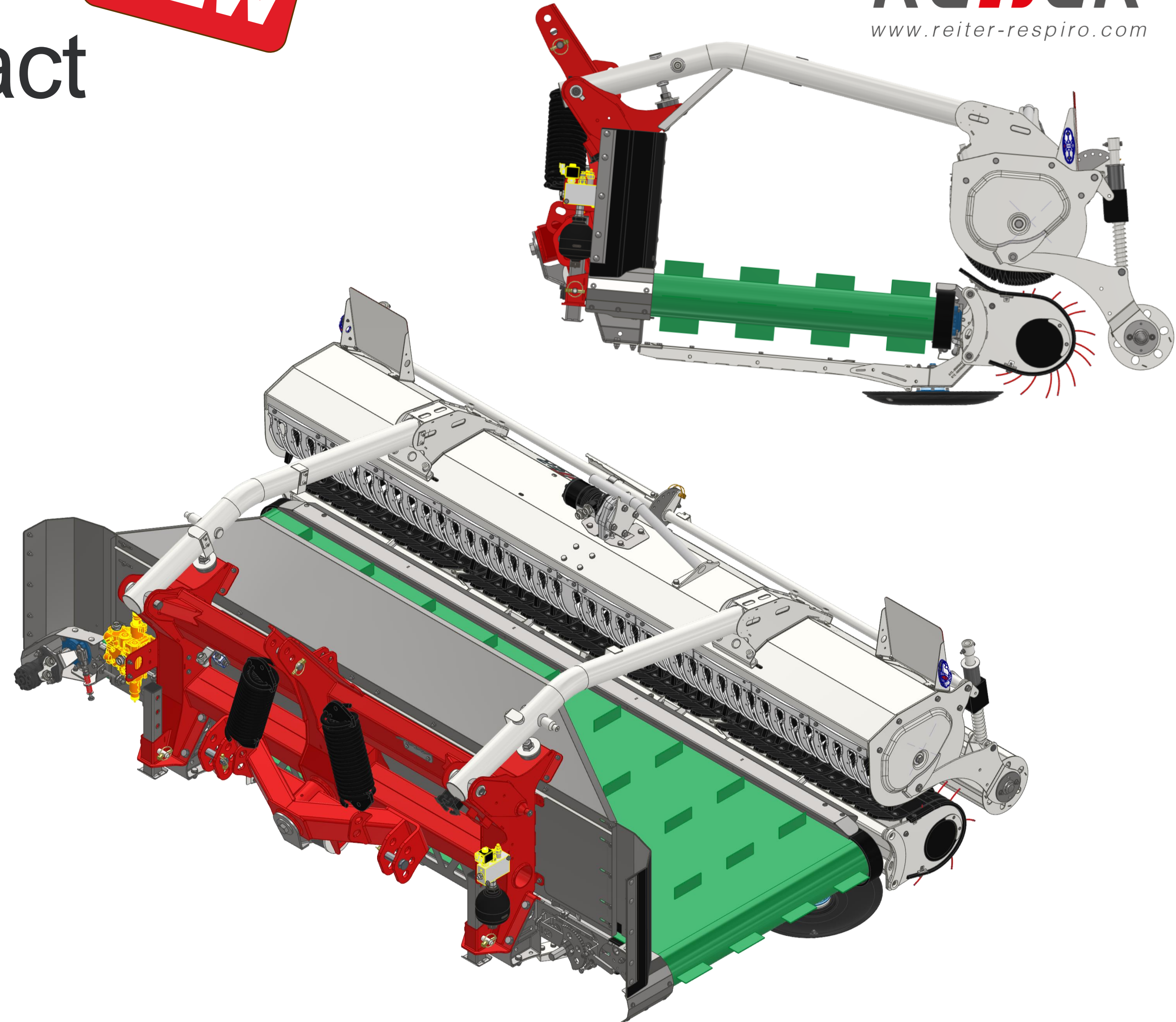
*RESPIRO* R9 profi, R10 profi



# RESPIRO R3 compact

**NEW**

- Pickup generation 2.0
- Central adjustment swath roller
- New belt structure
  - One-sided quick tensioning
- New back
  - Neat hose routing
- Attachment via lower link rocker Cat. 2
  - Spring relief
- Lighting as standard
- Hydraulic swath curtain optional





# RESPIRO R10 profi

**NEW**





# Technical data

	<i>RESPIRO</i> <i>R9 profi</i>	<i>RESPIRO</i> <i>R10 profi</i>
Working width center swath [m(ft)]	7.50 - 9.00 (24.6 - 29.5)	8.00 - <b>10.00</b> (26.2 - 32,8)
Swath width [m(ft)]	0.50 - 2.00 (1.7 - 6.5)	0.50 - <b>2.50</b> (1.7 - 8.2)
Working width side swath [m(ft)]	7.00 (23) + swath	7.50 (24.6) + swath
Pick-up width [m(ft)]	3.50 + 3.50 (11.5 + 11.5)	<b>3.75 + 3.75</b> (12.3 + 12.3)
Belt width [mm(in)]	1000 (40")	1000 (40")
Transport length [m(ft)]	6.40 (21)	6.40 (21)
Transport width [m(ft)]	2.96 (9.7)	2.96 (9.7)
Transport height [m(ft)]	3.95 (12.96)	3.95 (12.96)
Weight [kg]	6600	6600
Tyres	550/45-22.5	550/45-22.5
Area performance [ha/h]	4 - 10	4 - 11
PTO [rpm]	1000	1000
Hydraulic connections required	2 DA + LS	LS
Electric connections required	ISOBUS, 7-pin	ISOBUS, 7-pin
Brake	hydr. / air brakes	hydr. / air brakes



# RESPIRO R9 profi vs. R10 profi

## RESPIRO R9 PROFI

3.5 m PU 1.0 – 335 mm diameter

- Double bearings
- Spoiler optional
- 5 segments

max. 2.0 m swath width central

9 m working width

Swath roller adjustment on both sides

Belt tensioning on both sides

Field Operator terminal

2 double-acting for PU lift

Rake height adjustment via clips

## RESPIRO R10 PROFI

3.75 m PU 2.0 – 335 mm diameter

- New bearings (cutting disc)
- Spoiler integrated
- 3 segments

max. 2.5 m swath width central

10 m working width

Central swath roller adjustment

Central belt tensioning

Fully ISOBUS compatible (terminal optional)

PU lift via terminal

Rake height adjustment via sensors from terminal



# Rotor and swath roller

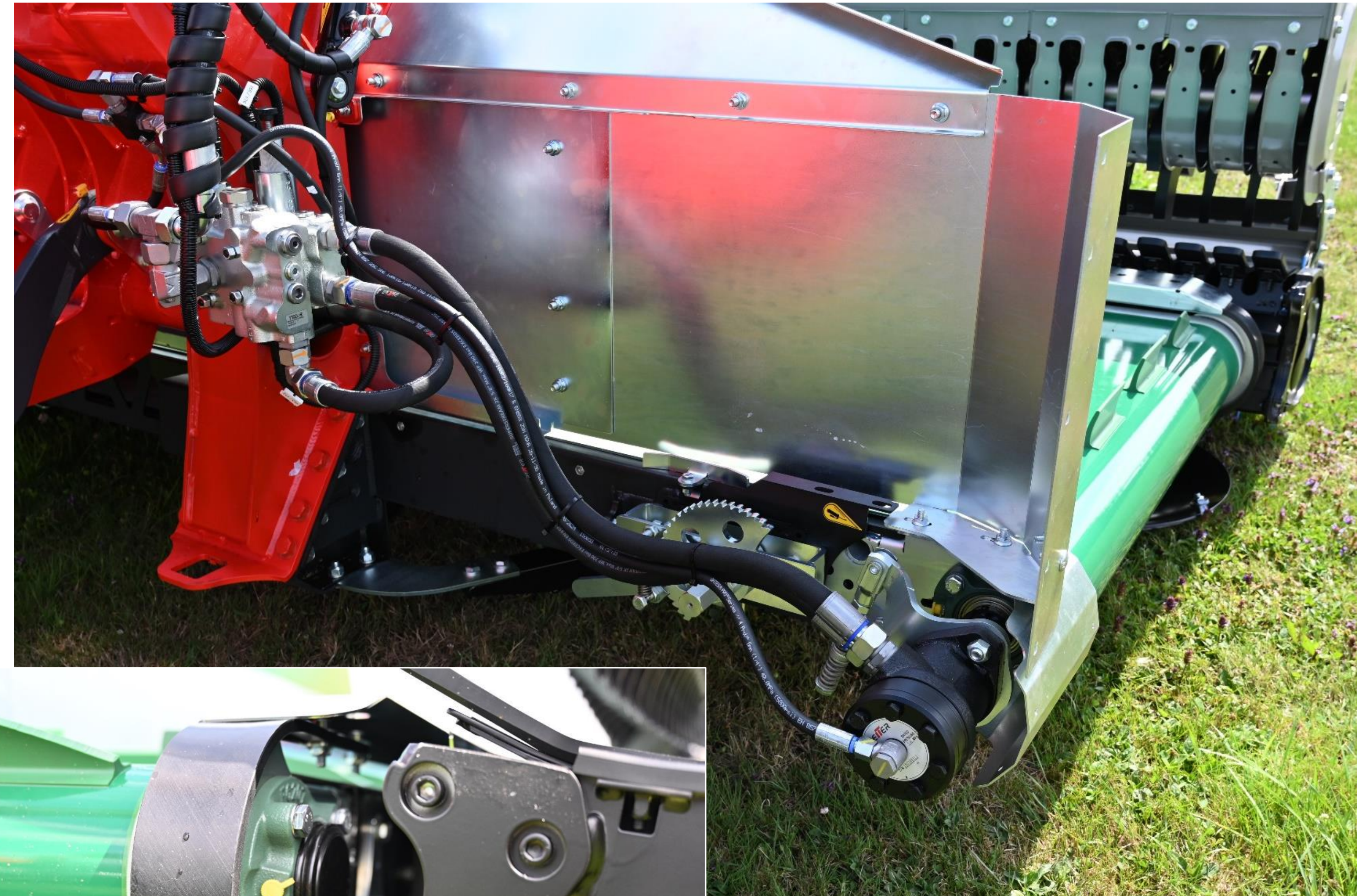
- The rotor ensures an even crop flow and thus uniform swaths
- Hydraulically driven (works synchronously with the pick-up)
- Hydraulic relief
- Central adjustment of the swath roller





# Belt structure

- Robust flange bearing
- Belt motor with spring-loaded torque support
- Rough belt tensioning on the outside
  - Quick release possible – easy to use
- Fine adjustment on both sides only from the rear
  - easy access





# Proven mounting

- Swinging lower link attachment Cat. 2 width 2 and 3
- Pivot point behind lower link axis
  - High manoeuvrability
  - Very good tracking, especially in field corners
- No relative movement between pump and tank
  - Suction and pressure lines do not move
  - Longer service life of hoses
- Support foot on frame
  - Easy attachment
  - Easy maintenance
- Stronger gearbox
  - Designed for up to 56 kW power





# On-board hydraulics

- Hydraulic pick-up, rotor and belt drive
- Double axial piston pump from Bosch Rexroth
  - Flow rate can be adjusted independently of PTO speed on the terminal
  - Perfect adaptation to the harvesting situation
  - Tractor operates in the best working range (torque, consumption)
  - Best efficiency
  - Minimal oil heating
- Recommended PTO speed: approx. 700 - 800 rpm
- 180 litre oil tank integrated into the frame
- Oil cooler runs continuously
  - System temperature remains low
  - Long service life of hydraulic components





# Unique 4-wheel chassis

- Smooth running and perfect ground adaptation
- Precise guidance of the working units – higher working speeds
- Very low ground pressure – ideal for wet conditions (moorland)
- No rocking at the headland
- Extremely suitable for slopes – no tipping, no slipping
- Perfect for single lifting





# Perfect contour guidance

- Lifting gear on the chassis boom
  - 3-point attachment – optimum guidance over uneven ground
  - Always parallel lifting and lowering
- Smart 4-joint kinematics for guiding the working units
  - Two lower links and one hydraulic upper link
  - Torque pole (MP) is below ground level
  - Precise contour guidance – uniform raking height
  - Easy upward movement of the working units
  - The working unit becomes lighter during operation – less wear on the sliding discs, protection of the turf
  - Enables higher driving speeds
  - Long service life

● **MP**





# Spring relief for the working units

- Perfect mechanical relief
- Fast response thanks to spring relief
- Boomerang linkages for even relief over the whole working range +/- 300 mm
- Approx. 200-300 kg load capacity
- Easy adjustment
- Robust and reliable





# Headland position

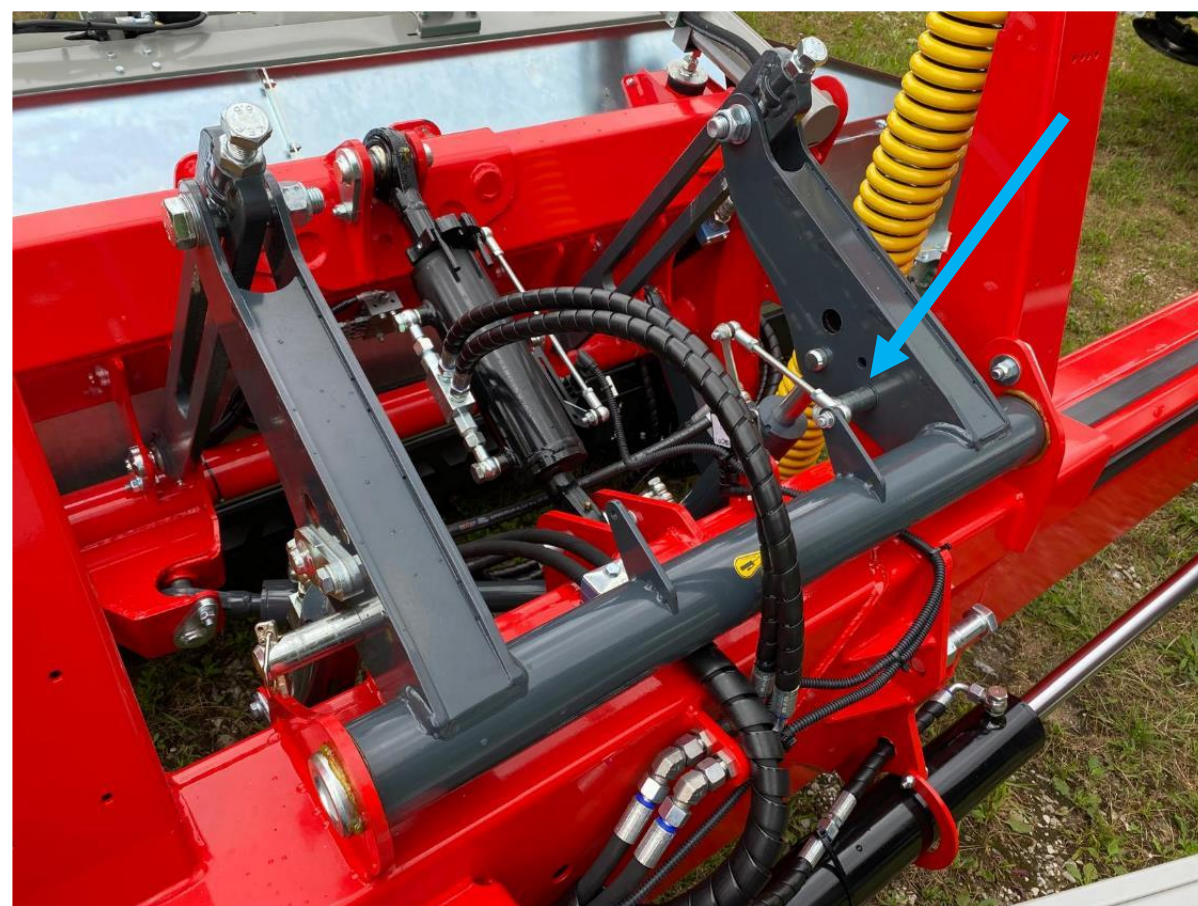
- High ground clearance at headlands
  - 850 mm ground clearance on the pick-up
  - Ideal for driving over placed swaths
- Working units are always lifted parallel to the ground
  - Very fast entry and exit
  - Best productivity at headlands
- Individual lifting possible
  - No rocking thanks to 4-wheel chassis, especially on uneven surfaces, at headlands and on slopes





# Unique straw position

- Floating suspension in straw use thanks to lowering limit
  - enabled by 4-wheel chassis
  - No sparking
  - No stones
- Adjustable slotted struts
  - Levelling of the working units
- Rake height is roughly adjusted via the tractor lift





# Folding / Transport

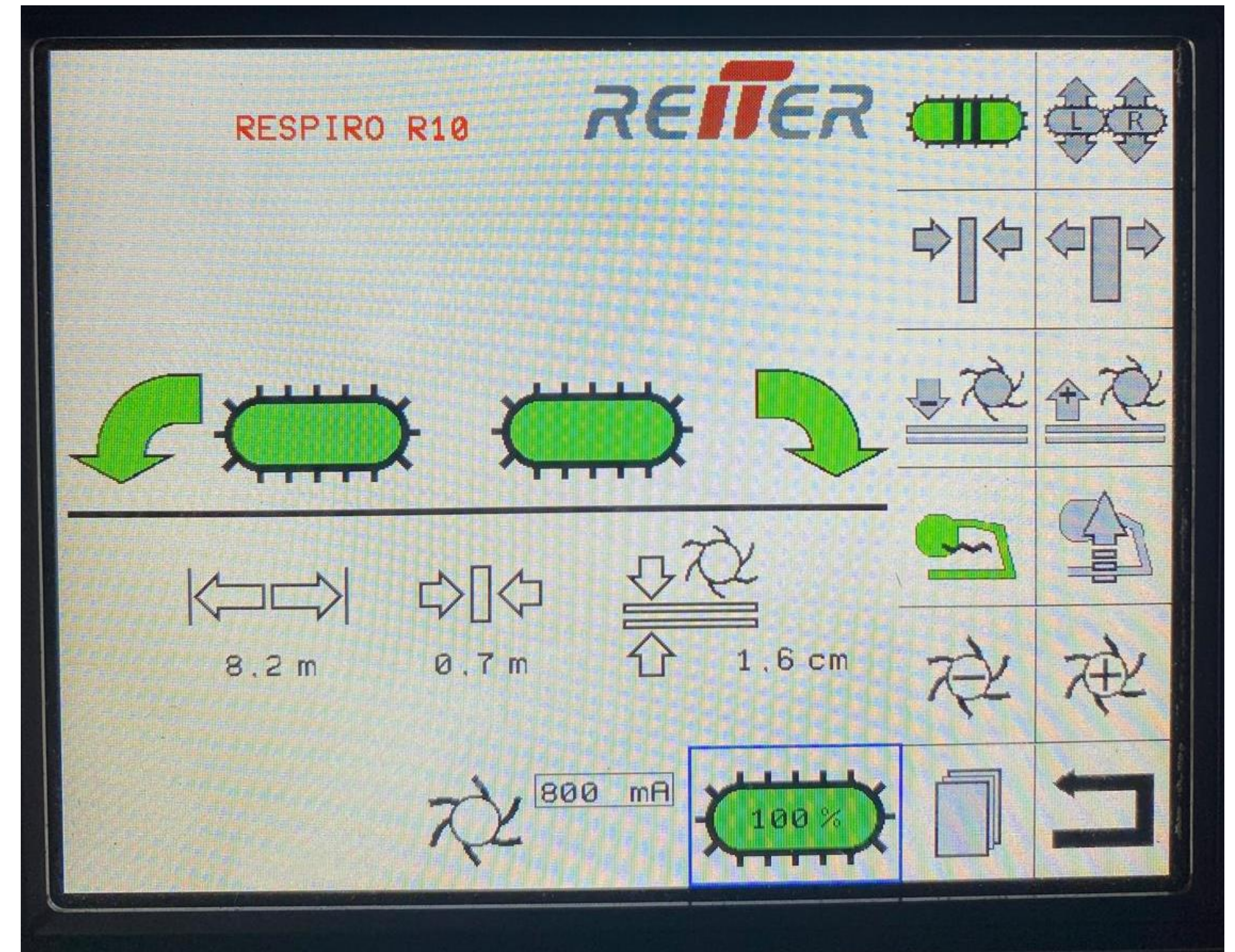
- Folding in and out at the touch of a button
  - Transport width: 2.96 m at the wheels
  - Machine width: 2.60 m – optimum rear visibility
  - Transport height: 3.95 m
- Secure transport locking via double hooks
  - No rocking
- Air brakes + parking brake
- Marker lights and 6x LED work lights





# ISOBUS operation

- Automatic transport folding
- Automatic belt switch / belt stop
- Automatic changeover from working mode or working width
- Rake height adjustment from the terminal
- Memory for 2 rake heights
- Memory for 2 working widths
- Individual lift
- Adjustment of pick-up speed and belt speed
- Automatic speed control
- AUX-N functions





# Terminal (optional)

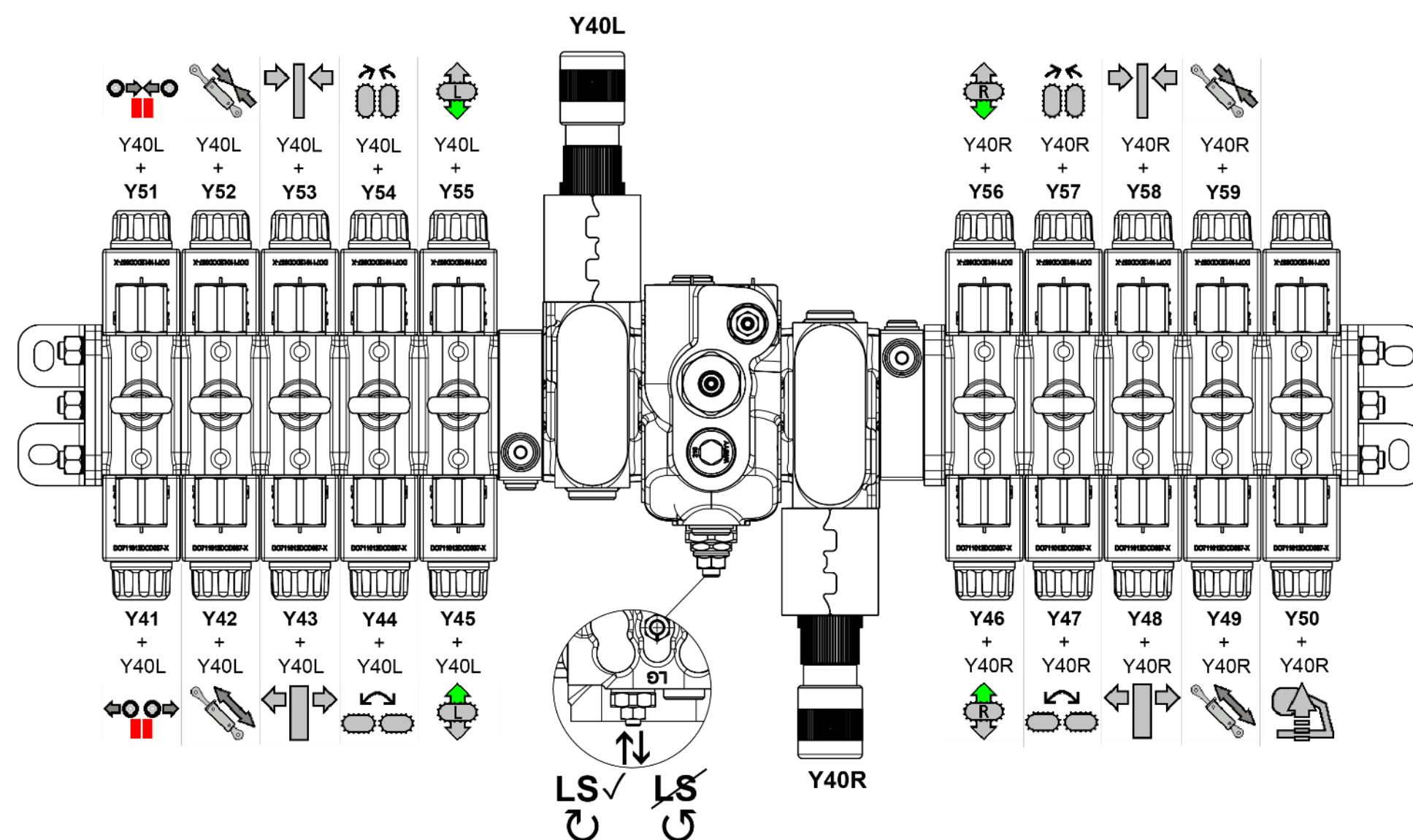
- 5,7" touchscreen
- Foil keypad with 12 operating buttons
- Scroll wheel with confirm function
- Connected to 9-pin incab plug





# Valve block

- Load sensing or pressure circulation
- 10 sections via 2 pilot valves (2x 45 l/min)
  - Faster folding process
  - Faster lifting at the headland
  - Precise rake height adjustment





# Required connections

- Load sensing for comfortable operation – also possible without LS (pressure circulation)
- PTO shaft 1 3/8 6-spline 1000 rpm
- ISOBUS
- 2-line air brake





Pure flexibility – not only in pick-up,  
but also in swath placement:  
3-50 m for ideal harvesting  
performance

