

## Press release December 2021

### Respiro: the technology for more forage productivity

#### Swathing with joy

The problems of swathing, especially under difficult conditions, are well known in practice: contaminated forage, poor ensiling quality, poor forage intake, high crumble and leaf losses, lower milk yield, higher veterinary costs, high wear on the forage harvester and on the cutting units of balers and loader wagons. This list could be extended by many more factors. What is clear is that sweeping the crop over the ground is the main problem. We need to move from sweeping to lifting. The battle for top quality is won or lost on the first 5 cm above ground. The motto must be: minimum ground contact by the pick-up tines and gentle lifting. To achieve this, the pick-up must not be rigid and the tines must not adopt an aggressive position. This is precisely where the revolutionary Respiro technology comes in.

The elastic, small-diameter pick-up, guided by freely rotating sliding discs, adapts perfectly to the ground. As a result, aggressive contact with the soil by the pick-up tines is largely ruled out. If contact does occur, it is cushioned softly by the dragging tines. The result for the diverse harvesting conditions: it doesn't get any better than this! The critical observer recognises the following difference between the systems: no matter how well the rotary rake is adjusted and how gently it works, the massive tines sweep aggressively over the soil.

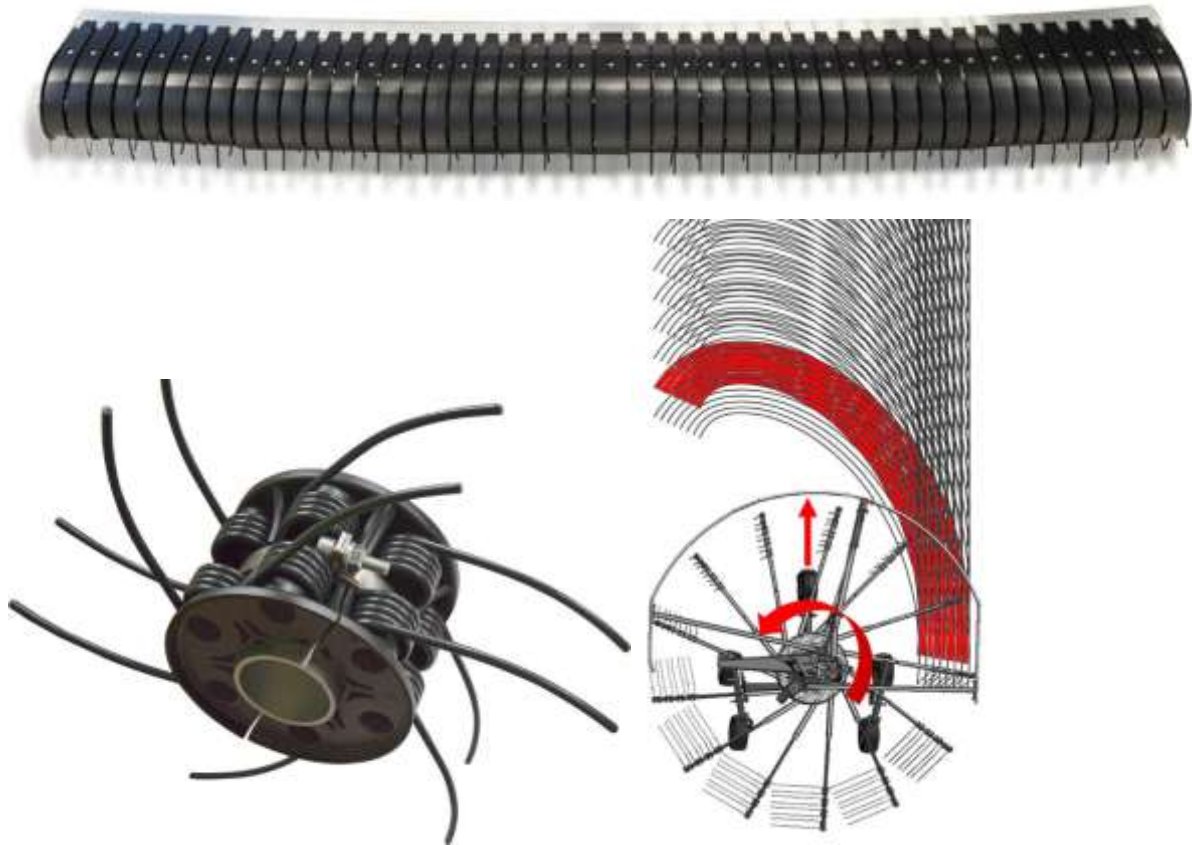
Let's go to the scene of the action for a moment - the first 5 cm above ground. The rotary rake is approaching, but now stress is setting in: usually about 50 pieces of double tines sweep across the soil surface at high speed. If you have sharp hearing, you can already hear the first collisions of the tines with stones or the ground. Locally, a storm is indeed brewing. Everything that is not firmly anchored in the ground is swept away by the wave of forage in front of the tines and lands in the swath. Nicely swept up, you don't see much of the "devastation" on the outside, but inside the swath, especially near the ground, dirt and foreign bodies are buried.

This is completely different with the Respiro technology. The elastic pick-up, guided by the four sliding discs, glides almost silently over the ground. The tines barely touch the ground. The forage carpet rises gently directly in front of the pick-up - no dirt, stones and various foreign bodies are pushed together. No unnecessary loss of leaves and crumbs.

Top marks for the clean and effective lifting of a wide variety of crops. The picked-up crop is then placed fluffy into the windrows via the cross conveyor belts.

This is the simple yet outstanding secret of Respiro's technology. Swathing with joy and increase forage productivity at the same time. Achieve more profit. Everything else is incidental.

At the end of the day, you have the good feeling of having done it right.



You can find this text and further picture material on the homepage at:

<https://www.reiter-respiro.com/reiter-presse/>

If you have any further questions, please do not hesitate to contact us:

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