

PRESS RELEASE

Kverneland Unveils Next Generation Swath Belt for 10m Triple Mower Combination

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The new, intelligent BX belt solution from Kverneland features a host of automatic functions aiding to productive mowing.

Kverneland now introduces a BX version of the newly developed 10m triple mower combination. A new and redesigned swath belt solution that incorporates smart solutions to make it truly intelligent.

The BX Belt – Reinvented by Kverneland

For Kverneland's largest mower conditioner, the 53100, no challenge or job is too demanding. With the new BX swath belt it offers significant possibilities to improve productivity and quality of output. The concept of merging crop, using a swath belt, was originally invented by Kverneland (Taarup) in 1984, and with the new smart solutions the belt concept is taken to new levels.

The Swath Belt that Automatically Adjusts

The Kverneland BX is primed to maximise working capacity and utilise the full capacity of the 53100 without compromising on quality of work. A general hallmark of the 53100 series is its ability to constantly adjust and optimise working width and overlap, without the need to stop and reset ground pressure.

Kverneland BX automatically does the job of adjusting belt speed to working width, for the same uniform swath width, regardless of position of mowing units. If the mowing units are sideshifted to adjust overlap, the speed of the belts immediately adjusts, to compensate for the change in throwing distance needed. When increasing the overlap for mowing around corners, belt speed is lowered to ensure that crop is placed as intended.

In combination with GEOMOW, that provides automatic GPS steered overlap control and constantly optimises on overlap and working width, this means maximum working capacity, excellent operator comfort and an even, uniform swath formation.

In addition Kverneland BX also detects when a belt or mowing unit is raised, and immediately compensates to ensure crop stays within the intended swath width. Belt speed of the working belt is automatically reduced, to avoid crop “flying over” the centre swath.

Shape the Swath As You Want

Kverneland BX is designed to handle more tasks than ever before. Working in heavy first cut crop, combined with a narrow pick-up width of the following machine, may cause challenges in getting the swath narrow enough. Kverneland BX offers the possibility of positioning the swath belt in different operating heights, to deliver the crop on top of the swath made by the front mower, to make a narrow and box shaped swath. Delivery height is set by lowering or raising the belt hydraulically on-the-go. This allows the full-width 3m BX belts to deliver swaths that are directly suited for loader wagons.

With the new dual adjustable conditioner plate, efficient crop flow towards the swath belt is easily set. The Kverneland 53100 provides a unique opportunity to adjust the conditioner plate at both front and rear ends, to optimise crop flow towards the belts for efficient swath formation, without leaving any material behind.

Master Headlands

When the mowing units are activated for headland lift, an integrated belt boost automatically speeds up, to empty the belts before they are raised, leaving a clean and tidy headland. Furthermore the AutoStop is activated once belts are raised, automatically stopping them until mowing units are lowered again, keeping fuel consumption low.

Multi-Talented Mower Conditioner

Versatility is further enhanced by the three-in-one solution offered by the Kverneland 53100 BX, allowing one large swath, three single swaths or full width wide spreading. The standard fitted swath plates are easily slid into position for the desired swath width. If conditions require wide spreading, the standard fitted FlipOver wide spreading vanes are activated in seconds.

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Technical Specifications, Kverneland 53100 MT BX and 53100 MR BX

	Kverneland 53100 MT BX	Kverneland 53100 MR BX
Working Width	10.2m in combination with a 3.6m front mower conditioner 9.8m in combination with a 3.2m front mower conditioner	
Weight	3400kg	3570kg
Number of Discs	2x9 round discs	2x9 round discs
Conditioning	SemiSwing Steel Tines	Roller Conditioning
Hydraulics	Belts are driven by tractor hydraulics - LS	

Download high resolution images of the Kverneland 53100 BX here:

[Download Image 01](#)

Text: The new BX solution from Kverneland. 3m wide BX belts on 10m triple mower combination.

[Download Image 02](#)

Text: The BX swath belts automatically adjust belt speed to working width, for the same uniform swath width, regardless of position of mowing units.

Download Image 03

Text: Kverneland BX offers the possibility of positioning the swath belt in different operating heights, to deliver the crop on top of the swath made by the front mower, to make a narrow and box shaped swath

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