

Rollex  
Rexius  
NZ Mounted  
NZ Aggressive  
RexiusTwin

VÄDERSTAD

High quality tillage





# Where farming starts

Together with farmers all over the world, we have spent the last three generations creating machines that make any farmland find its full potential. The high quality Väderstad planters, seed drills and tillage equipment give farmers a head start by covering more ground in shorter time without losing perfection.

Together we make you an even more successful farmer.

# Rollers

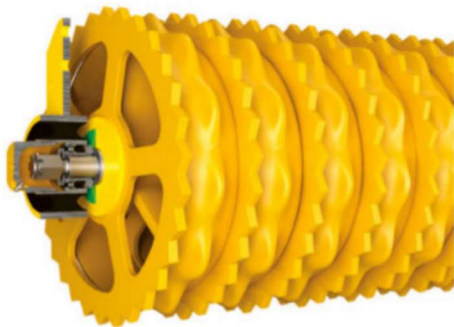
Väderstad offers a broad selection of levelling and cultivating rollers, all of which have an ingenious construction delivering great results during a long working life.





## Unique suspension maximises working life

The roller bearings rubber suspension absorbs impacts. This eliminates heavy shocks which in turn significantly increases the working life of bearings, rings, axles and the machine frame. In addition, the tightened ring package increases the axle shock resistance.



### Automatic quality assurance

To ensure the rings perform at peak level year after year, the Väderstad roller ring packages are equipped with spring washers. These unique components automatically tighten the roller ring packages during field work. This means that the rollers' ability to level the field by pressing down stones and crushing clods is maintained, without the need of complicated adjustments. Furthermore, this avoids wear created from movement of the rings, saving wear parts costs.

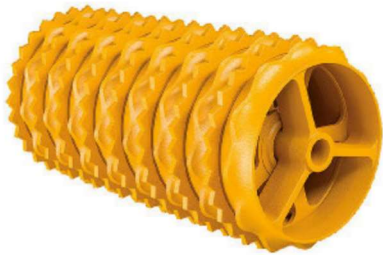


### Undisturbed by obstacles

The roller sections pivot at the end of each main section offering exceptional contour following. When rolling over an obstacle the neighbouring roller segments will support its weight, doubling the weight applied without any hydraulic weight transfers. This ensures stones are effectively pressed down without compromising the levelling result.

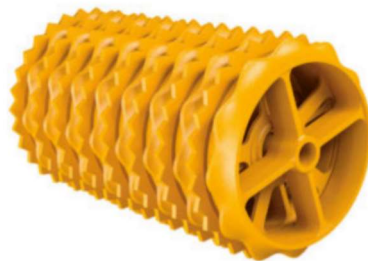
# Roller rings according to requirement

Depending on the farms requirements. Väderstad offer roller ring options for both seedbed preparation and rolling after drilling.



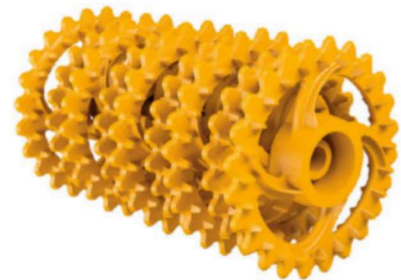
## Cambridge The universal ring

Cambridge is the ideal ring for traditional rolling in leys or growing crops, after drilling or in spring. The large serrated ring is designed to give a driving action, while the narrow ring gives the roller a soil cultivating ability, while also acting as a cleaner.



## Cambridge HeavyDuty Maximum consolidation

Where an extra reconsolidating effect is required to restore capillarity, the large diameter and heavy weight of the Cambridge HeavyDuty ring offers benefits. The large diameter decreases bulldozing which is a benefit in lighter soils. The Cambridge HeavyDuty ring offers cost control, with a 5 year warranty.



## Crosskill Increased cultivation

Crosskill is a soil cultivating ring with aggressive profile that leaves a loose, crusting resistant surface while reconsolidating the soil at depth. The different ring diameters not only give a self-cleaning effect but also offset behaviour, processing more soil in light conditions and consequently lowering the draught requirement.



## Improved results in moist conditions

By allowing the thinner roller rings between the main Cambridge rings, to move within a large operating range the cleaning action is improved. This widens the usage of the machine in moist conditions.

# CrossBoard Heavy for perfect levelling

CrossBoard Heavy adds further levelling capacity to the roller. This increases versatility, whilst decreasing the number of passes required to create a seedbed. The row of CrossBoard tines vibrate intensively, improving the grinding of the clods.

## Doubled levelling effect

The double-acting stabiliser bar connects the CrossBoard tines to one single unit, preventing separate tines to move either forward or backward. Locking the tines in both directions prevents clods from slipping by individual tines, or that a tine deepens an already existing hole. This radically increases the capacity to both level the field and crush clods.

## Multiple segments works as one

The hydraulics of the CrossBoard sections are fitted with a master and slave function. This ensures that all segments remain perfectly aligned across the whole working width, a must for an even work result. To further ensure that the CrossBoard always keeps its working angle it is equipped with pressure steered return valves.



# Added crust and clod breaking

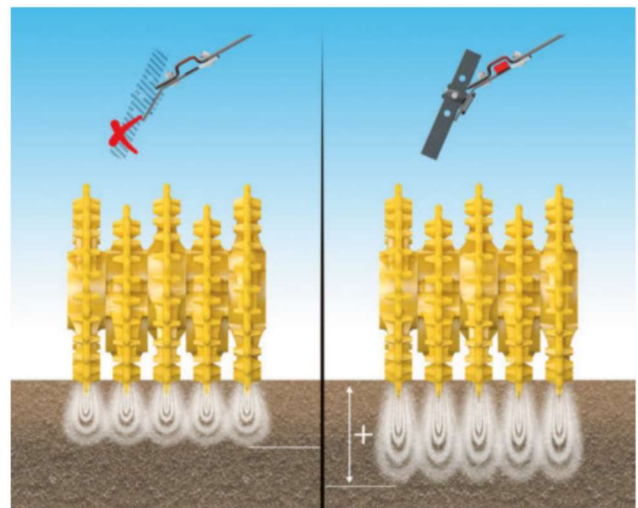
The CrossBoard Heavy can be equipped with the additional tools SingleKnife or DoubleKnife. The SingleKnife cuts clods in the top soil in order to reduce clod sizes. Where there is a hard crust, the DoubleKnife breaks the surface to allow the crop to emerge.

## SingleKnife increases the roller performance

The main challenge for the roller in seedbed preparation is to create a well reconsolidated seedbed with a high degree of fine tilth in one pass. The roller accomplishes this by crushing clods, levelling and reconsolidating at depth. When conditions are harsh, the SingleKnife both improves the creation of fine tilth and the reconsolidation effect.



*In addition to cutting the furrow, the SingleKnife feeds the CrossBoard with more material, boosting the creation of fine tilth further.*



*SingleKnife increases the working depth and thereby also the reconsolidation of the roller. This restores capillarity and secures moisture access for the crops.*

## DoubleKnife secures crop emergence

A hard crust formed after seeding may cause severe yield losses. By enabling crust breaking, DoubleKnife adds an additional task for the roller, making it more versatile. The DoubleKnife on the CrossBoard breaks the surface to allow the crop to emerge.





## BioDrill turns the roller into a seed drill

With the mountable small-seeder BioDrill 360 it is possible to seed ley, catch crops and other small-seeded crops together with the rolling operation. This saves passes, time and money.



### Precise radar control

BioDrill 360 is equipped with a precise radar controlled metering system, ensuring an even distribution over the entire working width. This accuracy is fully measurable to a full-scale seed drill, important when drilling low seed rates or cover crop mixtures with varying seed sizes.



### Exact seeding result

BioDrill 360 is equipped with a powerful hydraulic fan and precise spreader plates allowing for large quantities of seed to be uniformly distributed over a wide working width. The powerful fan ensures the seeding result remains constant in all field conditions.



# Rollex 450-620

Rollex 450-620 is a roller, available in 4.5, 5.1 or 6.2 metre working width. By combining versatility with high quality and productivity, Rollex has become a popular concept. You benefit from high quality design and perfect working results on the field.



Rollex has a strong frame, hardened bushes and high quality roller rings, ensuring a long working life. The rollers are equipped with axles made of micro-alloyed special steel of the highest quality. To minimise ring wear in the field, Rollex is fitted with unique spring washers between the roller sections.

#### **Undisturbed by obstacles**

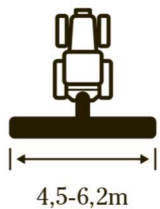
The roller sections pivot at the end of each section. This ensures stones are effectively pressed down, without compromising the levelling result. You benefit from an even surface, where all plants get the same growing environment.

#### **Pick up stones when you see them**

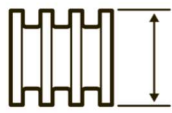
Rolling is often a perfect opportunity to clear the field of stones that have come up to the surface during tillage or frost periods. With the optional stone trays fitted on Rollex, large amounts of stones can be picked up quickly and easily. After rolling, the field is left ready for drilling or harvesting with no risk of stone damage to machinery.

#### **Easy to transport**

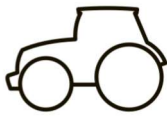
Rollex offer great mobility, both on the field and in transport. When folded, the transport width fits under 2.8 metres. The folding technique of the roller lowers the centre of gravity, making transport safer.



4,5-6,2m



485-520mm



>55hp



1800-2900kg

### Front tools



CrossBoard Heavy

### Roller rings



Cambridge



Crosskill

# The versatile roller



*The stone trays fitted on Rollex, stones can be picked up directly from the field.*



*To allow convenient transport between fields, Rollex folds to 2.8 metre transport width.*

# Rexius 650-1230

Rexius 650-1230 is a heavy-duty roller, available from 6.5 to 12.3 metre working width. Its heavy-duty construction, with a weight up to 650kg per working metre, delivers an impressive consolidation.



## **Ingenious weight transfer**

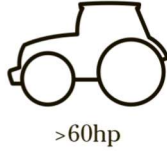
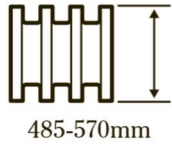
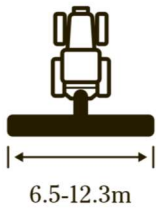
To ensure an even load on the outer section of the wider Rexius models, a heavy-duty spring transfers weight from the neighbouring sections. This further guarantees stones are effectively pressed down, without compromising the levelling result. Since there is an even load distribution over the other sections, the need for hydraulic weight transfer is eliminated.

## **Heavy-duty construction**

Rexius has a powerful frame, maintenance-free joints, hardened bushes and high quality roller rings, ensuring a long working life. The rollers are equipped with axles made of micro-alloyed special steel of the highest quality. To minimise ring wear in the field, Rexius is fitted with unique spring plates between the roller sections.

## **Pick up stones when you see them**

Rolling is often a perfect opportunity to clear the field of stones that have come up to the surface during tillage or frost periods. With the standard fitted stone trays, large amounts of stones can be picked up quickly and easily. After rolling, the field is left ready for drilling or harvesting with no risk of stone damage to machinery.



### Front tools



CrossBoard Heavy

### Roller rings



Cambridge



Cambridge HeavyDuty



Crosskill

# The heavy-duty roller



*Heavy-duty springs transfer the weight to ensure an even load on all sections of the machine.*



*The folding technique of the roller lowers the centre of gravity, making transport safer. Despite Rexius' wide working width, the transport width is 2.5 metres.*

# Accessories



## Drawbar and towing eye

The following options are available: towing eye 40/50mm, Ball coupling 80mm, Ball towing eye 42/51/71mm.



## SingleKnife

The SingleKnife will cut clods in the top soil in order to reduce clod sizes. It is fastened with the Väderstad Quick-Change System - no tools needed.



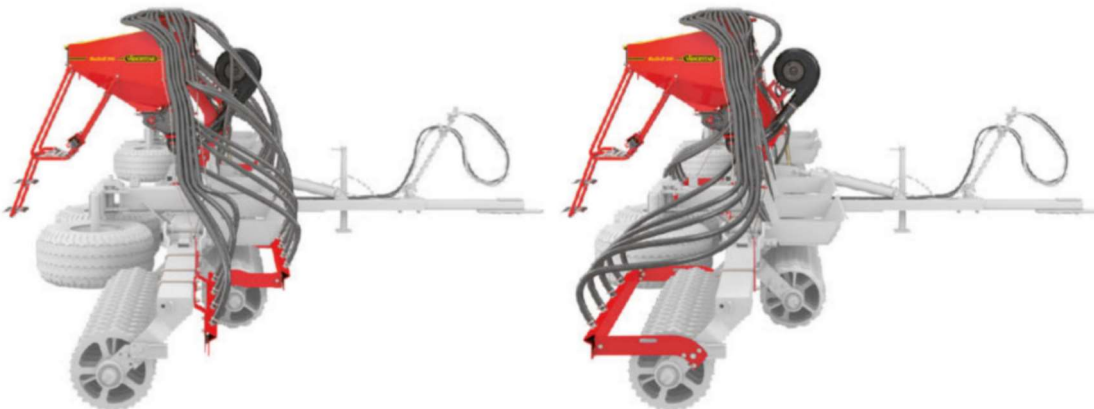
## DoubleKnife

Where there is a hard crust, the knife tool DoubleKnife breaks the surface to allow the crop to emerge. It is fastened with the Väderstad QuickChange System - no tools needed.



## BioDrill 360

The mountable small-seeder BioDrill 360 enables seeding together with the rolling operation.



## Spreader plates

Front or rear mounted spreader plates for BioDrill 360 on Rexius 1020-1230.

	<b>RX 450</b>	<b>RX 510</b>	<b>RX 620</b>
Working width (m)	4.5	5.1	6.2
Transport width (m)	2.3	2.8	2.8
Transport height (m)	1.4	1.4	1.4
Number of sections	3	3	3
Weight with Crosskill (kg)	1800	2100	2400
Weight with Cambridge (kg)	1900	2200	2500
Weight with CrossBoard (kg)	300	340	400
Number of CrossBoard tines	18	20	24
Wheel dimension	10,0/75-15.3	10,0/75-15.3	10,0/75-15.3
Hydraulic requirements	1 SA*	1 SA*	1 SA*
Draught requirements (hp)	55-80	60-90	70-100

	<b>RS 650</b>	<b>RS 820</b>	<b>RS 940</b>	<b>RS 1020</b>	<b>RS 1230</b>
Working width (m)	6.5	8.2	9.4	10.2	12.3
Transport width (m)	2.5	2.5	2.5	2.5	2.5
Transport height (m)	2.5		2.5	2.5	2.5
Number of sections	3	5	5	5	5
Weight with Crosskill (kg)	3300	4100	4400	4700	-
Weight with Cambridge (kg)	3300	4100	4400	4700	5800
Weight with Cambridge HeavyDuty (kg)	4300	5600	6200	6500	7700
Number of CrossBoard tines	24	32	36	38	46
Wheel dimension	400/60-15.5	400/60-15.5	400/60-15.5	**400/60-15.5	**400/60-15.5
Hydraulic requirements	*1-2 DA	*1-2 DA	*1-2 DA	*1-2 DA + 1 SA	*1-2 DA + 1 SA
Draught requirements (hp)	70-120	90-150	100-170	110-190	130-220

SA= Single acting

DA=Double acting

\*= With CrossBoard Heavy you need 2 DA

\*\*=Tandem wheels are standard on RS 1020 and RS 1230

# Reliable and durable farm machinery



*2-year warranty on  
Väderstad seed drills,  
planters and tillage  
equipment.*



*Lifetime manufacturing  
warranty on all genuine  
Väderstad discs.*



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