

# HE-VA

## Front-Roller

Stay in Front



## Technical Specifications



	Cambridge	Star Ring	TWIN Star	Crosskill	V-Profile

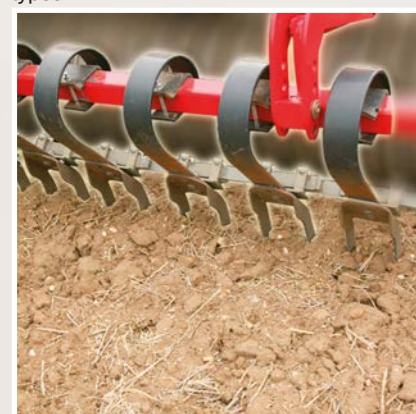
Working Width, m	RING SIZE	510 mm	560 mm	620 mm	450/500 mm	550/600 mm	450/450 mm	550/550 mm	485/530 mm	550/600 mm	600 mm	700 mm
	SPOKES	3	9	10	-	-	-	-	-	-	-	-
<b>1-SECTION RIGID MODELS</b>												
1.50 TRANSPORT 2.00	WEIGHT, KG	620	750	820	640	790	560	650	550	740	590	570
	RINGS, PCS.	29	29	29	30	30	17	17	15	15	12	10
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
2.60 TRANSPORT 2.60	WEIGHT, KG	930	1,160	1,260	980	1,240	930	980	730	1,050	890	850
	RINGS, PCS.	45	45	45	42	42	30	30	25	25	19	17
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
3.00 TRANSPORT 3.00	WEIGHT, KG	1,060	1,330	1,450	1,110	1,410	940	1,120	830	1,170	1,020	970
	RINGS, PCS.	53	53	53	50	50	35	35	27	27	23	18
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
3.50 TRANSPORT 3.50	WEIGHT, KG	1,190	1,500	1,640	1,240	1,590	1,080	1,290	950	1,340	1,150	1,110
	RINGS, PCS.	61	61	61	60	60	41	41	31	31	27	22
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
4.00 TRANSPORT 4.00	WEIGHT, KG	1,510	1,510	2,040	1,560	1,970	1,370	1,610	1,210	1,680	1,460	1,390
	RINGS, PCS.	75	75	75	70	70	47	47	37	37	31	24
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
<b>2-SECTION HYDRAULIC MODELS</b>												
3.00 TRANSPORT 2.13	WEIGHT, KG	1,240	1,410	1,630	1,290	1,590	1,120	1,300	1,010	1,350	1,200	1,150
	RINGS, PCS.	53	53	53	50	50	35	35	27	27	23	18
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
<b>3-SECTION HYDRAULIC MODELS</b>												
4.00 TRANSPORT 2.60 - 2.75	WEIGHT, KG	1,660	2,020	2,180	1,710	2,120	1,520	1,760	1,360	1,830	1,610	1,540
	RINGS, PCS.	75	75	75	70	70	47	47	37	37	30	24
	AXLE, MM	60	60	60	60	60	60	60	60	60	60	60
5.00 TRANSPORT 2.85 - 3.00	WEIGHT, KG	1,960	2,440	-	2,060	2,570	1,780	2,080	1,590	2,180	1,900	1,820
	RINGS, PCS.	95	95	-	90	90	59	59	47	47	38	30
	AXLE, MM	60	60	-	60	60	60	60	60	60	60	60
6.00 TRANSPORT 2.85 - 3.00	WEIGHT, KG	2,350	2,940	-	2,410	3,030	2,140	2,500	1,910	2,630	2,270	2,180
	RINGS, PCS.	115	115	-	110	110	71	71	57	57	46	36
	AXLE, MM	60	60	-	60	60	60	60	60	60	60	60

Working Width, m	Type	Front-Harrow		Spring-Board		Transverse Locking System, kg	Double Frame, kg	Top-Cutter	
		Number of Tines	Weight, kg	Number of Tines	Weight, kg			Diameter incl. knife, mm	Weight, kg
2.60	Fast	15	158 - 183	10	185	30	42	Ø390	310
3.00	Fast	17	177 - 205	12	235	35	42	Ø390	350
3.00	Hydr.	17	185 - 213	12	245	39	42	Ø390	375
3.50	Fast	20	201 - 234	14	255	41	42	Ø390	400
4.00	Fast	23	254 - 292	16	275	47	78	Ø390	450
4.00	Hydr.	23	275 - 314	16	460	51	-	Ø390	475
5.00	Hydr.	29	330 - 378	20	515	55	-	Ø390	575
6.00	Hydr.	35	397 - 455	24	570	71	-	Ø390	675

## Extra Equipment

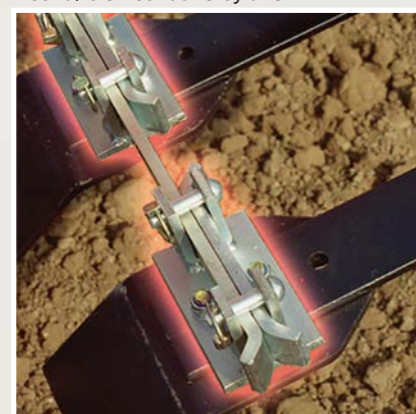
### Slicing Plates

Cuts and breaks the soil and clods much more effectively than the standard points on the Spring-Board. Used for heavier soil types.



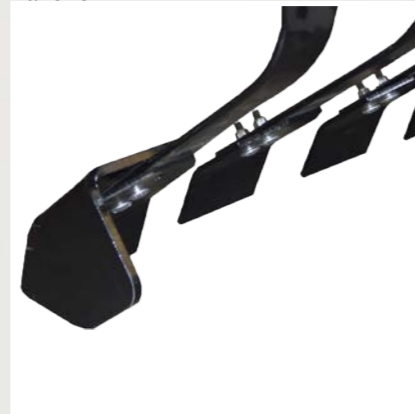
### Transv. Lock. System

The levelling effect of the Spring-Board is increased by locking the tines together, making it one complete "board". Easy to mount / dismount tine by tine.



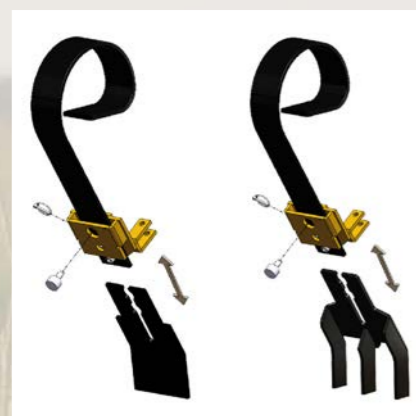
### Edge Equipment

To ensure that the soil is retained within the working width, edge equipment can be mounted on all Spring-Boards and Front-Harrows.



### Easy-Change

Easy-Change kit for quick change between normal plate on Spring-Board and crust breaker tip. Mounting on standard tine.



### Stabilization Device

Recommended for use with tractors with GPS. For working widths from 5 m.



### Warning Boards

Detachable warning boards for safer driving.



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HE-VA reserves the right to make design and construction changes without notice



# Front-Roller

## Effective crushing and consolidation to create the ideal seedbed

Front-Roller provides an even consolidation over the entire width and is suitable for shredding the surface so the best conditions for the optimal seed bed are achieved.

Combined with a full width Spring-Board, better leveling and tillage is achieved and, at the same time, a significantly better soil compaction on the leveled and tilled ground. This results in fewer overpasses with large savings as a result.

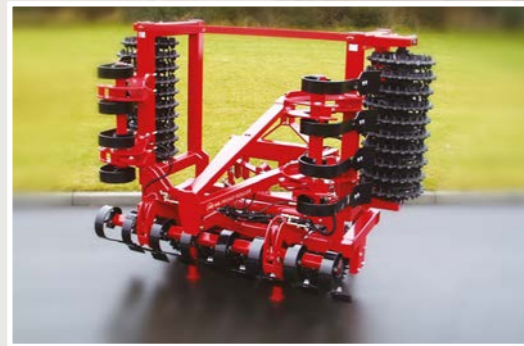


Front-Roller shown with 620 mm Cambridge rings.

### 1-, 2-, 3-section models



The rigid Front-Roller models are available in 1.50, 2.60, 3.00, 3.50 and 4.00 m working widths.



Front-Roller with hydraulic folding is available in 4.00, 5.00 and 6.00 m working widths.

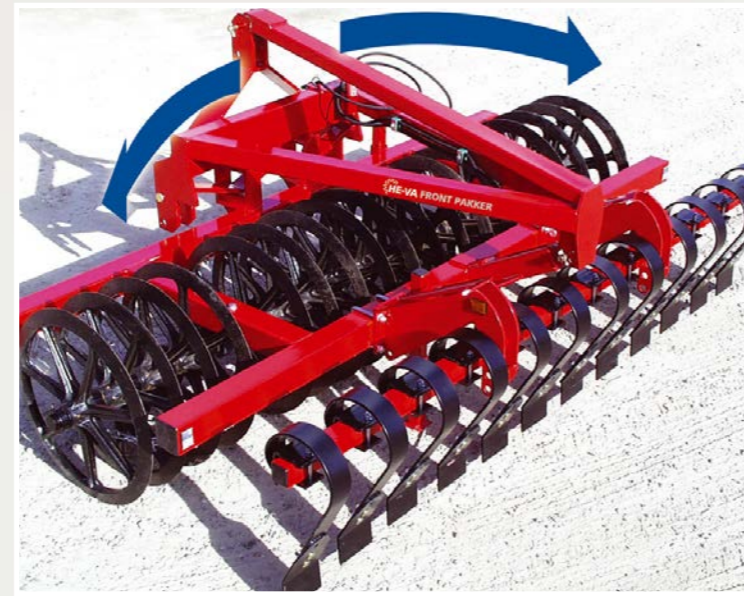


Front-Roller - 3.00 m - 2-section - Hydraulic



## On all front equipment you get...

Cat. II three point linkage with integrated steering.



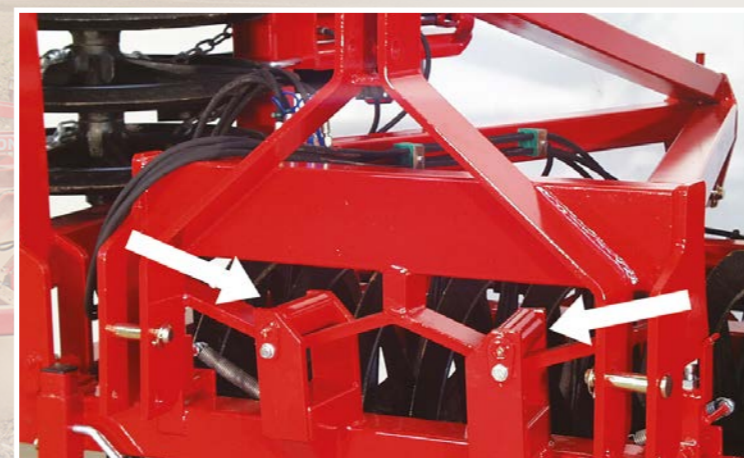
### STEERING

With the integrated steering, the Front-Roller is actually trailed rather than pushed - ensuring that it follows the nose of the tractor steering smoothly even at speed.

The steering rollers (pictured below) self-centre the press to prevent it swaying around when lifted to turn on the headland or in transport.

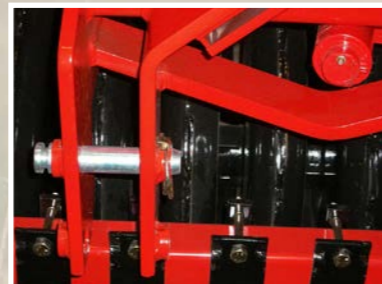
### HEAVY DUTY HEADSTOCK

As with all HE-VA Front Equipment, the headstock is designed to cope with the heaviest ring combination and attachment of a front harrow or a Spring-Board.



### BUSHES

To increase the service life of the Front Equipment, it is equipped with bushes for pins, locked by the ring split.



### Ring Types

Choose the rings best suited for the job at hand. HE-VA will produce the Front-Roller of your choice, making it easier for you to improve cultivation and consolidation.



#### Cambridge

Front-Roller is available with 510 mm, 560 mm or 620 mm Cambridge rings with 3, 8, 9 or 10 spokes, suitable for crushing clods and consolidation of the soil in the top 10 cm. Cambridge leaves the surface nicely structured and even. The breaker rings increase the aggressiveness on heavier soil and keep the rings clean.



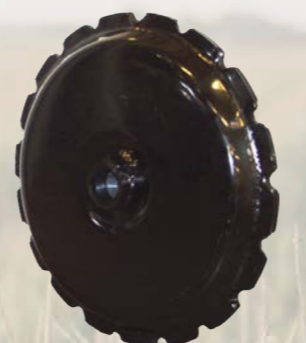
#### Crosskill

Front-Roller is available with 485/530 mm and 550/600 mm Crosskill rings, which work aggressively on the soil and leave a fine loose soil layer ready for seeding. For the Crosskill not to stick to/fill with soil, every other ring is larger and movable on a loose hub, achieving the same radius towards the ground and thus even soil compaction. When the soil has to release the rings, the loose rings are pressed up, which makes the self-cleaning better.



#### Star ring

Front-Roller is available with 450/500 mm and 550/600 mm star rings, which leave the soil packed with a loosely structured and slightly ridged surface. Chosen where the Front-Roller, in addition to roller tasks, is also used for soil compaction and the production of seedbeds.



#### V-Profile

Front-Roller is available with 600 mm and 700 mm V-Profile rings, which leave a perfect surface finish. With a high level of robustness, this ring type can handle very stony fields and even large rocks.

### Front-Roller TWIN



Front-Roller Twin er her vist i 3,00 m arbejdsbredde med 550/550 mm Stjerneringe monteret og Spring-Board med standard 8 x 150 mm spidser. Maskinen fås desuden også med 450/450 mm stjerneringe.

Denne maskine pakker jorden særdeles effektivt via den dobbelte stjernevalse, og efterlader jorden med en struktureret og løs overflade, som er særdeles velegnet til den efterfølgende såning.

### 600 and 700 mm V-Profile

This strong V-Profile ring is produced out of pressed 5 mm steel plates - castellated - forming the aggressive profile. Hereby a higher strength level is achieved.



The good strength qualities, its high weight together with the steel scrapers between the rings, make this ring highly suitable for sticky and clayey soils.

The rings can turn individually but are linked by a series of lugs that ensure they all drive together and continue to turn in wet and sticky conditions.



# Extra Equipment

## Spring-Board and Front-Harrow

For extra cultivation, levelling and consolidation add the Spring-Board or the Front-Harrow and you will save work, time and money.



All machines that incorporate a Spring-Board have hydraulic adjustment of the working depth, so that the aggressiveness can be adjusted on the move or the Spring-Board lifted

out of work completely if the conditions dictate. The numbered gauge that can be viewed from the tractor seat sets the angle of work or the conditions in hand.



## Top-Cutter



Top-Cutter beskærer effektivt stubbe og afgrøderester uden at ødelægge rødderne og bidrager dermed med en stor grad af fleksibilitet til processen med at skabe et falsk såbed efter høsten.

Det unikke design med en lukket rørkonstruktion forhindrer, at jord og restprodukter indsamles i og klæber til Top-Cutter, og sikrer en kontinuerlig høj grad af effektivitet uden unødvendige stop i marken.

Top-Cutter er særligt velegnet til majs- og rapsstubbe, samt til efterafgrøder.