

HE-VA Rolls

Swing- & King-Roller

- Our widest ever range - 10.2 - 20.3 m -
covers every need



HE-VA
ROLLS

HE-VA KING ROLLER - 12.3 m, 15.3 m, 16.3 m, 18.3 m & 20.3 m

**Now even wider to cover
more ground even faster !**



**Supreme contour following
ensures consistent, high
quality results across the field**

With working widths of 12.3 m, 15.3 m, 16.3 m, 18.3 m or 20.3 m the new HE-VA King-Roller meets the increasing demand for wider and heavier rolls.

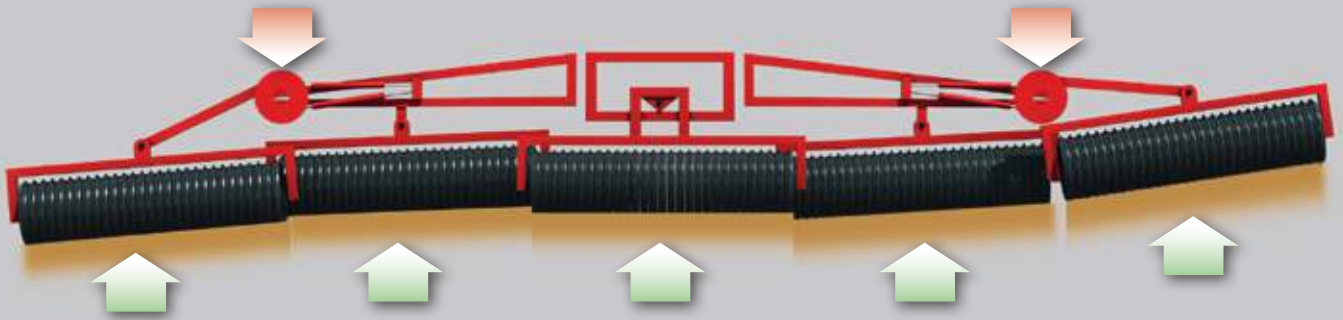
IMPRESSIVE EFFICIENCY

A 20.3 m King-Roller,
travelling at 8km/hr. with a driver driving at 90% field efficiency,
will cover:

14.6 ha per hour



Free floating centre-suspended roller sections (↑)



Unique SAT-System

King-Roller's hydraulic folding system is linked to two accumulators and a pressure gauge. The pressure gauge allows the operator to set the weight transfer level to ensure even consolidation across the full width. The King-Roller's main frame is supported by the two wing sections (O) cf photo. By this SAT-System the necessary part of the roll's weight is transferred to the centre and the outside wing sections. (-> □) cf photo.



All five roller sections on HE-VA King-Roller are centre suspended (↑) and with independent flotation resulting in a perfect contour following of the King-Roller.

HE-VA King-Roller is available with 10 different ring types, including the big 24"/620 mm Cambridge rings (20.3 m King-Roller: only 4 ring types). The rings are mounted on 60 mm special steel axles suspended in double sealed 60 mm large flange ball bearings. King-Rollers are mounted with support bearings on all sections (however not on the outer sections of the 12.3 m model).

The design of HE-VA King-Roller can withstand higher working loads and HE-VA King-Rollers are also heavier than most of the other similar rolls, ensuring a perfect consolidation.



Smart 200° overcentre-folding via HE-VAs unique and simple chain wheels and cylinders.



From 12.3 m to 20.3 m

BUILT-IN ADVANTAGES - HE-VA KING-ROLLER

1 AUTO. LOCKING SYSTEM



2 HYDR. SUPPORTING LEG



3 LIGHTS (extra equipment)



4 SMART 200° OVER-CENTRE FOLDING



5 560/45R22.5 RADIAL TYRE ON 16.3/18.3/20.3 M



6 SUP. BEARINGS ON ALL SECTIONS (÷ WING SECTIONS ON 12.3 M)



Folding sequence - 5 section King-Roller



Rolls in transport position, wheels down

Open the transport locks (1. outlet)



Swing the wing sections out (1. outlet)



The wheel frame cylinder is engaged automatically - the wheels are turned forward and lifted up (1. outlet)



Swing the outside wing sections out (2. outlet)



The HE-VA rolls are ready to work and the SAT-System can be adjusted (2. outlet)



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HE-VA SWING ROLLER - 10.2 m & 12.2 m

HE-VAs 5 section Swing-Roller has with the centre-suspended roller sections free floatation on each section ensuring supreme contour following - even the centre section floats independently.

Centre suspended roller sections



5 section hinge

The folding mechanism has a deep wing link pivot with Teflon coated steel bushing top and bottom to provide the necessary strength.

Although designed to cope with the higher working loads of larger farms, the Swing-Roller is still easy to handle and simple to fold whilst being capable of covering many hectares in a day.

The rings are mounted on 60 mm axles with double sealed 60 mm large flange ball bearings, mounted with 4 bolts.

Det clever design of all HE-VA rolls also ensures that tractor drawbar height variation (400-600 mm) does not have any influence on the soil pressure of the individual roller sections.

UNIQUE SAT-SYSTEM - Spring Active Transfer



Via the SAT-System on HE-VA Swing-Rollers a uniform weight on all sections is ensured.

Hereby an even consolidation is obtained across the full width of the rolls.

Folding sequence - 5 section Swing-Roller



Rolls in transport position, wheels down

Open the transport locks



Swing the wing sections out (1. outlet)



The wheel frame cylinder is engaged automatically - the wheels are turned forward and lifted up (1. outlet)








Swing the outside wing sections out (2. outlet)



The HE-VA rolls are ready to work



TECHNICAL SPECIFICATIONS

		CAMBRIDGE			CROSSKILL			2D CORRUGATED	STAR RING
									
WORKING WIDTH	Ring Size	450 mm 3 spokes	510 mm 3 spokes	510 mm 3 spokes	560 mm 5 spokes	620 mm 5 spokes	485/530 mm / 550/600 mm	500, 550 & 600 mm 5 spokes	450/500 mm / 550/600 mm
SWING-ROLLER									
10.2 m Transport width 2.7 m	Weight Kg No. of rings Axle (mm)	5,690 199 60	6,010 199 60	6,330 199 60	-	-	5,960 / - 105 60	5,500 125 60	6,120 / - 204 60
12.2 m Transport width 2.7 m	Weight Kg No. of rings Axle (mm)	6,310 235 60	6,680 235 60	7,050 235 60	-	-	6,650 / - 125 60	6,130 150 60	6,750 / - 240 60
<i>WHEELS 400 / 60 x 15.5 - 14 ply</i>									
KING-ROLLER									
12.3 m Transport width 3 m	Weight Kg No. of rings Axle (mm)	-	-	8,560 236 60	9,310 236 60	10,020 236 60	8,000 / 9,400 125 60	7,480 / 8,020 / 8,560 150 60	8,200 / 9,470 244 60
15.3 m Transport width 3 m	Weight Kg No. of rings Axle (mm)	-	-	9,880 292 60	10,820 292 60	11,770 292 60	9,250 / 11,140 153 60	9,070 / 9,590 / 10,000 187 60	9,830 / 11,400 302 60
<i>WHEELS 500 / 50 x 17 - 18 ply</i>									
16.3 m Transport width 3 m	Weight Kg No. of rings Axle (mm)	-	-	10,270 306 60	11,280 306 60	12,290 306 60	9,570 / 11,610 163 60	9,330 / 9,840 / 10,350 199 60	10,350 / 12,000 316 60
18.3 m Transport width 3 m	Weight Kg No. of rings Axle (mm)	-	-	11,680 346 60	12,820 346 60	14,240 346 60	11,020 / 13,080 183 60	10,340 / 11,140 / 11,940 223 60	11,300 / 13,160 356 60
20.3 m Transport width 3 m	Weight Kg No. of rings Axle (mm)	-	-	14,360 386 60	-	-	13,830 / - 203 60	13,090 248 60	14,160 / - 396 60
<i>WHEELS 560 / 45 R 22.5 - 152D</i>									

EXTRA EQUIPMENT:

1 HYDR. BRAKES OR AIR BRAKES



2 MULTI-SEEDER FOR KING-ROLLER



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YOUR LOCAL HE-VA DEALER

Due to our company policy of continual improvement we reserve the right to change specifications and/or prices without prior notification.