


Built-in Advantages

Automatic Locking System



KING-ROLLER

Hydraulic Supporting Leg



KING-ROLLER

200° Over-Centre Foldning



KING-ROLLER

Support Bearings on all Sections

Does not apply to wing sections of 12.30 / 15.30 m.



KING-ROLLER

560/45R 22.5-152D Radial Tyres

Applies only to 16.30 - 20.30 m.




KING-ROLLER

Manual Locking System



SWING-ROLLER


Supporting Leg with Gear



SWING-ROLLER


Extra Equipment

Air Brakes



KING-ROLLER SWING-ROLLER

Hydraulic Brakes



KING-ROLLER SWING-ROLLER

Multi-Seeder



KING-ROLLER

Wheel Track Eradicator Set, Hydr.




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Rubber Sealed Ball Bearings



KING-ROLLER SWING-ROLLER









Wheel Track Eradicator Frame, Lift











KING-ROLLER SWING-ROLLER

Technical Specifications

Swing-Roller

		 10.20 - 12.20 m		 Max. 2.70 m		 150 - 200 hp		 5,500 - 7,050 kg	
		Cambridge		Star Ring		Crosskill		2D-Corrugated	
									
Work Width, m	RING SIZE	510 mm	510 mm	450/500 mm	485/530 mm	500 mm			
	SPOKES	3	8	-	-	8			
10.20 TRANSPORT MAX. 2.70	WEIGHT, KG	6,010	6,330	6,120	5,960	5,500			
	RINGS, PCS.	199	199	194	105	125			
	AXLE, MM	60	60	60	60	60			
12.20 TRANSPORT MAX. 2.70	WEIGHT, KG	6,680	7,050	6,750	6,650	6,130			
	RINGS, PCS.	235	235	230	125	150			
	AXLE, MM	60	60	60	60	60			

King-Roller

		 12.30 - 20.30 m			 Max. 3.00 m		 170 - 300 hp		 7,168 - 14,280 kg		
		Cambridge			Star Ring		Crosskill		2D-Corrugated		
											
Work Width, m	RING SIZE	510 mm	560 mm	620 mm	450/500 mm	550/600 mm	485/530 mm	550/600 mm	500 mm	550 mm	600 mm
	SPOKES	8	9	10	-	-	-	-	8	9	10
12.30 TRANSPORT MAX. 3.00	WEIGHT, KG	8,283	8,991	9,820	7,493	8,658	8,604	9,968	7,685	8,135	8,735
	RINGS, PCS.	236	236	236	224	224	125	125	150	150	150
	AXLE, MM	60	60	60	60	60	60	60	60	60	60
15.30 TRANSPORT MAX. 3.00	WEIGHT, KG	9,330	10,206	11,164	8,609	10,075	9,794	10,261	8,595	9,156	9,904
	RINGS, PCS.	292	292	292	282	282	153	153	187	187	187
	AXLE, MM	60	60	60	60	60	60	60	60	60	60
WHEELS: 550 / 45 X 22,5 - 16 PLY											
16.30 TRANSPORT MAX. 3.00	WEIGHT, KG	11,043	11,961	12,960	10,334	11,873	10,369	12,162	10,365	10,962	11,758
	RINGS, PCS.	306	306	306	296	296	163	163	199	199	199
	AXLE, MM	60	60	60	60	60	60	60	60	60	60
18.30 TRANSPORT MAX. 3.00	WEIGHT, KG	11,855	12,893	14,027	10,920	12,625	11,025	13,038	11,031	11,699	12,591
	RINGS, PCS.	346	346	346	328	328	183	183	223	223	223
	AXLE, MM	60	60	60	60	60	60	60	60	60	60
20.30 TRANSPORT MAX. 3.00	WEIGHT, KG	12,807	13,965	-	11,926	-	11,857	-	11,877	12,621	-
	RINGS, PCS.	386	386	-	376	-	203	-	248	248	-
	AXLE, MM	60	60	-	60	-	60	-	60	60	-
WHEELS: 560 / 45 R22,5 - 152D											



Swing- & King-Roller

Maximum Roller Capacity!



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Your HE-VA dealer

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

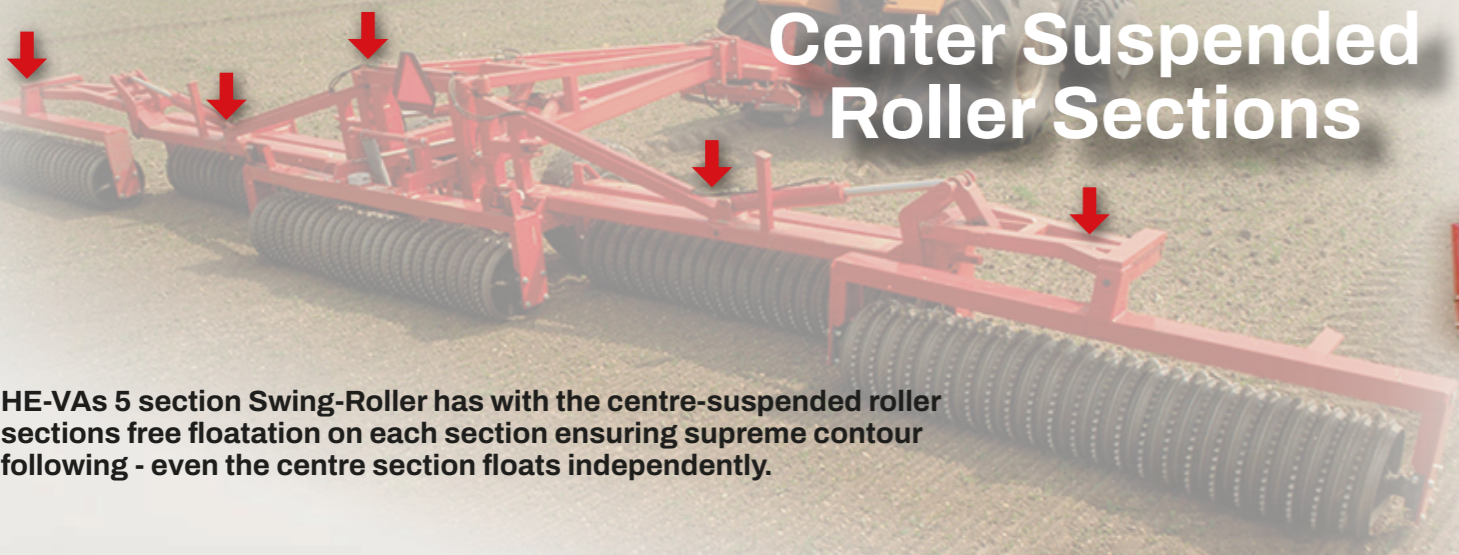


Swing-Roller - Large but Compact

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.



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.

Unique SAT-System



Spring Active Transfer

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

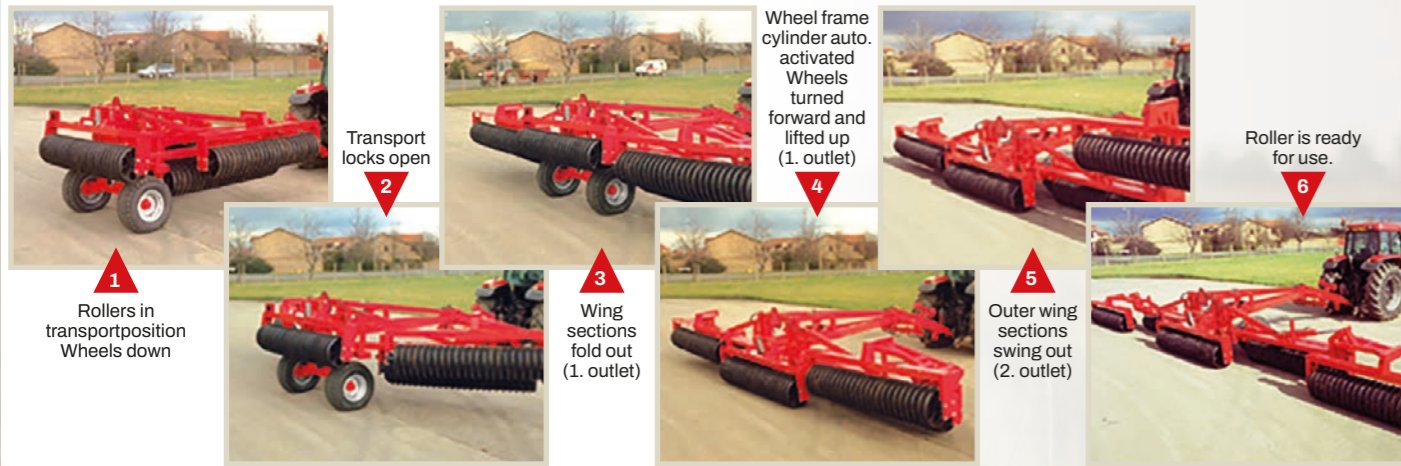
Hereby an even consolidation is obtained across the full width of the rolls.

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.

Folding Sequence - 5-Section Swing-Roller



King-Roller - Larger working widths for larger needs

Maximum field adaptation achieved by flexible sectional suspension and effective weight transfer. With working widths of 12.30 m, 15.30 m, 16.30 m, 18.30 m or 20.30 m, the HE-VA King-Roller meets the increasing need for wider and heavier rollers.



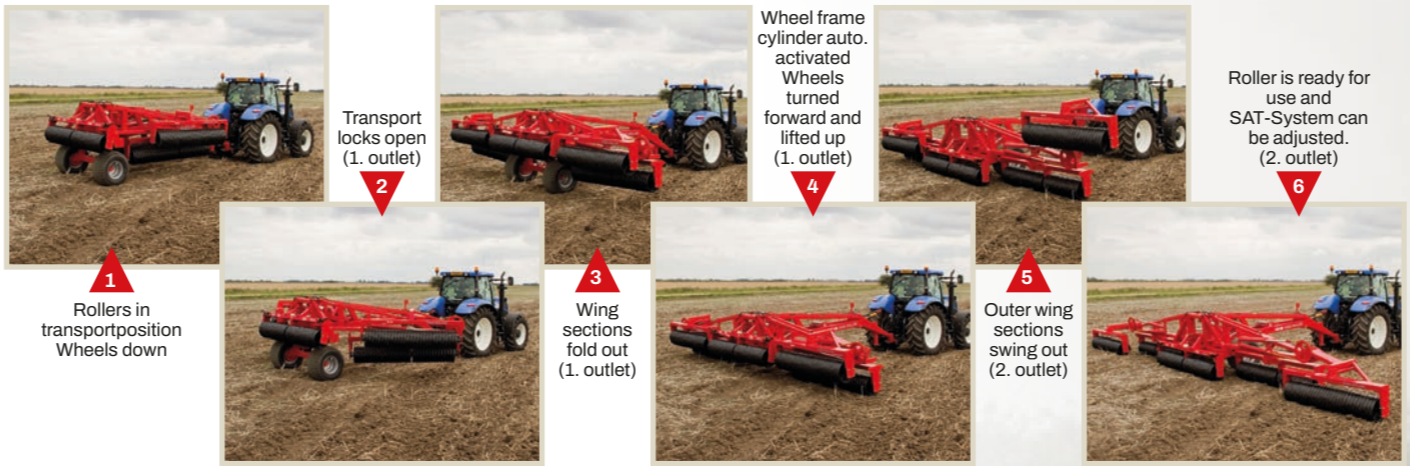
Impressive efficiency

A 20.30 m King-Roller

moving at 8km/hr. with a driver keeping a 90% field efficiency, will cover:

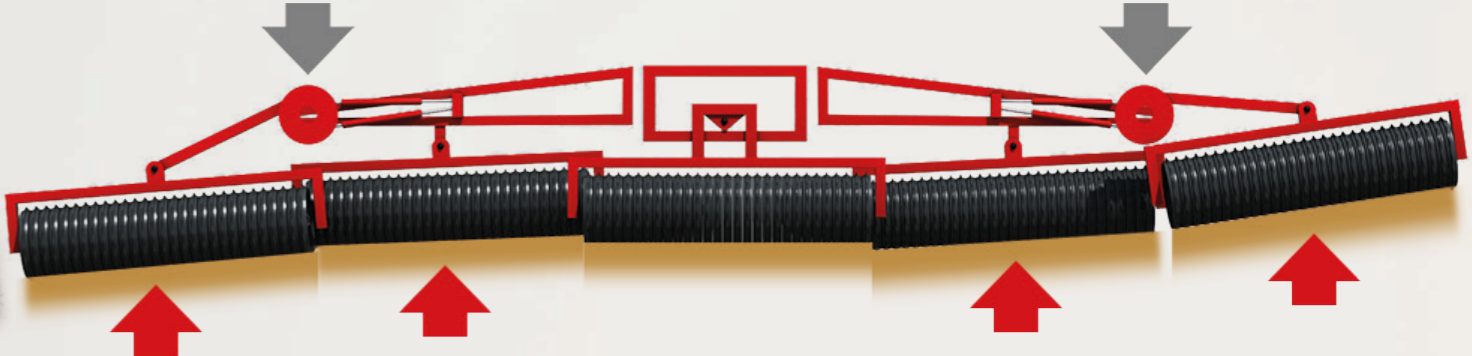
14.6 ha per hour

Folding Sequence - 5-Section King-Roller



Free floating centre-suspended roller sections

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 (20.30 m King-Roller: only 6 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 12.30 and 15.30 m models). 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.

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 intermediate sections (O) see photo. By this SAT-System the necessary part of the roll's weight is transferred to the centre and the outside wing sections.

