

Professional
machines for
steep slopes

 **KRONE**

HIGHLAND

*Your experience – our expertise
Your requirements – our mission
Your hills – our challenge*



It takes strength, endurance and the proper equipment to climb a mountain and reach the summit. Having the proper equipment gives you the confidence that you will reach the top with greater ease and less exertion.





Professional equipment for your hillsides – gentle and frugal



Strength and endurance are the keys to success, and agriculture is no exception. Your farming success is based on machine power that is used efficiently, sustainably and economically to produce an optimum base ration for feedings to your animals.

HIGHLAND

The best equipment for best results.

KRONE Highland

...because you deserve a KRONE!

Sward protection according to conditions and **optimum nutrient levels** are important factors in the production of high-quality forage. Equally important for your success is having the **proper forage equipment**.

A harvest chain where every machine – from mower to harvester – links up perfectly with all others makes all the difference in the production of palatable and nutritious forage feed.

KRONE technology is focused on **the provision of the highest-quality forage for our animals**. This has been the driving force behind the design of the KRONE Highland machines.

The Highland models are specifically designed for performing in the **challenging conditions of hilly and mountainous regions** around the world. Featuring a rugged and yet light-pulling design, the KRONE Highland range makes a substantial contribution to saving resources and sustainable forage harvesting.

Our contribution to your (harvest) success is to give you the equipment that is necessary for producing clean, palatable and nutritious feeds and helping you make the most of those narrow harvest windows.



The Highland machine range for your steep slopes



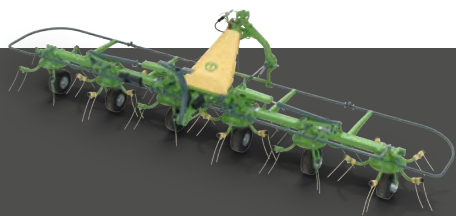
EasyCut F 280 Highland



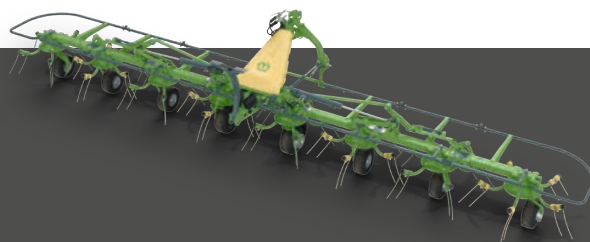
EasyCut F 320 Highland



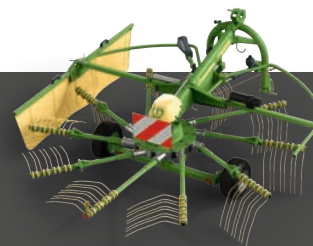
Vendro 420 Highland



Vendro 620 Highland



Vendro 820 Highland

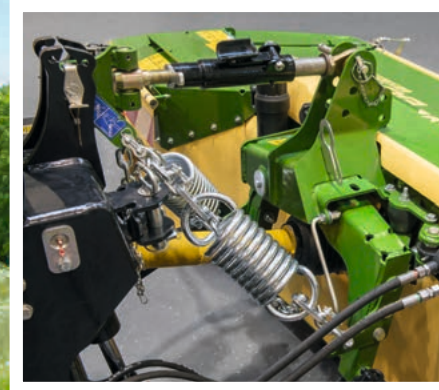


Swadro S 350 Highland



Swadro S 380 Highland

Close attachment to the tractor, a low centre of gravity, the hydraulic sideshift feature and the KRONE SmartCut system are the standout features for optimum results on steep slopes.



EasyCut F Highland front mowers

The smart way of cutting the best forage



Clean and palatable forage starts with the mower.

It is the low centre of gravity and the close attachment to the tractor that make the Highland mowers excellent performers on the slope. To counteract drift, the machine weight is shifted to the tractor either by the mountain tractor's linkage rams or by means of optional suspension springs.

Integrated in the headstock and conveniently controlled from the cab, the hydraulic sideshift feature on the front mower counteracts tractor drift. Two top hats on the two outboard discs on either side group the wet grass into narrow and yet fluffy swaths which the tractor can straddle.

The cut itself is accurate and uniform, thanks to the SmartCut cutterbar which prepares perfectly for the following machines and is the basis for successful cuts later in the season.

The standard SafeCut disc protection system protects your mower from damage when it hits a rock or other foreign body and makes for a straightforward repair. In addition, the blades are quick-change as standard, a fact that minimises downtime and ensures maximum efficiency and uptime when the harvest conditions are just right.

HIGHLAND

... because the quality of your forage is all that counts.

KRONE OptiTurn rotors and 3D effect,
four spreading angles and maximum operator
comfort for perfect conditioning.



Vendro Highland rotary tedders

The 3D effect for optimum conditioning



Getting the timing right with the proper rotor

The new KRONE OptiTurn rotor with 3D tines is the key for clean and efficiently conditioned forage. Featuring a curved and patented design and working close to the rotor gauge wheel, these tines pick up the material cleanly and uniformly across the full work width. The intensity of conditioning is changed according to conditions and crops without the use of tools and by just setting the spreading angle to one of four positions. This makes the KRONE Vendro an effective dual-purpose machine.

Producing a uniform and fluffy matt, this KRONE rotary tedder cuts down the number of hours the crop spends drying, giving you enough time to clear the field before the rain.

Changeovers to border spreading are made by adjusting the gauge wheels under the rotors. This is done hydraulically from the convenience of the cab. The border spreading feature can also be used for uphill tedding. Stable tracking without drifting is achieved by hydraulic damper braces in combination with gauge wheels being fixed by the border spreading linkage. This is the secret behind uniform and accurate spreads, even on the steepest of slopes.

HIGHLAND

... make the most of narrow harvest windows.

Combining a large work width with small diameter rotors, KRONE sets a new benchmark for area output and quality of work.



Vendro 820 Highland rotary tedders

Some scenarios call for size



Size isn't everything

The KRONE Vendro 820 Highland is the first eight-rotor tedder that was specifically designed for hilly conditions. Built from components that are sourced from our high-capacity machines and designed for light weight, the Highland tedder is not only the widest tedder in this segment but also delivers enormous work rates on steep slopes without compromising on the quality of the forage.

Vendro 820 Highland combines tried and tested components with compact machine dimensions for optimum performance on slopes – an absolute must-have for efficient forage conditioning in your conditions.

Efficiency in forage conditioning is not boosted by increasing the forward speed but by increasing the work width. Offering a large 8.20m work width and small-diameter rotors, Vendro delivers optimum work rates and contouring for best results in conditioning and forage quality.

The new headstock and its patented coupling pins attaches to the tractor in two positions, bringing the Vendro Highland very close to the tractor. Shifting more weight to the front axle maximizes the gradeability of these Vendro Highland tedders.

HIGHLAND

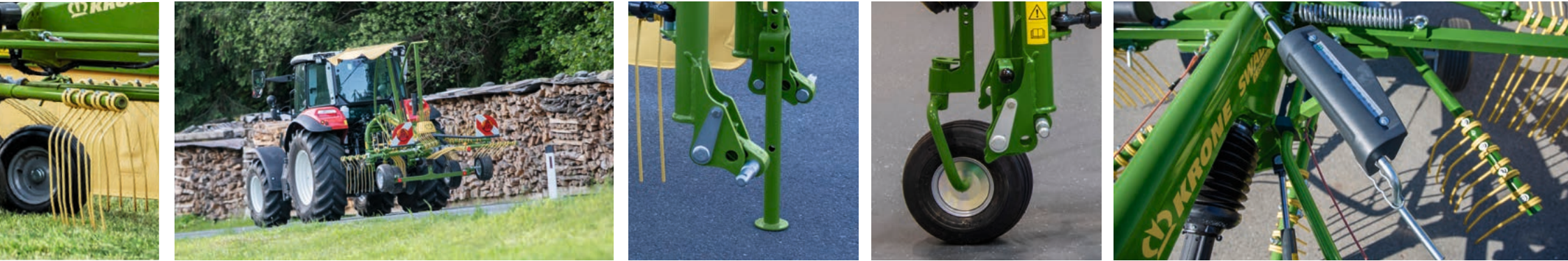
... making large work widths more efficient.

KRONE Lift Tines, DuraMax cam track and stepless height control – the powerful three for perfect swath presentation.



Swadro S Highland rotary rake

The Lift Effect – clean and boxy swaths



The Lift Effect for maximum harvesting efficiency

Boxy and uniform swaths are essential for the productivity of the following harvester – the round baler or forager. The steep and extremely small-diameter KRONE DuraMax cam track ensures the tine arms and tines run at high speed and fully controlled, picking up the grass cleanly and raking it into accurate and boxy swaths. All components – the cam track, the rotor gearboxes, the tine arms and tines – are absolutely maintenance-free, yielding valuable time in narrow harvest windows.

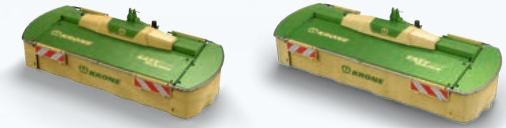
The Lift Effect is obtained from tines whose shafts are kinked in two places and which lift the blades clear off the ground without losses – raking the grass into clean and tidy swaths. The stepless height control allows you to set the rake conveniently and with millimetre precision to the required work height. Not a single blade is left in the field, and the forage is nice and clean.

The new and compact headstock is specifically designed for mounting to compact and mountain tractors. Offering two coupling options, this type of attachment moves the Swadro closer to the tractor – a patented design that takes less load off the front axle for maximum gradeability on steep slopes.

HIGHLAND

... because quality forage is also down to settings.

Technical data



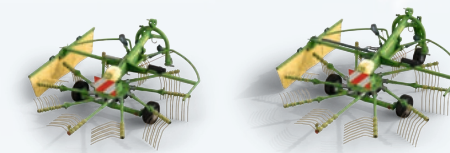
		EasyCut F 280 Highland	EasyCut F 320 Highland
Attachment configuration		Pushed (cat. I/II)	Pushed (cat. I/II)
Working width (m)	approx.	2.73	3.16
Transport width (m)	approx.	2.59	2.99
Weight (kg)	approx.	635	685
Input power (kW/hp)	approx.	from 40kW/55hp	from 48kW/65hp
Area output (ha/h)		3.0 – 3.5	3.5 – 4.0
No. of discs		2	3
No. of top hats		4	4
Hydr. sideshift left/right - sideshift (per side) cm		Standard 30(15)	Standard 30(15)
Hydraulic couplers		1 da	1 da
Pto speed (reversing gearbox)	rpm	1000 (540)	1000 (540)
Driveshaft sense of rotation		Clockwise (counter-clockwise)	Clockwise (counter-clockwise)

HIGHLAND

Professional mowers, tedders and rakes for mountainous fields



	Vendro 420 Highland	Vendro 620 Highland	Vendro 820 Highland
Attachment configuration	Three-point (cat. II)	Three-point (cat. II)	Three-point (cat. II)
Working width (m) approx.	4.20	6.20	8.20
Transport width (m)	2.45	2.58	2.78
Weight (kg) approx.	465	675	915
Rotor diameter (m)	1.38	1.38	1.38
Input power (kW/hp) approx.	25 / 34	37 / 50	48 / 65
Area output (ha/h)	4.2	6.2	8.2
No. of rotors	4	6	8
No. of tine arms per rotor	5	5	5
Tyres on rotor wheels	15x6.00 – 6	15x6.00 – 6	15x6.00 – 6 16x6.50-8 (middle)
Border spreading control	Mechanical	Mechanical	Mechanical
Headland position	Option	Standard	Option
Hydr. damper braces	Standard	Standard	Standard
Hydraulic couplers	1 sa	1 sa	1 da
Spreading angle	13° – 19°	13° – 19°	13° – 19°



	Swadro S 350 Highland	Swadro S 380 Highland
Attachment configuration	Three-point (cat. II)	Three-point (cat. II)
Working width (m) approx.	3.50	3.80
Transport width (tines folded) (m)	1.85	1.85
Weight (kg) approx.	465	490
Rotor diameter (m)	2.70	2.96
Input power (kW/hp) approx.	22 / 30	22 / 30
Area output (ha/h)	3.5	3.5 – 4
Total no. of tine arms	10	10
No. of rigid/foldable tine arms	5/5	5/5
No. of Lift Tines per arm	4	4
Tine length / diameter mm	510 / 9	510 / 9
Rotor chassis	Two-wheel (standard) Four-wheel (option)	Two-wheel (standard) Four-wheel (option)
Rotor tyres	16x6.50 – 8	16x6.50 – 8
Damper brace control	Hydraulic	Hydraulic
Leading gauge wheel	Option	Option
Electr. rotor height control	Option	Option



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