



straumann



Silo block cutter

Hydrofox HQ



Hydrofox HQ – the largest silo block

Strautmann – silo block cutter – a success story



1971 Strautmann presents the first silo block cutter Silofox to the public. Within a few years, the Silofox transformed the picking-up of silage.



1973 The block cutter programme is expanded by the two spaders Hydrofox HV and HVG, where the hydraulic spade blade is manually moved in the silo block.



1984 With the first U-block cutter, the Hydrofox HP, Strautmann presents a silo block cutter to the public which picks up absolutely rectangular silage blocks from the bunker silo.



1985 The Hydrofox HD with a vertical two-sided knife (for an even more consistent cut) and guiding frame replaces the F / FH machines.



1988 HT is the designation of the HP successor. This silo block cutter operates by means of a two-sided knife cutting arm which was intended to ensure a faster cut.

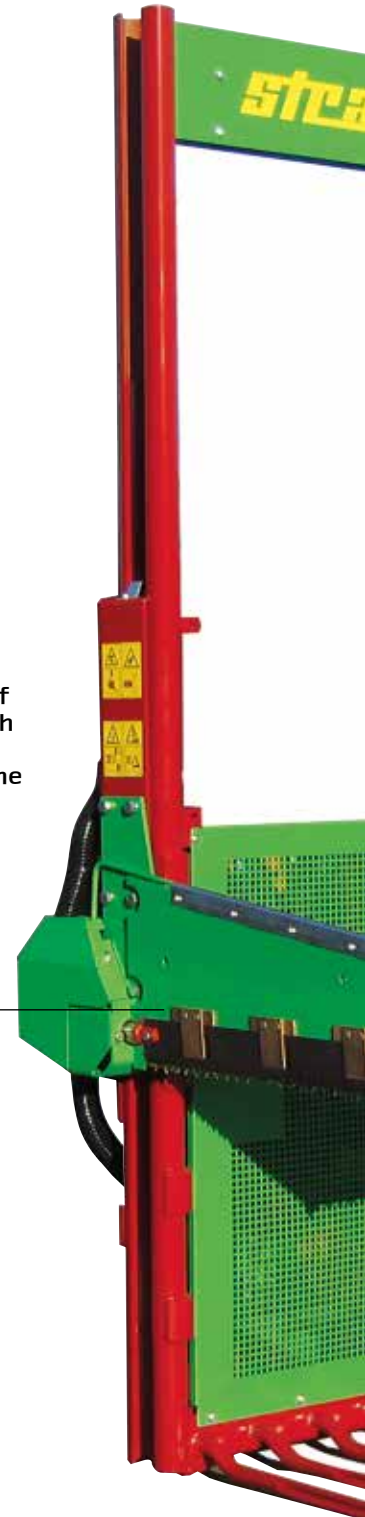


1992 The Hydrofox HK, the successor model of the Hydrofox HT, is put into operation. This machine is equipped with a completely new knife drive, via a so-called power block which makes the cutting arm slimmer and extremely powerful.

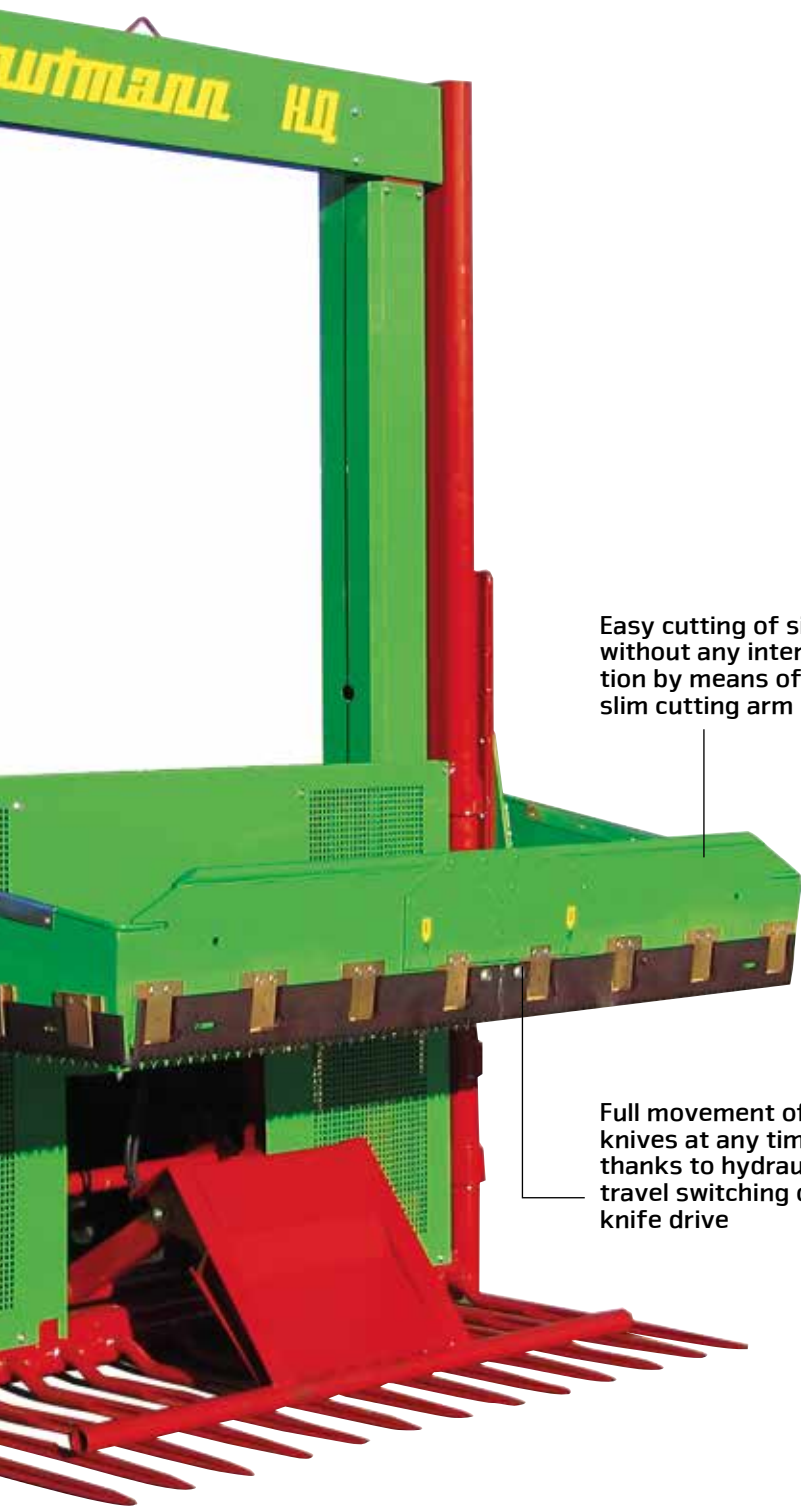
2003 The Hydrofox HX is fitted with an even slimmer arm than the HK. For the reduction of corrosion, a silo block cutter is available with stainless steel knives for the first time.

2011 On the occasion of the AgriTechnica, Strautmann presents its HQ, the largest silo block cutter in the world with a max. capacity of 3.8 m³.

Optimum utilisation of tractor width due to wide cutting frame



cutter on the market



Easy cutting of silage without any interruption by means of the slim cutting arm

Full movement of knives at any time thanks to hydraulic travel switching of knife drive

The Strautmann Hydrofox HQ – block cutter

Extremely wide, fast and clean cut by means of the Strautmann block cutter.

- Robust
- Reliable
- Performs well



HQ with gold lacquer on the occasion of the 100,000th piece jubilee

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Hydrofox HQ – the large block cutter for your business

With a capacity of 1.75 – 3.80 m³ the Hydrofox HQ is the largest block cutter on the market. Adapted to large tractors, the HQ enables clean picking-up up to the silo wall.

Furthermore, it is equipped with an automatic feed control:

- Self-adaptation to silage density
 - Maximum picking-up performance at any time
 - Proven forced feed for extremely hard silage
- Independent of the tractor's hydraulic system, an internal hydraulic system presses the cutting arm through the silage with up to 220 bar.



← up to a width of 2.30 m →

- Clean picking-up up to the silo wall
- Close hitching-up to the tractor ensures centre of gravity being in a balanced position
- Fast removal at the silo and thus less reheating
 - The fodder quality is maintained



Really sleek ...



- Minimum cutting resistance due to slim cutting arm
- Slim design of cutting arm thanks to drive via power block
- Optimum distribution of the required power to the knives by the power block
- ➔ Maximum picking-up performance!



- Long service life due to proven knife steel

Proven equipment ensuring optimum picking-up performance



Lifting frame

- Possible equipment with lifting frame for particularly high picking-up heights
- Picking-up heights from 2.90 - 3.97 m
- Effective utilisation of the tractor's lifting power due to small distance to the frame



Operation

- Standard direct connection
- One single-acting control device with return line or one double-acting control device required for each function
- Optional Bowden cable operation is available up to the HQ 2800 model
- For all HQ models, an electro-hydraulic remote control set for easy operation from the tractor is available as an optional extra



Pusher

HQ 1750-2800 (on the left)

- Standard mechanical pusher
- Putting-down of block by means of spring tension
- Optional hydraulic pusher

HQ 300-3800 (on the right)

- Standard hydraulic pusher
- Double-acting cylinder pushes the block easily & cleanly off the tines
- Ideal for uneven ground





Hitching-up

- Both cat. 2 and cat. 3
- Optimum driving behaviour due to close hitching-up to the tractor



Silo block cutter HQ 1750 – 3800

Technical data

Model	HQ	1750	2200	2500	2800	3000	3400	3800
Dimensions of basic machine								
Depth	m	1,20	1,20	1,20	1,20	1,35	1,35	1,35
Width	m	2,00	2,00	2,00	2,00	2,30	2,30	2,30
Height	m	2,05	2,35	2,55	2,75	2,55	2,75	2,95
Bale size								
Depth	m	0,83	0,83	0,83	0,83	0,93	0,93	0,93
Width	m	1,80	1,80	1,80	1,80	2,06	2,06	2,06
Height	m	1,16	1,46	1,66	1,86	1,57	1,77	1,97
Capacity	m ³	1,75	2,20	2,50	2,80	3,00	3,40	3,80
Maximum picking-up height								
Basic machine	m	1,16	1,46	1,66	1,86	1,57	1,77	1,97
+ Hydraulic upper link	m	1,66	1,96	2,16	2,36	2,07	2,27	2,47
- with lifting frame	m	2,40	2,70	2,90	3,10	3,07	3,27	3,47
+ Hydraulic upper link	m	2,90	3,20	3,40	3,60	3,57	3,77	3,97
Dead weight basic machine	kg	565	590	620	630	760	770	780
- with lifting frame	kg	740	765	795	805	1.025	1.035	1.045
Block distributor	kg	250	250	250	250	–	–	–
Number of tines		11	11	11	11	13	13	13



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Strautmann main production facility in Bad Laer

B. Strautmann & Söhne GmbH u. Co. KG is a medium-sized family-owned company from southern Lower Saxony having already celebrated its 80th anniversary of existence and now being managed by the third generation. In a modern plant at the second production site in Lwówek (Poland), Strautmann manufactures individual machine components and, apart from that, also parts of the machine pro-

gramme such as tipping trailers, silage shovels or shear grabs. As a machine manufacturer offering a wide range of machinery for cattle feeding, green fodder harvesting, universal spreader and transport technology as well as in the field of charging and dosing technology for biogas plants Strautmann is the suitable partner for almost any customer in this industry.



Pol-Strautmann



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