

GRIMME
HARVESTING SUCCESS!

Haulm Cutter

Solves problems before mechanical harvesting!



Gives you more: the haulm topper from Grimme

Year by year haulm cutting becomes more and more important for the harvest. For more than one good reason: Haulm toppers do not only allow an easier harvesting but also guarantee a more efficient harvest! Haulm cutting several weeks before harvesting is one important step towards a successful harvest. It influences the yield, the quality

and the storability of the potatoes. Whether it is for table, processing or seed potatoes: Haulm cutting is an essential part of the campaign. Even for starch potatoes it is becoming more and more important; especially because topping before harvest produces even maturing and skin setting. This means that the potato is less sensitive and the roots detach

easier from the crop. Another advantage: Less haulm during harvest means increased speed during digging – therefore increased output. Less haulm leads to less damage and less work for the separator. The result is better separation of the crop. The crop is cleaner and potato losses are reduced. – With the haulm topper you get more for yourself!

KS 75-2 , KSA 75-2

Two rows – solid advantages: the 2-row haulm topper

For strong conditions: The Grimme haulm topper is convincing because of its robust and durable construction. That pays you back season after season. It allows high output harvesting – Reduced costs through avoiding energy sapping and expensive ploughing operations. Artificial fertilizer

is less necessary because of the even return of nutrients across the whole field. Protection of the environment and reduced costs. Not only that: improved output! Further advantages during daily use are the drive and the flail rotor. Have a close look – it is worth it!

*Clean solution:
The KSA 75-2 discharges
the haulm to the side
without blockages.
The KS 75-2 has deflector
plates to discharge the
haulm between the rows.*



Outstanding innovation – for more than 70 years

What is the result when all the experience gained over more than 70 years of potato harvesting technology is applied to the development of separating, planting, cultivation, harvest and storage technology? The answer is quite simple: more! – More successful harvesting! Our innovative technology is further enhanced by our after-sales service. Highly qualified employees use the Grimme TECHNICOM (training and exhibition hall) to train our dealers and service partners from over 60 countries. After successfully completing their training they are ready to provide users with original Grimme spare parts and competent advice with certified 24 hours a day, 7 days a week service; and anywhere in the world. The results of this three-way partnership: Grimme dealer, operator and Grimme employee are visible every day. We benefit from your practical experience – and can use that experience to create practical solutions – as we did for the development of the new haulm topper series. You profit from our technical know-how and thereby achieve – season by season – our common goal: harvesting success!



*A three-way partnership:
Grimme dealer, operator
and Grimme employee*



*2,000 m² of know-how:
the Grimme training and
exhibition centre TECHNICOM*



*Innovation for more than
70 years: Grimme
potato technology*



*Location: Grimme belongs
to Damme as the famous
“red” does to our machines.*

The drive

Adjustment of the powerful V-belt drive is easy to set with automatic belt-tensioning. Stressful re-adjustment of the V-belts is no longer necessary. Another feature of the new generation of haulm toppers is the simple conversion between front and rear mounting: because of the centrally mounted wide angle p.t.o.-shaft. On the KS 75-4 only the p.t.o.-shaft has to be moved to another position – and ready! On the KS 75-2 and KSA 75-2 only the three-point-linkage has to be moved.

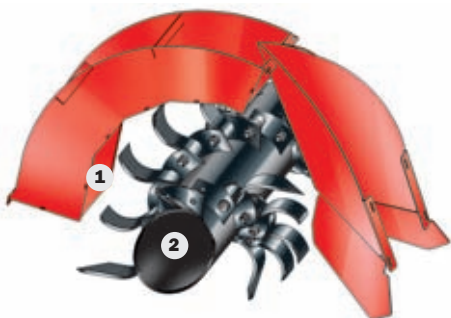
The flail shaft

As individual as your conditions: The arrangement of the flail blades on the large diameter rotor shaft can be set to the optimum for your ridge shape and row width. The combination of good suction



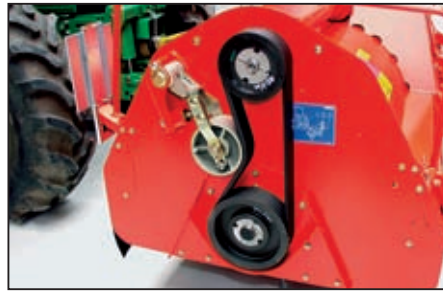
By far better: optimum flail blade arrangement to suit the rows

and shear plates even enables haulm lying flat to be chopped and optimum harvest conditions achieved. Haulm discharge is by deflector plates between the rows. This gives three advantages in one step: Firstly



Powerful: Large diameter flail shaft (2) is impressive because of its smooth running and stability. Shear blades (1) ensure effective chopping.

a greatly reduced haulm intake during harvest, secondly improved harvest quality and last but not least increased output.



More peace of mind: automatic V-belt tensioning (KS 75-2, KSA 75-2 and KS 75-4)



Perfect solution: conversion between front and rear mounting



Better performance: support wheels for height control and...



...castoring wheels available as an option



Convenient – even beyond the field: the optional end tow system for stress-free road transport

Support wheels

Just practical: infinitely adjustable for height and track width

KS 75-4 , KS 3600

Increase your output: with the 4-row haulm topper



Powerful: 4-row haulm topper from Grimme

KS 4500

Faster. More flexible. More effective: the 6-row haulm topper



*Advantages by the dozen:
6-row haulm topper from
Grimme*



Technical data

	KS 75-2 / KSA 75-2		KS 75-4		KS 3600		KS 4500	
Dimensions	transport	work	transport	work	transport	work	transport	work
Length	1.80 m/2.40 m	1.80 m/2.40 m	4.65 m	2.20 m	5.00 m	1.80 m	6.50 m	1.80 m
Width	2.05 m/2.75 m	2.05 m/3.00 m	1.90 m	3.25 m	1.80 m	3.60 m	1.80 m	5.00 m
Height	1.20 m/1.30 m	1.20 m/1.30 m	1.40 m	1.40 m	1.20 m	1.20 m	1.20 m	1.20 m
Linkage	3-point linkage for front or rear mounting		3-point linkage for front or rear mounting		3-point linkage for front or rear mounting		3-point linkage for front or rear mounting	
Drive	p.t.o.-shaft from tractor to right angled gearbox (Change of rotation possible with right angled gearbox) Universal jointed cross shaft with overrun clutch to four V-belt drive 540/750/1,000 r.p.m. Automatic V-belt tensioning		p.t.o.-shaft from tractor to right angled gearbox (Change of rotation possible with right angled gearbox) Universal jointed cross shaft with overrun clutch to four V-belt drive 540/750/1,000 r.p.m. Automatic V-belt tensioning		p.t.o.-shaft from tractor to right angled gearbox (Change of rotation possible with right angled gearbox) Universal jointed cross shaft with overrun clutch to four V-belt drive 540/750/1,000 r.p.m.		p.t.o.-shaft from tractor to right angled gearbox (Change of rotation possible with right angled gearbox) Universal jointed cross shaft with overrun clutch to five V-belt drive 1,000 r.p.m.	
Flail shaft	Rotor 1.80 m wide 1,300 r.p.m. at 540/750/ 1,000 r.p.m. p.t.o.-shaft		Rotor 3.10 m wide 1,300 r.p.m. at 540/750/ 1,000 r.p.m. p.t.o.-shaft		2 Rotor units each 1.80 m wide 1,350 r.p.m. at 540/750/ 1,000 r.p.m. p.t.o.-shaft		2 Rotor units each 2.25 m wide 1,350 r.p.m. at 540/750/ 1,000 r.p.m. p.t.o.-shaft	
Knives/flails	46 units		82 units		92 units		116 units	
Windrowing of the haulm	By deflector plates between the rows KSA models by cross conveyor to the r/h-side		By deflector plates between the rows		By deflector plates between the rows		By deflector plates between the rows	
Working/ row width	2 rows 75 and 90 cm		4 rows 75 and 80 cm		4 rows 85 and 90 cm		6 rows 75 cm	
Tyres	2 x 175 R14 Option: Castoring wheels		2 x 175 R14 Option: Castoring wheels		2 x 175 R14 Option: Castoring wheels		4 x 175 R14	
Wheel spacing	Adjustable up to 1.80 m		Adjustable up to 3.00 m		Adjustable up to 3.60 m		Adjustable up to 4.50 m	
Weight	KS 75-2	700 kg	950 kg		1,100 kg		1,450 kg	
	KSA 75-2	950 kg						
Power requirement	35 kW/48 HP		45 kW/61 HP		58 kW/79 HP		65 kW/90 HP	

Your Grimme Partner for service and advice:

GRIMME
HARVESTING SUCCESS!

Grimme Landmaschinenfabrik GmbH & Co. KG · Hunteburger Straße 32 · D-49401 Damme
Phone +49 5491 666-0 · Fax +49 5491 666-298
grimme@grimme.de · www.grimme.com