

POTATO TECHNOLOGY  
BEET TECHNOLOGY  
VEGETABLE TECHNOLOGY

**GRIMME**

# KS600 Topper





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Grimme offers a wide range of toppers including two, four and six row machines and front mounted options for trailed and self-propelled harvesters. The withdrawal of diquat as a dessicant has created fresh interest in precision haulm topping as an alternative. In particular, the GRIMME KS600, which was developed specifically to suit UK conditions.

The KS600 is a high output six row trailed flail topper with a 2.3m front mounted unit and two trailed (hydraulically folding) units able to top 6 rows or 3 beds in one pass. The front unit is extra-wide meaning it doesn't only top the central two rows but also the outside half of the adjacent rows / beds. Otherwise, the tractor wheels would drag the tops overhanging the sides of the adjacent rows into the ground and prevent the rear units cutting them.

The KS600 blows the cut top directly into the bottom of the rows instead of discharging it on top of the rows, which helps minimise the potential spread of diseases like black leg from plant to plant.

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# KS600 Topper

Key features at a glance:

Rear topper units on a hydraulically-folding frame mounted on the tractor's 3 point linkage.

Deflectors direct cut haulm to row bottoms.

Full road lighting kit.

Ridge runners with zero inflation tyres and weight adjustment.

Flail lengths matched to individual growers' bed / row profiles and cut against matching contoured shear-bar.

Extra-wide (2.3m), front-mounted topper cuts c.50% of adjacent rows.

Heavy duty build – durable and reliable.

Drive line for 170HP+ tractors with heat treated, closed tube flail rotor for strength.

Suspended, spring loaded topper bodies each with two manually adjustable depth wheels (hydraulic option) follow ground contours precisely to top at a constant height.

## Constant topping height

Each topper unit is suspended and individually sprung with two manually adjustable depth wheels (hydraulic option available) to follow ground contours with a constant topping height. The flail array has blades of different lengths that can be matched to any bed / row profile. This ensures the crop is not damaged. A matching, contoured shear bar ensures a clean, accurate cut. The topper leaves around 15cm-20cm of upright stem which is ideal for subsequent dessication and harvesting.



## Heavy duty build and drivelines

The KS600 is designed for high horsepower tractors (170HP). Tractor power is essential to maintain rotor speed under load (1300rpm), which ensures that there is sufficient suction under the hoods to lift the haulm, cut it and blow it via the deflector plates into the row bottoms.

The flail rotor is manufactured from heat-treated, seamless steel tubes. To prevent distortion, these are pressure-cooled as the flail mounts are welded on.



## Extra-wide front unit

The front-mounted unit has a working width of 2.3m. This means it not only cuts the centre rows/bed but also around 50% of each of the adjacent beds. Otherwise, the tractor wheels would drag the tops overhanging the sides of the adjacent rows into the ground and prevent the rear units cutting them.

## Side discharge to the wheelings/row bottoms

The design of the hood, the haulm deflector plates and the configuration of the shear plate combine to provide optimum suction that deflects the cut haulm into the row bottoms. If the cut haulm was simply left on top of the bed / rows it would inhibit the subsequent use of a prescribed dessiccant and contribute to the spread of fungal diseases like black leg.

## Ridge runners

Ridge runners, using zero inflation tyres with individual weight/pressure adjustment, provide sufficient pressure to close any cracks on row tops and prevent crop damage.

## Other GRIMME Toppers:



### **KS(A) 75-2**

For use with trailed harvesters – front (KSA) and rear (KS) mounting, configurable up to 90cm row width.



### **HT 210**

For use in combination with VARITRON 220 and 270 self-propelled harvesters with hydraulic drive and automatic depth control.



### **KS3600**

With 4 row front or rear mounting; for 90cm rows.



### **KS5400**

With 6 row front or rear mounting; for 90cm rows.

## GRIMME KS600 Specifications

Height	1.2m unfolded; 3.5m folded
Weight	Front Unit – 1195kg; Rear Units – 2205kg
Working width	6m – Six Rows / 3 Beds
Transport width	2.9m
Tractor power requirement	170hp
Flail blades per unit	Front: 62 Rear Units: 2 x 54

