

GERINGHOFF

Draper heads TruFlex & TruFlex Razor



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GERINGHOFF

Head of the Class - No Matter the Crop

As global harvesting specialists since 1880, Geringhoff knows what it takes to create exceptional harvesting equipment, and the TruFlex range proves this point.

About Geringhoff

Geringhoff has been a part of the farm equipment industry since 1880. The company was started by Carl Geringhoff, a specialist in harvesting equipment and to this day, the company has been run as a fifth-generation family business. The headquarters are still based in Ahlen, Germany, where the company was established.

Starting as a small-scale metal-forging and farm equipment trade company over 140 years ago, Geringhoff has since evolved into a modern, international engineering company.

Proven Performance

Geringhoff specialises in the development of high class and innovative harvesting heads that are head of the class no matter the crop.

Geringhoff's superior quality comes from many years of perfecting products through diligent engineering and manufacturing processes.

Combining visionary engineering, cutting-edge design and years of field tests, the TruFlex draper heads deliver best in class performance, and world-class engineering that you've come to expect from Geringhoff.



Engineered to Cut Close

There's no such thing as a perfectly uniform or evenly contoured field. The TruFlex Razor flexes where it counts so every contour of your field is easily traversed and cut razor-close.

TruFlex Razor

The TruFlex Razor is an all-round header featuring a three-piece frame and reel with a completely flexible cutter bar.

Height control in regular crops is implemented with eight sensors and the innovative Variable Integrated Air System (V-IAS) is available as an option.

This header perfectly contours to uneven surfaces.

- Three-piece frame & reel
- Completely flexible frame
- Flexible cutter bar
- Eight height control sensors



MODEL	WORKING WIDTH	REEL DESIGN	CUTTER BAR	AUGER Ø/WIDTH	WEIGHT (WITHOUT OPTIONS)
TruFlex Razor 40	12.20m	3-section	Flexible	600mm / 1,800mm	4,150kg
TruFlex Razor 45	13.70m	3-section	Flexible	600mm / 1,800mm	4,300kg



Truly Precise Yet Gentle Drapers

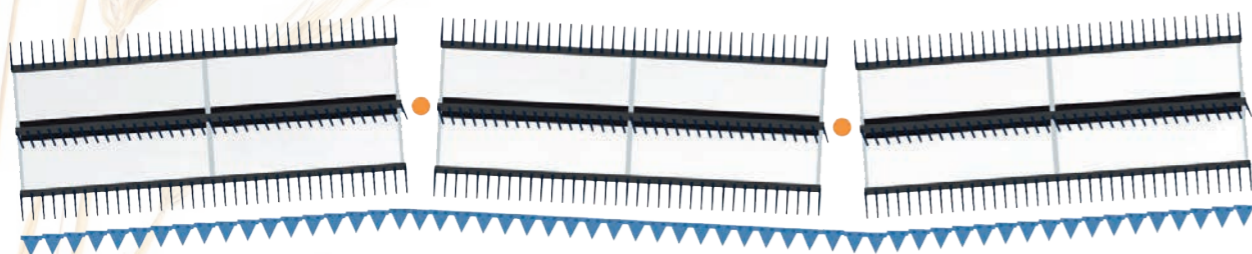
Geringhoff's line of draper heads harvest all cereals, canola, soybean and specialty crops like peas, lentils, lupine and more – adapting perfectly to the field conditions of the individual crops.

TruFlex

Based on the TruFlex Razor design, the TruFlex header features a three-piece frame and reel, however it has a rigid cutter bar and four height sensors. The Variable Integrated Air System (V-IAS) is also available as an option.

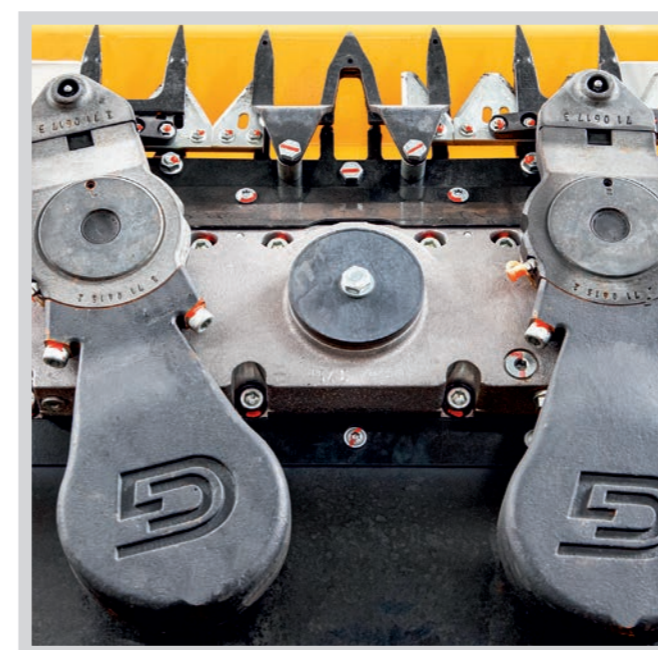
It is an ideal header for regular crops in flat land.

- Three-piece reel
- Completely flexible frame
- Rigid cutter bar
- Four height control sensors



MODEL	WORKING WIDTH	REEL DESIGN	CUTTER BAR	AUGER Ø/WIDTH	WEIGHT (WITHOUT OPTIONS)
TruFlex 40	12.20m	3-section	Rigid	600mm / 1,800mm	4,150kg
TruFlex 45	13.70m	3-section	Rigid	600mm / 1,800mm	4,300kg

The Cutting System



Hydraulic centre knife drive

The TruFlex/TruFlex Razor feature a centre knife drive. Placing the knife drive in the centre of the draper reduces the weight on the outside of the frame, improves responsiveness on the wings and reduces power consumption.

- Smoother feeding and crop delivery
- Reduced vibration across the entire head
- Hydraulic pressure valve with SCH cutting system for lasting performance
- 1,200 strokes per minute

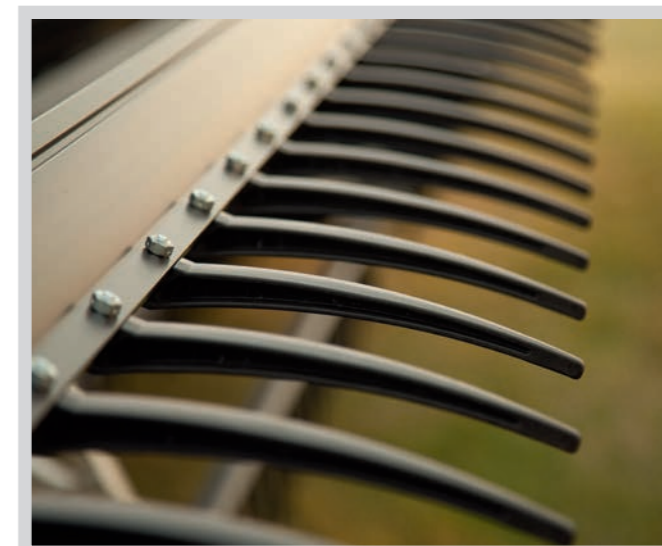
TruFlex Razor flexible cutter bar

This is the first draper head to combine a truly flexible cutter bar with a flexible frame and segmented reel, allowing for perfect contouring to uneven surfaces.

The cutter bar remains nearly parallel to the reel segments to deliver uniform cutting and smooth crop flow across the entire head.

Flip-over reel

The lightweight flip-over reel is made from high quality aluminium. It has been designed for an unobstructed view of the middle of the head for perfect control and full visibility of the entire head.





Crop Flow & Crop Feed System



Belts to maximise productivity

The TruFlex headers use lightweight and robust belts instead of heavy augers. The belts feed the crop in a very consistent flow into the combine for better machine utilisation, productivity and efficiency.

- Operators can adjust the belt speed in-cab to optimise crop flow
- No peak loads in the crop feed system
- More consistent crop feed boosts machine utilisation

Frame & bodywork

The TruFlex headers are designed to be lightweight but sturdy.

Hydraulically controlled depth wheels allow for optimum ground hugging for harvesting in almost any terrain.

Side wings are lighter for quicker adjustment and better ground following. Combined with narrow side panels means no crop pushing and minimised losses at the edges of the header.



Variable Integrated Air System (V-IAS)

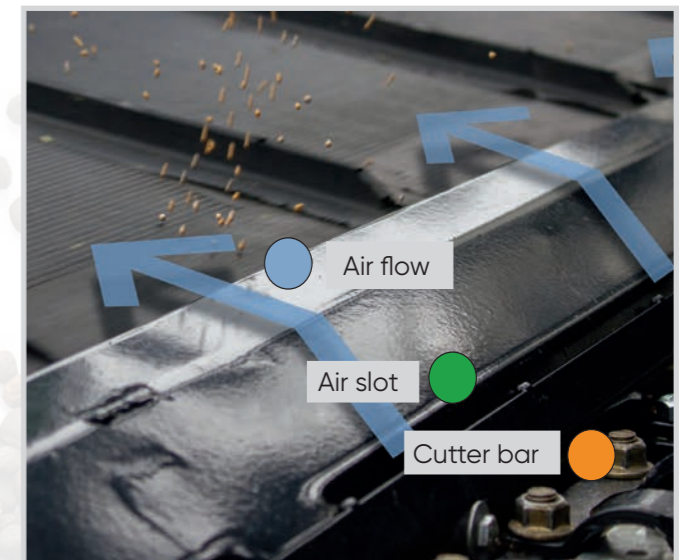
The innovative Variable Integrated Air System option significantly minimises losses that are incurred from crops being scattered away from the draper belt.

How does it work?

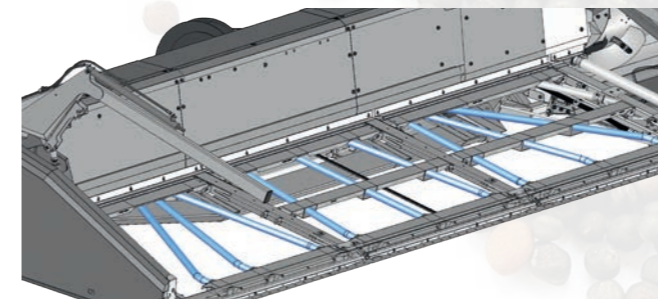
The unique V-IAS is developed for particularly sensitive and short-stemmed crops to minimise losses that are incurred on the cutter bar.

Controlled, uniform air flow is blown from slots right behind the knife towards the belt. By blowing air consistently, a large percentage of the seeds and pods that are at risk of escaping the reel are carried to the draper belt and fed to the threshing system, instead of dropping to the ground.

The V-IAS offers an adjustable flow rate that is adapted to specific grain weights by varying the fan speed – a feature that eliminates any mechanical changeovers to adjust to different crops.



Air is blown in a consistent and controlled stream through the slots right behind the knife, carrying the grains and dropping them onto the belt.



Fully integrated system

The unique air system forms an integral part of the cutter bar. Instead of using exterior tubes that are routed in front of the reel where they would engage with the crop, all air lines are integrated into the header.



Technical Data

	SIDE BELTS	CENTRAL BELT	AUGER	CANOLA AUGER
TruFlex / TruFlex Razor 12.2M	WIDTH: 1,055mm LENGTH: 4,950mm SPEED: 0-3.6m/s	WIDTH: 2,200mm SPEED: 0-3.6m/s	DIAMETER: 620mm	DIAMETER: 350mm LENGTH: 11,730mm
TruFlex / TruFlex Razor 13.7M	WIDTH: 1,055mm LENGTH: 6,500mm SPEED: 0-3.6m/s	WIDTH: 2,200mm SPEED: 0-3.6m/s	DIAMETER: 620mm	DIAMETER: 350mm LENGTH: 13,250mm
	Stepless control from CG terminal	Stepless control on the machine with variable belt speed & uniform crop flow	Manual height control	TruFlex - 2-piece TruFlex Razor - 3-piece

Optional accessories

Knives

Vertical and/or side knives mounted for perfect cuts in canola crops.

Cross auger

An additional large auger is mounted on top which helps feeding in bushy crops. The auger improves the crop flow in canola, long-steamed grain and special crops.



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