

EXPERT 427F-431-432F



Drum Mowers





Drum Mowers From the Drum Mower Expert

Lets You Focus on what Is Important

Vicon drum mowers are designed to deliver excellent performance in every situation. Their reliability lets you focus on what is important – getting the job done with the best possible result.

True Performance!

All Vicon EXPERT drum mowers are built for performance in even the toughest conditions. Each drum shaft features 4 heavy duty bearings for extended longevity.



AWARD WINNING DESIGN



red**dot**
design
award



2013:
good industrial
design



product
design award

2014

EXPERT 432F

The New Generation!

New Sleek Design

The new EXPERT 432F is a comprehensively redesigned mower with pure lines and new sleek design. Add in new features such as the next generation FlexProtect side covers, integrated toolbox and clearly marked, ergonomic handles for easy and correct setting of the mower.

Gentle Ground Contour Following

Vicon's EXPERT front mounted drum mower has been designed to offer impressive ground following abilities regardless of the circumstances. The ground contour following system allows a three-dimensional adaptation in relation to the ground. A gas cylinder has been implemented into the headstock design to reduce suspension movement. For transport the oscillating headstock will be locked in a safe position.

Excellent Cutting Quality

The oscillating headstock not only protects the machine, but also results in a more even stubble and faster re-growth. In addition the EXPERT 432F is equipped with a system which allows stubble height to be adjusted to individual circumstances by the use of spacer rings or a stepless height adjustment.





FlexProtect

The EXPERT 432F is fitted with the next generation FlexProtect side covers, now offering even more flexibility. The new side covers are made of steel fitted with a flexible polythene cover around the side surface, providing high stability and flexibility. It is a very rigid solution that effectively absorbs stress subjected to the cover and bends when hitting obstacles, without breaking the side cover.

Narrow Or Wide Swaths

The large swath wheels on either side let you adapt the swath size to your exact needs. Narrow swaths of 1.1 m for daily indoor feeding are possible. They are easy and simple to adjust from the top of the machine.

EXPERT 432F

Take Full Advantage of Your Capacity



Vicon EXPERT front mounted drum mowers are the ideal solutions to take full advantage of your tractor capacity. Whether they are used in combination with a rear mounted machine, or followed by a loader wagon.

EXPERT 432F is ideally suited in combination with the rear mounted EXTRA disc mower range or the EXPERT 432, allowing a substantial working width. The 4 drums ensure maximum crop discharge, laying a perfect swath that is easily picked up by tedders or loader wagons.

Protective V-Belt Drive

The reliable design includes a solid v-belt drive with an automatic tightening device, which helps to minimise shock loads on the rest of the transmission.



Swath wheels are easy and simple to adjust from the top of the machine.



Automatically adjustable v-belt drive.



The next generation FlexProtect, made from highly flexible and durable polythene effectively absorbs any strain subjected to the side covers.



All handles used for daily operation are clearly visible and easily accessible for maximum ease-of-use.

EXPERT 432F

Simple, Efficient Operation



Faster and Improved Crop Treatment

To maximise the flow of crop from the drums each drum features vertical transport sections fitted to the shaft. These transport plates act as 'guides', helping the flow of crop between the drums and to the rear.

This system ensures that the crop is kept away from the drums, reducing wear and risk of wrapping in long crops, while also being beneficial for faster and improved crop treatment.

Easy Maintenance

Our aim is to let you make the most of your time. This makes easy maintenance an important aspect. For service the complete top of the drum can be removed and each drum is divided into several sections for easy and cost-efficient replacement of parts.



Swath discs fitted to provide narrow swaths.



The drums are divided into several sections.



The entire front can be opened for maintenance purposes.



EXPERT 427F

EXPERT 427F is a 4-drum machine weighing only 610kg, which means it can be operated with tractors starting from 54hp. Despite these facts it still offers a working width of 2.65 m, with a minimum swath width of 0.90m.



432F has stepless height adjustment standard.



Outer guards are easily folded for narrow transport.



The headstock design ensures excellent ground following characteristics.



Knives are easily changed using a special handle. Simply push down and knives are released.



EXPERT 431

Versatile Machine for Professional Farmers



Perfect in a Combination

The strong design of EXPERT 431 allows it to be operated by bigger tractors in combination with a front mounted mower.

Ground following ability is excellent due to the simple but effective system, where ground pressure is changed by adjusting the height of the link arms.

For lifting EXPERT 431 includes a clever feature, with an extra cylinder, through which a number of advantages are obtained.

Due to the automatic height adjustment, it is not necessary to align the height of the tractor link arms, once the machine is connected.

As the PTO angle is constant during headland turns, vibrations in the transmission are eliminated, implying less wear on tractor and machine.



EXPERT 431 is transported in a horizontal position behind the tractor.



The complete front can be lifted for easy access to the drums.



Ample clearance to protect swaths from damages during headland turns.

Technical Specifications

Models	427F	432F	431
Dimensions and Weight			
Working Width (m)	2.65	3.05	3.05
Transport Width (m)	2.60	3.00	3.00
Weight Appr. (kg)	610	705	900
Drums			
Number of Drums	4	4	4
Number of Blades	4x3	4x3	4x3
Swath Width Minimum	0.90	1.10	-
Swath Wheels	2x2	2x2	-
Attachment to Tractor			
Linkage	Cat. II A-Frame	Cat. II A-Frame	Cat. III • / Cat. II o
PTO Req. min. (kW/PS)	40/54	50/68	54/73
Driveline speed (rpm)	1000/540	1000	1000
Further Equipment			
Stepless height adjustment	-	•	-
Spacers for height adjustment	•	•	•
Quick Change of Knives	•	•	•
Adj. Knife Attachment	•	•	•
Number of hydraulic outlets	-	-	1S + 1D
• = Standard o = Optional - = Not available			

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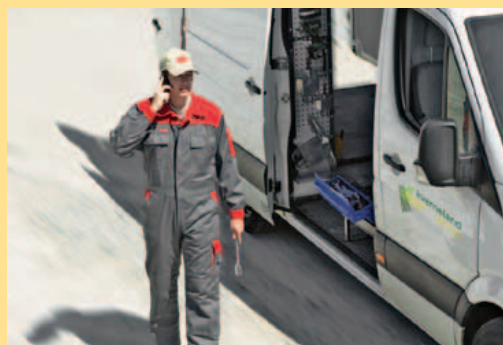
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Original Spare Parts

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

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