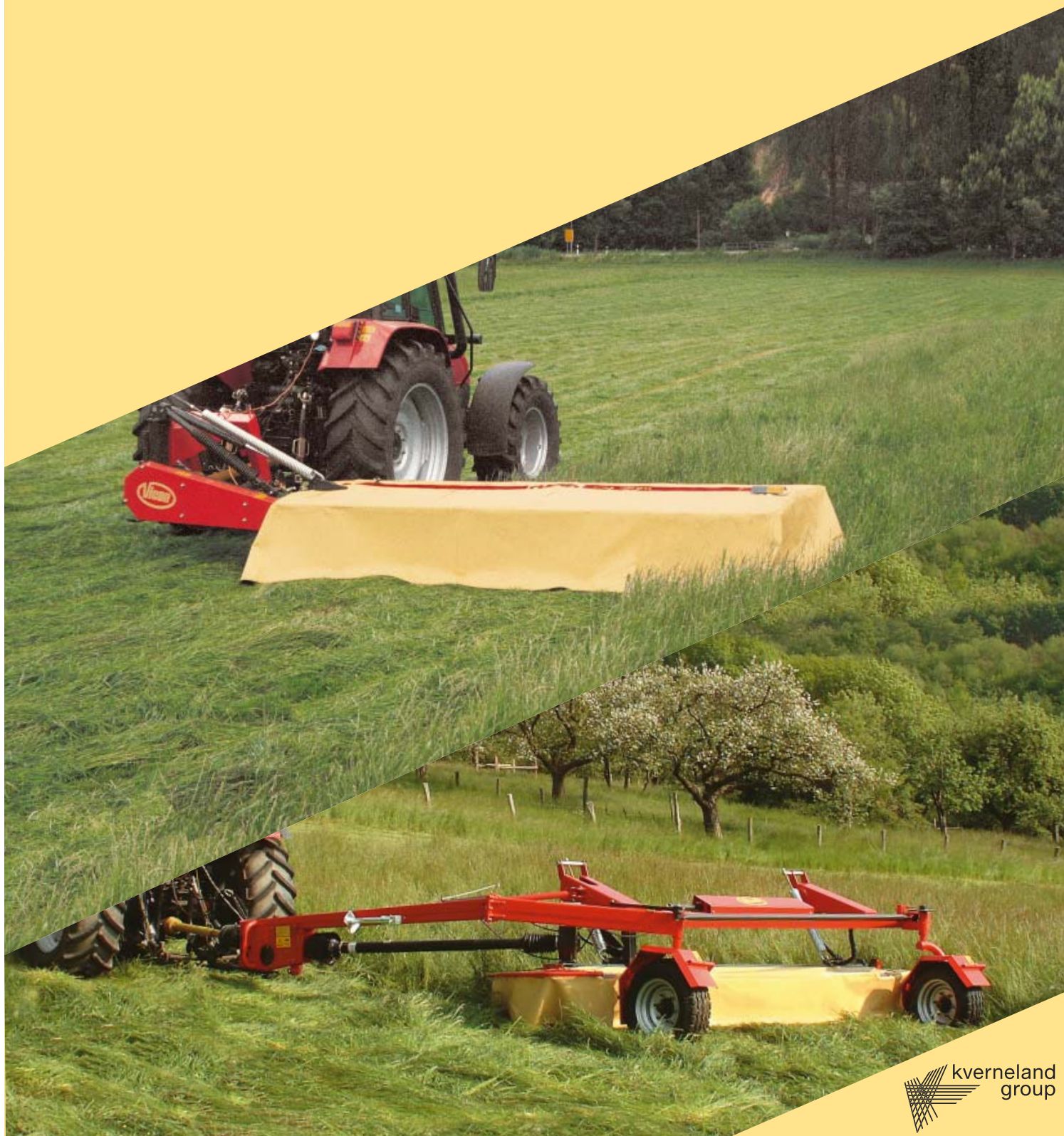


**CM 1700-2200-2400**  
**DMP 2400-2800-3200-4000**  
**KM 2800-3200-4000-4000S**



# Plain disc mowers



## Cutting quality

# The best solution to a perfect cut



**Wedge-shaped cutter bar**

### **Wedge-shaped cutter bar**

The “Wedge” shaped cutter bar, with free space at the leading edge, gives less ground resistance and glides smoothly over small obstacles without “bulldozing”.

This feature means that the machine will perform particularly well in soft soil conditions and also allows for a lower cutting height than other designs, if and when required.

An extra support bar at the rear of the cutter bar prevents the bar from flexing and provides extra strength.

### **Long life blades**

Vicon disc blades are made of hardened high grade steel. A precision-ground cutting edge extends to their entire length for a maximum service life. What is more, they are reversible, with a second cutting edge on the reverse side doubling up on value.

### **Top service hubs**

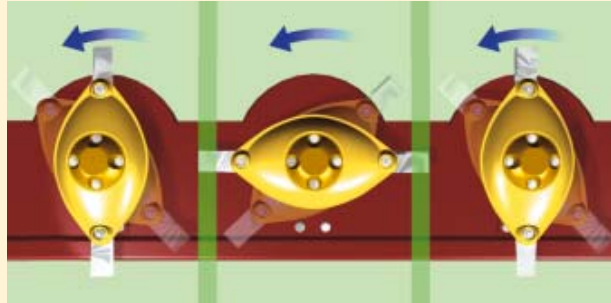
Vicon’s new top service hubs provide for simple maintenance. Each cutter head is fully serviceable without having to dismantle



**Well sealed gears and bearings**



**Vicon's contra-rotating three bladed discs provide a wider overlap, ensuring a perfect cut**



## Contra-rotating three bladed discs for a perfect cut

With three blades per disc Vicon mowers are constantly cutting. This means a third less load per blade and an even load on the drive and smoother power usage in addition to producing a neat, cleanly cut stubble. Each steel blade is precisely angled to immediately convey the cut crop upwards with a combination of mechanical action and air flow towards the conditioning rotor or rollers.

### Contra-rotating cutting discs for a perfect cut

All Vicon mower-conditioners have contra-rotating discs. Apart from the immediate crop transport to the rear the wide overlap ensures that even in wet conditions no stripes of uncut forage are left in the field.



**Top service hubs**

the entire bar. These new hubs feature widely spaced bearings for enhanced load carrying and to help handle the impact of foreign objects in the crop, baling twine, etc. A unique combination of seals protect the shafts and bearings against damage from dust and corrosive grass juices.

### Fully protected cutter bar bottom

A fully protected cutter bar bottom lessens bar wear in stony, abrasive conditions and has additional tough wear strips as standard equipment for an even longer life.



**Fully protected cutter bar bottom**

**CM 1700-2200-2400**

**Working widths 1.65 m  
(5'6") - 2.40 m (7'10")**



**Sturdy construction**

The Vicon CM mowers have a sturdy A-frame. The well proven V-belt drive protects the drive line and mower bar in case of foreign obstacles blocking the mower.

**Spring loaded break-away**

When colliding with a firm obstacle the mower bar will swing back thus absorbing the heavy shock. By reversing the mower both mower and break-away are reset in the working position.

**Adjustable linkage pins**

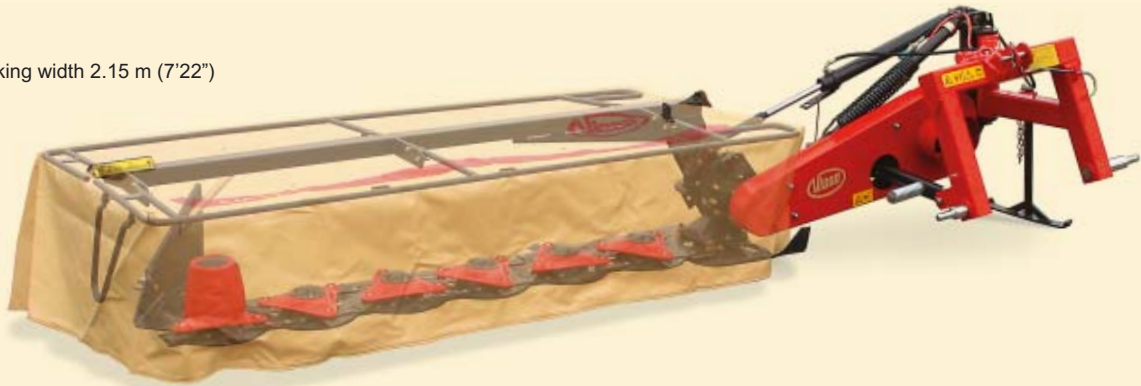
The A-frame has adjustable bottom linkage pins for better adaptation to the tractor wheel track.

**CM 1700**

4 discs, working width 1.65 m (5'6")

**CM 2200**

6 discs, working width 2.15 m (7'22")

**CM 2400**

6 discs, working width 2.40 m (7'10")

**Fast lifting at headlands**

A hydraulically operated parallelogram system lifts the mower horizontally without moving the three-point linkage of the tractor. The mowing unit is kept parallel to the ground as it is lifted, so swath damage is eliminated.

**Wide mower bar operating angle**

The CM mower bar can be operated at an angle of 90° vertical and 45° up and down slopes.



**DMP 2400-2800-3200-4000**

## **Wide working widths for high capacity**



Four high capacity DMP disc mowers offer working widths of 2.40 m (7'10"), 2.80 m (9'2"), 3.20 m (10'6") and 4 m (13'1").

### **Fast lifting at headlands**

A hydraulically operated parallelogram system lifts the mower horizontally without moving the three-point linkage of the tractor. The mowing unit is kept parallel to the ground as it is lifted, so swath damage is eliminated.



**A V-belt drive protects drive line and mower bar in case of foreign obstacles**



**Direct drive**

**Adjustable linkage pins**

The sturdy A-frame has adjustable bottom linkage pins for better adaptation to the tractor wheel track. Total range 10 cm, 5 cm left/5 cm right.

**Mechanical locking device during transport (DMP)**

When lifting the catch the mowerbar can be placed into its vertical position. In this position the catch will mechanically lock the mower bar during transport.



**Spring loaded break-away**

**Spring loaded break-away**

When colliding with a firm obstacle the mowerbar will swing back thus absorbing the heavy shock. By reversing the mower both mower and break-away are reset in the working position.



**Swath disc (optional)**



**DMP 4000 in transport position**





**KM 2800-3200-4000-4000S**

**Can be pulled by every tractor**

**The Vicon KM trailed mowers combine a superb cut with high capacity. They are easy to operate and Vicon's Free Float Suspension System ensures excellent ground following in the toughest conditions.**

**So easy to operate**

The Vicon KM mowers are easy to hitch up to every tractor. Just drop the pin into the drawbar. The cutting height is set by turning the top linkage on the left arm and the operator is ready to drive off.

The hydraulic displacement cylinder moves the machine from transport (in line behind the tractor) to working position. Both during



**Setting the cutting height**

transport and in working position the cylinder is mechanically locked to avoid any possible damage to the drive line.



**Easy to hitch up to every tractor**



**Cutting tight to the ground with Vicon's Free Float Suspension System**

## Cutting tight to the ground with Vicon's Free Float Suspension System



**When encountering humps or bumps the mower unit lifts and swings back at the same time**

The overhead frame design with the mower suspended by links and coil springs allows cutting tight to the ground. The mower unit floats over ground contours without uneven fields damaging or unsettling the machine. When encountering humps or bumps the mower unit lifts and swings back at the same time thus reducing the sudden impact on the mower bar.



### **Fast lifting on headlands**

To lift the mowing unit on headlands and during transport. Only one single cylinder is required. The ground clearance in raised position is 35 cm (14").

### **From transport to working position**

A hydraulic steering cylinder moves the mower from transport to working position. During transport and in working position the mower is mechanically locked to prevent any possible damage to the driveline.



**Hydraulic steering cylinder**





### **Transport width less than 3 m (10')**

The KM 4000S has a transport width of less than 3 m (10'). Conversion from working to transport position is done hydraulically from the tractor. The KM 4000 S is easy manoeuvrable when going through gateways and follows smoothly behind the tractor.



**Following smoothly behind the tractor**



**KM 4000S in transport position**



## **Vital parts**

The Kverneland Group regards the sale of each machine as the start of a long-term and valuable relationship. To support the relationship, we provide the vital high quality spare parts and an efficient spare parts service.

Our parts are designed to ensure reliability, safety and an optimal performance of the machines. The quality lies in the innovative construction work and in the production processes at our production sites. The spare parts are available in close proximity to you; at our dealership in your area as well as at our distribution centres. We maintain high availability of spare parts to ensure minimum operational disruption at your end.

You can depend on the Kverneland Group to offer a premium service. It's vital for us!



## Technical specifications

Type	CM 1700	CM 2200	CM 2400
Working width	1.65 m (5'6")	2.15 m (7'2")	2.40 m (7'10")
Weight approx.	415 kg (910 lb)	480 kg (1050 lb)	495 kg (1090 lb)
Speed pto	..... 540 rpm .....		
Linkage pins type	..... cat. I+II .....		
Number of discs	4	6	6
Number of blades	12	18	18
Operating angle cutting bar	..... 90° vertical up to 45° slope .....		
Power requirements	26 kW (36 hp)	30 kW (42 hp)	33 kW (46 hp)
Swath board R	•	•	•
Swath board L	o	o	o
Swath disc L/R	•	•	•
Skids for mowing height adjustment	o	o	o
PTO drive with over run clutch	o	o	o

Type	DMP 2400	DMP 2800	DMP 3200	DMP 4000
Working width	2.40 m (7'10")	2.80 m (9'2")	3.20 m (10'6")	4 m (13'1")
Weight approx.	530 kg (1170 lb)	600 kg (1320 lb)	650 kg (1350 lb)	800 kg (1660 lb)
Speed pto	..... 540 rpm .....			
Linkage pins type	..... cat. II .....			
Number of discs	6	8	8	10
Number of blades	18	24	24	30
Operating angle cutting bar	..... 90° vertical up to 36° slope .....			
Power requirements	33 kW (46 hp)	41 kW (55 hp)	48 kW (65 hp)	66 kW (85 hp)
Swath board R	•	•	•	•
Swath board L	o	o	o	o
Swath disc L/R	o	o	o	o
Skids for mowing height adjustment	o	o	o	o
PTO drive with over run clutch	•	•	•	•

Type	KM 2800	KM 3200	KM 4000	KM 4000S
Working width	2.80 m (9'2")	3.20 m (10'6")	4.0 m (13'1")	4.0 m (13'1")
Transport width	3.30 m (10'10")	3.50 m (11'6")	4.72 m (14')	3.0 m (9'8")
Weight	950 kg (2090 lbs)	1000 kg (2205 lbs)	1130 kg (2491 lbs)	1200 kg (2640 lbs)
Number of wheels	2	2	2	2
Tyre size standard	10.5/65x6 10 ply	10.5/65x6 10 ply	10.5/65x6 10 ply	10.5/65x6 10 ply
Power requirement	40 kW (54 hp)	45 kW (60 hp)	55 kW (75 hp)	55 kW (75 hp)
Speed ptoLinkage pins type	..... cat. II .....			
Number of discs	8	8	10	10
Number of blades	24	24	30	30
Swath width	2.5 m (8'2")	2.8 m (9'2")	3.6 m (11'10")	3.6 m (11'10")
Incl. swath boards (optional)	1.9 m (6'3")	2.2 m (7'3")	3.0 m (9'10")	3.0 m (9'10")

• = standard o = optional



Kverneland Group is the largest specialised producer and distributor of farming implements in the world. The Group is a family of strong brands enabling us to provide both the farmer and dealer with a unique and complete range of high quality products for soil preparation, grass harvesting, seeding, spreading, spraying, potato cultivation and grape harvesting.

[www.kvernelandgroup.com](http://www.kvernelandgroup.com)



## A full range of forage harvesting equipment

Vicon offers you a full range of forage harvesting equipment: drum and disc mowers and mower conditioners, tedders, rakes, fixed and variable chamber round balers, big square balers, bale wrappers, fertiliser spreaders and maize choppers.



All Vicon machines are protected by a Duracoat powder paint coating. The result is a sealed extremely hard wearing and attractive finish.

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