

CM 1700-2200-2400



Plain Disc Mowers



Cutting Quality

The Best Solution to a Perfect Cut



Vicon's three-bladed design, produces a cleanly cut stubble and a minimum of striping.

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 cutterbar prevents the bar from flexing and provides extra strength.

Long life blades

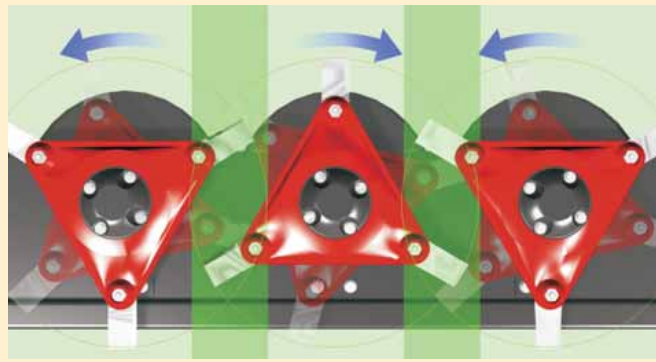
Vicon disc blades are made of hardened high grade steel. A precision-ground cutting edge extends to their entire length for maximum service life. What is more, they are reversible, with a second cutting edge on the reverse side doubling up on value.

Top service hubs

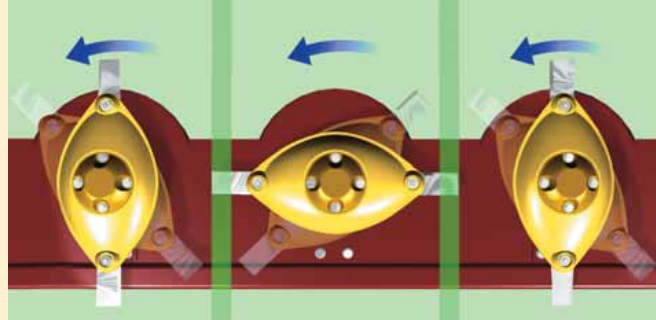
Vicon's new top service hubs provide for simple maintenance. Each cutter head is fully serviceable without having to dismantle



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, 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 cutterbar bottom

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



Fully protected cutterbar bottom.

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Reliable Mowing Performance



Vicon CM 1700 with 1.7 m working width.

The range of Vicon CM side mounted disc mowers are very easy to use solutions for reliable performance, and excellent mowing quality.

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.



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



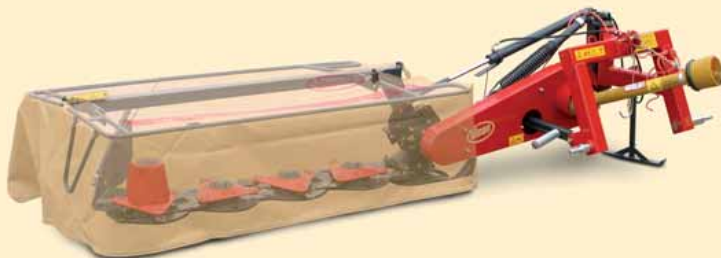
Swath disc (optional) to separate the mown crop from the unmown.



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



The mower is lifted to a 90° vertical transport position well inside the tractor wheels for safe and stable transport.



CM 1700

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



CM 2200

6 discs, working width 2.15 m (7'2").

Easy Operation



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.



Spring loaded break back

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.



Technical Specifications

Type	CM 1700	CM 2200	CM 2400
Working width (m)	1.65 (5'6")	2.15 (7'2")	2.40 (7'10")
Weight approx. (kg/lb)	390 (860)	455 (1000)	495 (1090)
Speed pto (rpm)	540		
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 (kW/hp)	26 (36)	30 (42)	33 (46)
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	•

* Minimum requirement on weight of tractor. • = standard o = optional

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