



TOP LINE

QUALITY EQUIPMENT





CLOSER CUTTING, FASTER MOWING AND MAXIMUM FUEL EFFICIENCY



More hay and silage off a paddock with a close, clean, even stubble for best regrowth is the major benefit of Vicon disc mowers.

Ideally suited to the sometimes undulating terrain of New Zealand farms, the three blades per disc, their tips travelling at 280 kilometres an hour, mean maximum cutting efficiency, requiring minimum power, with less wear and tear on mower and tractor.

That adds up to greater fuel efficiency and less cost, because Vicon cutter bars are driven by straight

cut gears that give the highest efficiency of power transfer.

Vicon mowers are the fastest in the world. At a top speed of 32 kilometres an hour, without loss of quality, they still throw out a light, airy windrow that ensures fast drying. Angled long-life reversible blades ensure this excellent result.

Vicon disc mowers are easy to set and operate at faster speeds with lower power requirements than other hay mowers. Plus, Vicon mowers are quiet, vibration-free and built to last. Choose from three convenient sizes to tackle all your mowing needs.

NO FARMERS — NO FUTURE

Technical Specifications

	CM165	CM216	CM240
Working width	165cm	216cm	240cm
Transport width	tractor width		
Number of discs	4	6	6
PTO Speed (rpm)	540	540	540
Disc Speed (rpm)	3000	3000	3000
Weight	295 kg	350 kg	390 kg
Driving Speed	15 km/h	15 km/h	15 km/h
Power requirement	35 HP	40 HP	45 HP

"QUALITY MOWERS, ECONOMICAL AND EFFICIENT"

Tim Woods of Koromatua, a Waikato sharemilker and silage and hay contractor says;



"The Vicon CM-165 (5'6" cut) is a terrific mower. I need less horsepower, there's less drag on the tractor, it's clean cutting and requires low maintenance.

I do a lot of hill work and I save time with the CM-165 because less drag means you don't lose speed, even on a 53 horsepower John Deere that's only 43 horsepower on the PTO.

I did a silage job covering 6½ acres an hour on rolling country. At that speed it was still making a clean cut.

It's quality mowing, economical and efficient.

I have been using Vicon for four years now, and had no breakdowns last season.

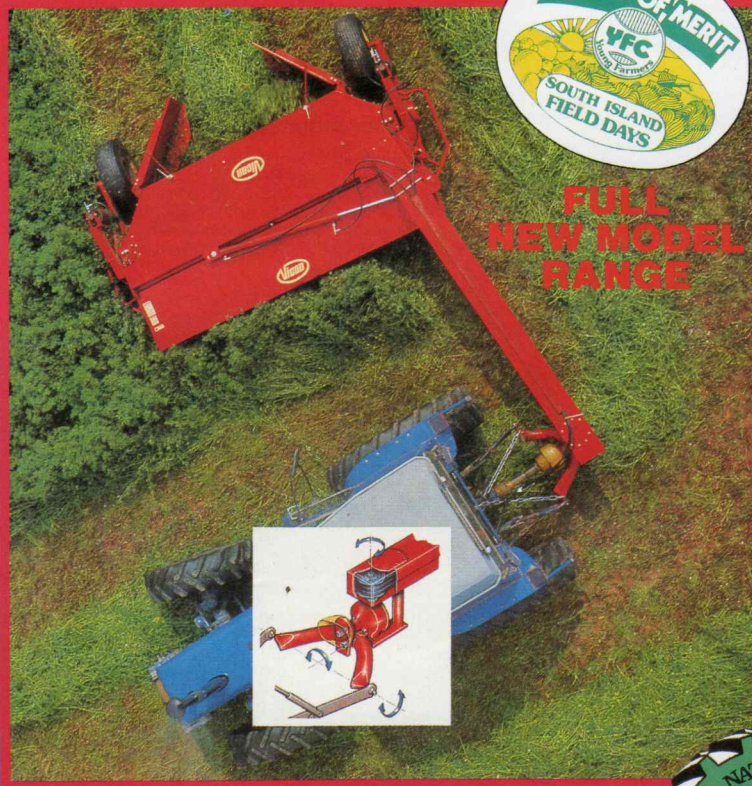
But I always read the owners manual to familiarize myself with a new implement before starting."



MOW SQUARE CORNERS WITH THE AWARD-WINNING SWIVEL HITCH



**FULL
NEW MODEL
RANGE**



Mower conditioners have one major purpose – to produce better fodder, leading to improved stock condition and higher returns to farmers.

Vicon is the **ONLY** brand to offer both types of conditioner, nylon crimper rollers for heavy stalky crops and reversible nylon flail conditioners for meadow grasses.

The outstanding advantage is the time saving capability of the swivel hitch, Vicon's unique feature which mows square corners on the move, eliminating delays at every turn.

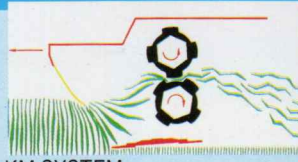
Panels of practical farmers and agricultural engineers have given design and product awards to this outstanding Vicon advance, at the New Zealand National Fielddays in June 1985, and in March 1985 at the Young Farmers' Clubs Field Days in Canterbury.

The question always asked is whether the additional cost of a conditioner is justified. Through extensive tests both overseas and in New Zealand independent experts say "yes" if quality and reduction of losses are considered important.

Vicon offer 5 cutting widths from 165cm to 320cm alternatively selected from the two conditioning systems available.



OM SYSTEM



KM SYSTEM

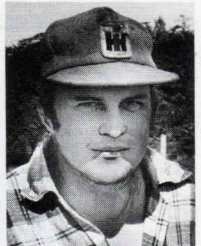


N O F A R M E R S — N O F U T U R E

Technical Specifications

	KM165	KM241	KM321	OM216	OM281
Working Width	165cm	240cm	316cm	215cm	283cm
Transport Width	175cm	273cm	346cm	120cm	316cm
Weight	650kg	1070kg	1465kg	750kg	1250kg
Number of discs	4	6	8	6	8
Number of blades/discs	3	3	3	3	3
Disc speed (rpm)	3000	3000	3000	3000	3000
Knife tip speed	295km/h	295km/h	295km/h	295km/h	295km/h
Roller/Rotor speed (rpm)	700	700	1000	975	1080
PTO drive	540	540/1000	1000	540	540/1000
Min. power requirement	45hp	60hp	80hp	60hp	75hp
Average capacity in practice	2ha/hr	3ha/hr	4ha/hr	2ha/hr	3.5ha/hr

Mr Brent Stone, agricultural contractor of Ladbrooks Canterbury has this to say about the new Vicon KM241 mower conditioner.



"It's a great machine. It mows around square corners at your normal mowing speed. It speeds up the job, saves time, and avoids going back to mow out the corners afterwards.

It's also a lot more manoeuvrable getting to the paddock, through gateways, down tracks and you can turn a lot sharper without hitting the drive shaft or doing any damage."



AWARD-WINNING RAKES HIGHLIGHT 30 YEARS EXPERIENCE

Solving problems before they happen is the Vicon way of ensuring trouble-free harvesting. Tedder rakes are a grand example.

First there are non-breakable tines, but against the remote possibility that the separate absorption spring will break they are fixed so they do not fall into the crop.

Tyre and wheel problems don't exist, because Vicon has done away with both. Instead, there is a skid which rides easily over the roughest surface.

Vicon's contra-rotating action copes with silage as easily as hay, because the crop is fluffed up in an ideal windrow. Other side delivery rotary rakes tend to roll green grass into sausages that forage harvesters really don't like.

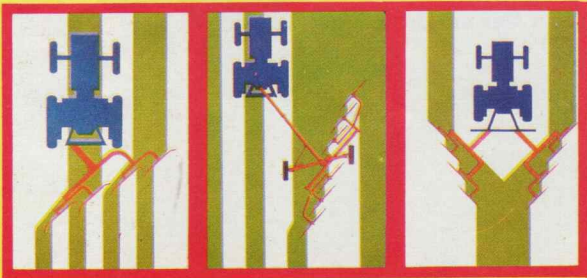
Vicon tines can be changed, from raking to tedding and back again, with a simple operation. With the wider RC330 you don't have to adjust each tine separately.

Just after its release the RC300 was awarded a product improvement "Award of Merit" at the 1984 New Zealand National Fielddays, at Mystery Creek, Hamilton.

The RC300 has a 2.9m working width and the RC330 is 3.3m.

FAITHFUL FINGERWHEEL RAKES

Since their introduction in the fifties, the performance, flexibility and lifetime of the ground-driven fingerwheels are unmatched. The big balers and forage harvesters of today need fast and airy windrowing and this explains why there is still a great demand for fingerwheel rakes, available in working widths from 2.25m up to 6.70m.

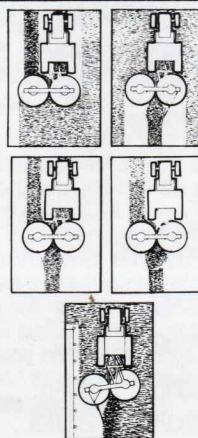


NO FARMERS — NO FUTURE

Technical Specifications

Fingerwheel Rakes	Acrobat HKX 620	Springmaster H1020	Trapeze H1240
Number of fingerwheels	4	6	8
Diameter of fingerwheels	1.45m	1.45m	1.45m
Number of tines per fingerwheel	40	40	40
Working width when raking, when swath-turning	2.25m 1.65m	3m	5.40m
Transport width	1.45m	2.75m	3.60m
Operating speed up to	22km/h	22km/h	22km/h
HP requirement	25	25	35
Weight approx.	167kg	309kg	466kg

Tedder Rake Technical Specifications



	RC300	RC330
Working Width	2.90m	3.3m
Transport Width	2.0m	2.35m
Weight	310kg	390kg
Number of rotors	2	2
Number of double tines per rotor	8	10
Upper tine	nylon	metal
Lower tine	metal	metal
Linkage pins	cat.1 + 11	cat.1 + 11
Greasing Points	2 nipples	2 nipples



THE MOST ACCURATE SEEDER/SPREADERS

Vicon seeder/spreaders come in a range of six sizes, with many accessories to suit every application need in farming and horticulture.

Not a claim made lightly, but indeed a fact and the reason is simple. The unparalleled accuracy of Vicon has been confirmed in many independent tests.

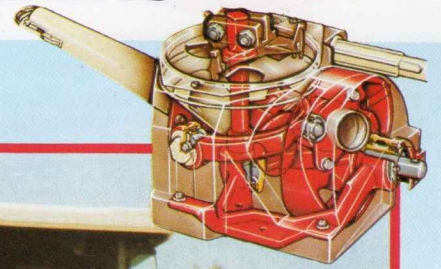
Calculate the setting on a simple slide rule, set the spreader up, then test the accuracy before you start work – that's the positive control which Vicon provides.

Pick the spout to suit your job – standard spout with interchangeable end-pieces for pastoral and arable work, band spout for orchard use to put fertiliser at the foot of the plants, New Zealand adapted siderow dresser for delicate seedlings in market gardens, windshield to stop powders and lime or herbicide from blowing away, fine seeds such as clover or turnips application kit. There are 96 setting combinations to ensure every job is done to your total satisfaction.

Vicon is the only brand that can offer you a choice of six seeder/spreaders with spreading widths ranging from 2m to 14m. Spread any granular material including lime, fertilizer, sand or seed. Models start at 200kg capacity and are available up to 2500kg capacity trailerised – but all provide the accuracy you demand.

Foolproof calibration, very cost efficient, durable long-life components, easily cleaned – you can't ask for more than a Vicon spreader.

Vicon – the world's first choice for accuracy, versatility and reliability.



N O F A R M E R S — N O F U T U R E

Technical Specifications

Model	PS 202	PS 302	PS 402	PS 602	PS 1002	PS 1002T
Hopper Capacity	175 litres	275 litres	400 litres	600 litres	1000 litres	1000 litres
(Approx cwt)	4	6	8	12	20	20
Loading Height	77 cm	92 cm	89 cm	94 cm	114 cm	175 cm
Effective spreading width (overlapped)	2-14 m	2-14 m	2-14 m	2-14 m	2-14 m	2-14 m
Hopper Width	106cm	106 cm	143 cm	174 cm	174 cm	174 cm
Hopper Depth	65 cm	65 cm	112 cm	154 cm	154 cm	154 cm
Total Weight	74 kg	80 kg	115 kg	146 kg	164 kg	450 kg

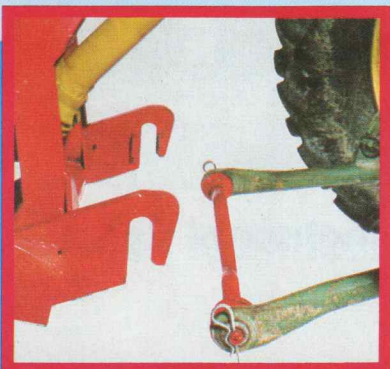
NEW PS 2512 Technical Specifications

Capacity	2500 litres
Max. load	4,000 kg
Max. load on road	2,000 kg
Weight Approx.	800 kg
Track width	1.6m
Wheel equipment	13.5x17
Overall width	1.95m
Transport width with powder attachment	2.25m
Loading height Approx.	2m
Spreading width:	
Granular & Prill	6 to 15m
Powders	6m





THE PERFECT FINISHING TOUCH FOR SEED BEDS



Reciprocal action tines on a Vicon power harrow don't throw up the sub-soil. That means moisture stays in the ground for speedy germination and faster plant growth.

This also means you can get to work sooner in wet conditions, and do a better job.

Vicon's driven harrow system needs less horsepower and it's faster, so you use less fuel and cut costs.

Fewer moving parts mean more reliability, bolted tines make for easy servicing and a shock absorber system between harrows and tractor reduces vibration so driver and tractor have it easy.

And when the job is done, you get a very level seed bed, thanks to Vicon's reciprocal tine action and the heavy duty crumbler roller giving a perfect finish.

A quick-attach hitch is standard and a choice of 3m or 4.5m working widths is available.

Arable farmers throughout New Zealand will testify to the claims made of the Vicon power harrow and also agree that this equipment is very much underrated in the field of cultivation tackle.



NO FARMERS — NO FUTURE

Technical Specifications

	NEW MODEL		
	SE 300	SE 450	SE 301
Number of tines	34	54	34
Working width	3m	4.5m	3m
Max. working depth	20cm	20cm	20cm
P.T.O. Speed (R.P.M.)	540	540	540
H.P. Requirement	from 50hp	from 80hp	from 55hp
Weight, w/crumbler	610 kg	905 kg	780 kg
Transport width	3m	2.10m	3m
Tine wrench	included	included	included
Forward speed	3.13km/h	3-13km/h	3-13km/h





ALL THE BENEFITS YOU'VE EVER ASKED FOR IN A SEED DRILL

Vicon seed drills are easy to use, gentle on seeds, accurate within 2% in all conditions and outstanding in performance.

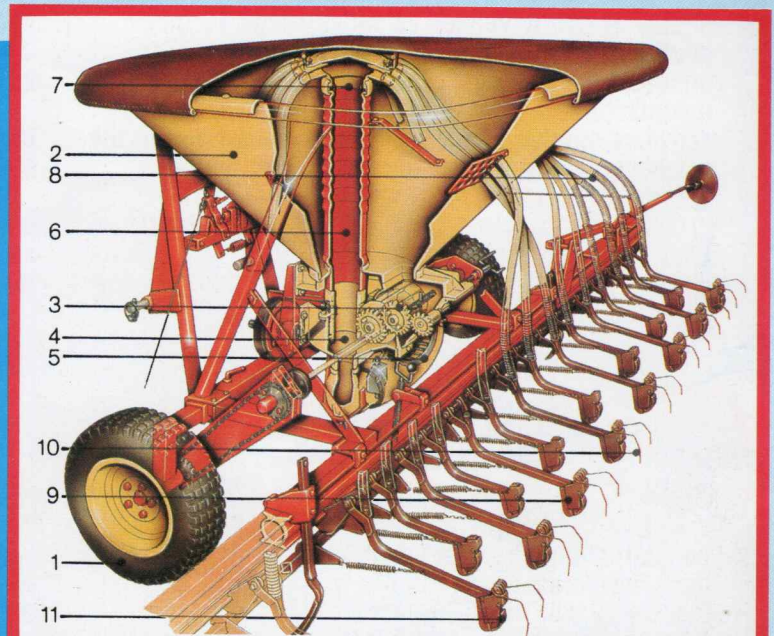
One reason is that Vicon carries the seed on a cushion of air, for these are pneumatic drills, with a range of sowing rates from 2kg to 250kg a hectare – all on a central adjustment. Calibration is simple and can be pre-tested.

As standard there's a speedy quick hitch to the three-point linkage on the 6m wide model, row spacing adjustment from 94mm to 150mm, ground drive distribution for accurate sowing at any speed with variable track setting, fine seed adjustments to suit any size of seed, following tines to close the furrows after sowing and also driving wheel eradicator tines. Hydraulic operated disc markers ensure perfect bout matching, eliminating fear of missing or overlapping.

Vicon coulters have stoppers that prevent clogging, with the choice of standard Suffolk coulters – ideal for air-blown seed – or optional band coulters, (also Suffolk type) where a wide spread is required, perhaps for grass seed.

With precision control and a wide range of options, such as manual or electronic tramlining kits, a Vicon pneumatic seed drill is away ahead in crop establishment.

New Zealand users have a choice of 3 metre 24 run, 4.5 metre 32 run and 6 metre 48 run wide models.



Rotation of the landwheel (1) allows seed from the hopper (2) to pass through the fluted barrel wheel (3). The seed then passes to the venturi of the injector tube (4). Airflow from the fan (5) transports the seed up the diffuser tube (6) to the distributor (7), where it is evenly distributed among the seed tubes (8). The seed is blown through these flexible tubes to the coulters (9). Seed covers (10) close the furrows immediately behind the coulters. Coulter blockage when the machine is lowered or reversed is prevented by the coulter stops (11).



NO FARMERS – NO FUTURE

RANGE OF ACCESSORIES

- ★ Hopper extensions to increase seed capacity.
- ★ Extra coulters to reduce the row spacing.
- ★ Banding coulters.
- ★ Insert sieve to remove impurities in the seed.
- ★ Shut-off valves to close individual seed tubes.
- ★ Blanking-off distributor heads for sowing at varying row spacing; the supply to a number of seed tubes is then shut-off.
- ★ Electronic system for automatic tramline formation during sowing. Individual coulters are then shut-off in accordance with a preset pattern. The resulting tramlines can then be used later during fertilizer spreading or spraying. The system is controlled by means of a panel in the tractor cab.
- ★ Pre-emergence marker to mark the tramlines allowing them to be seen easily before germination of the seed.
- ★ Filling platform to simplify filling from the ground.

Technical Specifications

	LZ301	LZ451	LZ601
Working Width	3m	4.5m	6m
Number of coulters/ row width in mm	24/125mm	32/141mm	48/125mm
Transport width	2.95m	2.95m	2.15m
Track width	1.50m or 1.70m	1.50m or 1.70m	4.25m
Hopper capacity	500 Litres	700 Litres	1400 Litres
With hopper extension	700 Litres	—	—
Wheel equipment	7.00 x 12	7.00 x 12	7.50 x 16
Weight empty	400-450kg	500-525kg	870-1100kg

HISTORY

It was in 1910 that the Vissers family started a smithy at Nieuw Vennepe, a small village 10 miles south-west of Amsterdam. Over the years unsurpassed experience has been gained in the manufacture of agricultural machinery. Pioneering activities outside the agricultural field have led to the establishment of a large polyester plant and an automatic foundry.

Vissers Construction Nieuw Vennepe is today known as Vicon, a company which aims to develop original, versatile and high quality machinery for the agricultural world.

More importantly for New Zealand, the Vicon fingerwheel hay rake made its appearance in this country in 1956, a revolutionary design which virtually took over the hay paddocks of the nation.

Along with it came fertiliser spreaders, with a pendulum operation and total accuracy perhaps too sophisticated at that time to be fully appreciated.

Advanced and innovative design including the use of computer technology has seen Vicon emerge as a market leader around the world, and as one of the most respected brands in New Zealand.

SERVICE

One third of the Vicon staff (approx. 1000 people) is working overseas to advise, train and help local dealers and their staff to make sure that Vicon machinery will satisfy the farmer.

Service is much more than nuts and bolts. It is all the advantages offered through a selected New Zealand dealer network backed by trained staff.

Parts are an essential ingredient of service and Vicon's authorised dealers can provide promptly or have access to, total back-up for all products at any time or season.

But service starts long before that. It begins with competent sales presentations, assessing a need and offering the right machine to do the job. It ensures demonstrations which highlight capabilities and options, giving a clear understanding of what Vicon implements can achieve.

Vicon is as specialised a product as a car or tractor. There are major benefits in dealing with someone who knows and understands – your authorised Vicon dealer.

GUARANTEE

Special facilities are available at the Dutch factory for exhaustive testing of completed machinery. An example is the spreading test hall where fertiliser spreaders can operate at full width. Computer controlled weighing indicates the accuracy of the spreading pattern.

The Vicon guarantee goes far beyond the words on paper which say how a piece of machinery is protected from faulty materials or workmanship.

It is a total concept – excellence in design backed by years of experience, quality products

performing in various environments – exceptional implements which even undergo rigorous prototype evaluations here in New Zealand.

It is comprehensive literature with every machine, local or overseas experts ready, willing and able to advise on adjustments, corrections or alternative applications to achieve desired results.

The Vicon guarantee is confidently summed up in the motto "No Farmers – No Future" and the very firm belief that the best advertisements are well satisfied owners and operators.

MASTER AGENTS –  NEW ZEALAND LTD AGRICULTURAL DIVISION

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Your Local VICON DEALER authorised by Sunbeam New Zealand Limited is:

PROVIDING QUALITY FOR THOSE WHO DEMAND THE BEST.