

Smarter, faster, stronger!



Lely Product Range 2011/2012



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Smarter, faster, stronger!

With international dairy prices picking up and with some much required rain on most parts of the country it now looks like there is a much better season ahead of us. In the past year the Lely New Zealand product range has again become faster, smarter and stronger! Continuous innovation and testing to a large extend in New Zealand has resulted in the introduction of many new models and most of them can be found in this catalogue in front of you. We would hope that we can bring a contribution to running your operation more profitable, make your job more enjoyable and easier and contributes to happier, healthier cattle.

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Lely Splendimo M Mowers

Not all disc mowers are the same! Lely's unique modular cutter bar concept requires 15 to 30% less power to drive than conventional oil bath gear drive systems.

The new Splendimo M mowers have been improved in many ways and now excel in durability and ease of operation. The mowers allow for a large flow-through of crop, making the quality of mowing and the capacity of the Lely Splendimo cutter bars stand out well. Mid Pivot suspension of the cutterbar allows optimum free ground contour following. Mowers are fitted with a top drive, which eliminates the need to fit an inner shoe and also allows a cutting width that exceeds the width of the cutter bar itself. The M mowers have been tested intensively (also in New Zealand).

- New hydropneumatic suspension
- Total freedom of movement due to central pivot for unrivalled ground contour following
- Adjustable ground pressure and strong integrated mower frame
- Maintenance free mechanical "double acting" break away safety device
- Standard fitted with the quick change "Clip System"

Lely Splendimo Classic Mowers

The hardened Splendimo discs are driven directly from the gearbox by a flexible, hexagonal spring steel shaft.

- Splendimo Classic Disc Mowers feature V belt drive and are available in 4, 5, 6, 7 & 8 disc models ranging from 1.65 to 3.2 metre cut
- Less downtime – modular construction means easy service and repairs.



Splendimo M

The Lely Splendimo has the lowest power requirements for mowing of any machine tested. These show an average fuel saving of **1 litre per hectare** compared to the other brands.



Splendimo Classic

Model Summary	Cutting Width
Splendimo 165 Classic	1.65m
Splendimo 205 Classic	2.0m
Splendimo 240 Classic	2.4m
Splendimo 280 Classic	2.8m
Splendimo 320 Classic	3.2m
Splendimo 280M	2.8m
Splendimo 320M	3.2m
Splendimo 360M	3.6m
Splendimo 900M	9.0m
Splendimo 240F	2.4m
Splendimo 280F	2.8m
Splendimo 320F	3.2m
Splendimo 550P	5.5m



Lely Splendimo Clip System

Splendimo Clip System standard on all new Lely Splendimo mowers.

Lely's unique blade quick change system results in a rapid and easy blade changes while maintaining the safety of bolt fixation yet eliminates time wasted dealing with worn or damaged bolts and nuts.

A unique blade quick change system – Safe, Secure and simple!





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Lely Splendimo 550P Center Pull Mower

The unique Splendimo 550P (center pull) mower conditioners make it possible to harvest a clean crop with as much nutritional value as possible, and being able to mow either on the left or right hand side of the tractor enables a very high output. The Splendimo 550P folds down to 2.6m on the road and with a large overlap this machine has obvious advantages. The biggest difference between a trailed mower and a front or rear mower is that by making use of a transport frame, weight plays much less of a role. Trailed mowers consequently have a very

high specification and have the best possible contour-following system. Ideal for use with a light tractor to give perfect results under most difficult conditions.

Excellent ground contour following

One of the most important features of this trailing mower with 2 floating cutter bar segments is the hydraulic suspension assisted by nitrogen charged accumulators. This gives the capability to follow ground contours precisely and effortlessly and can be adjusted without tools.



Lely Splendimo Mower Conditioners

Quality silage/faster hay drying time. New Lely Impeller 'Hi Crop Flow' mower conditioners achieve the optimum dry matter content as quickly and effectively as possible with minimum power requirements!

There is a Lely Splendimo mower conditioner ideally suited to your farming operation. Enormous fuel savings and easy to maintain modular design make this a very economical investment with low horsepower requirements. Lely's nylon conditioner flails are fitted in a spiral form around the rotor, quickly moving the crop flow rearwards and up through the conditioning hood at the same time removing the waxy layer from the stems without damaging the structure of the leaves or stems and maintaining maximum nutrient value. The flails are lightweight for longer life and are cow friendly.

The Lely Splendimo mower conditioners have the best wilting performance and the lowest power requirement according to a comparison conducted by German farming magazine 'Profi'.

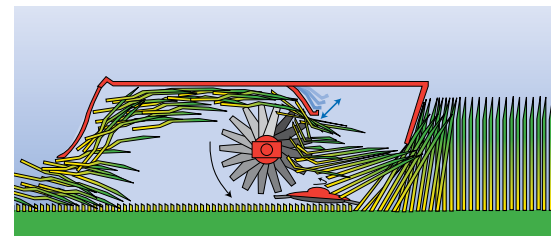
• **Splendimo MC** Mower Conditioners are top drive, rear linkage mounted models featuring a central pivot mower conditioner. In varying ground conditions a "heavy" mower can damage the cut surface, and a "light" mower can show signs of lift at high driving speeds. In order to prevent this, the hydro-pneumatic weight relief system constantly raises the mower bed via the central pivot arm to an extent where the ground pressure is ideal. With MC mowers, this pressure can be adjusted in a continuously variable fashion by means of the hydraulic system of the tractor.

• **Splendimo FC Conditioners** are front mounted and feature the top drive system as well as the parallelogram suspension to ensure perfect ground contour following. Splendimo FC Conditioners are front mounted and feature the top drive system as well as the parallelogram suspension to ensure perfect ground contour following. The on board hydraulic ram allows industry leading ground clearance and an optional side shift headstock is ideal for working on steep slopes and around tight corners with a triple mower.

• **Splendimo PC Conditioner.** A pull-type trailing machine that comes in a 3.2 metre cutting width. The unique parallelogram construction provides optimum flotation to closely hug the ground contours at the highest mowing speeds. The drawbar is centrally mounted on the machine and coupled to the tractor linkage to allow mowing on either left or right side of the tractor.

• **Splendimo 900MC.** This front and rear butterfly mower-conditioner combination is designed for the true professional. Consisting of three 3.2 metre cut machines, one mounted out front and two either side behind the tractor, this monster cuts a massive 8.9 metre swath. Despite the size, these machines offer fast coupling and uncoupling and feature a twin pivot system for the best in ground contour following.

• **Splendimo 900M.** The Splendimo 900M is also available as a straight mower without conditioners with the same 9.0m working width and unique break away protection on the rear mowers.



Splendimo 320PC

Model Summary	Cutting Width
Splendimo 240MC	2.4m
Splendimo 280MC	2.8m
Splendimo 320MC	3.2m
Splendimo 900MC	9.0m
Splendimo 280FC	2.8m
Splendimo 320FC	3.2m
Splendimo 320PC	3.2m





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Lely Splendimo 900 brings Bluegrass results.

As Brook and John Nettleton grew their contracting business in recent years to include the Taupo region they have also looked to boost the productivity of their grass and maize harvesting machinery.

By taking of business further south the owners of Bluegrass Contracting have managed to stretch their grass harvesting business out to cover four months of the year, and do so without major outlay on new equipment.

When Brook did have to look at upgrading his mower set up he was intent on doing so without incurring the extra cost of a bigger tractor to drive the mowers

The Lely 900MC Splendimo triple mower held strong appeal because he would be able to continue using his 200hp Fendt Due to low horse power requirements of the Lely mowers. .

"I had seen plenty of three mower set ups requiring 300hp and did not want to go down that road," says Brook.

He was impressed with the Lely Splendimo's simplicity in design, one that has also given it a high level of tensile strength, without incurring increased weight disadvantages. A unique twin centre pivot system also ensures the mower's weight is distributed based on its centre of gravity. The pivot point linking the headstock to the pivot arm provides fuller movement freedom and more even ground contact.

Brook says he was not initially intent on buying a mower-conditioner set up, given the extra wear a

conditioning system brings to a mower. However he found the plastic tines on the Lely Splendimo did not load up the drive system or add large amounts of weight to the extent more common steel tines did.

"Also if one breaks, you do not get that vibration running through the whole mower that really puts stress right across it." The Lely conditioning system has a high number of plastic flails across the shaft while wide rotors maximise grass flow. The cooler conditions experienced in the Taupo region over October-November mean the conditioner reduces time between mowing and pick up by as many as four hours, keeping productivity up on their forager.

Last season Bluegrass did 3000ha of grass mowing with the Splendimo, achieving maximum of 150ha in a single day. Productivity is aided by Brook using two rakes in the busy season. Mowing could be completed at a brisk 15kph at a rate of 8ha per hour compared to previous 5ha per hour with a double mower set up.

Down time for breakages and maintenance is minimal due mostly to the unique mower bed design – Brook believes the Lely blade system would be the simplest around for changing mowing blades.

"They have a pin with a clip on top, versus the spring catch systems found on other mowers that are vulnerable to the spring jamming up. With the Lely system you can replace the blade and with the pin in your hand you can see if that is serviceable for another round of mowing. He says Lely's service and backup has been excellent offering upgrades to his mowers. The plastic tines offer excellent life, lasting for 2000ha before simply swapping around to wear on the other side.

The robustness of the Lely mowing system is partly due to the work Lely did here in New Zealand. Working closely with Te Awamutu contractor Werner Betschart Lely engineers designed a hexagonal drive shaft to run the length of the cutting bar with no gears. This means any breakages do not compound through the mower, leaving only one unit to change.

Brook has had no major problems last season, and praises Lely for its simplicity and minimal down time with low maintenance costs under heavy demand.

"We are looking to push the grass side of our business a bit more, and to do so it is all about efficiency and getting more from the machines you have got and we have certainly managed to achieve that with the triple Splendimo."





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Lely Lotus Tedders

The Lely Lotus range with the use of the unique hook tines have a far higher output than competitive machines. Available in both linkage and trailed models ranging from 3.0 to 15 metres there is a Lotus model to suit your needs from the smallest fodder producer up to large scale contracting operations.



Lotus Stabilo 3-point linkage tedders.

Lotus linkage tedders offer higher work output than competitive machines because the unique Stabilo steering device's four pivot points eliminate sway and bounce.

These machines steer perfectly whilst the double hook tines with every rotation take so much grass rearward the rotor speed can be reduced whilst at the same time groundspeed can be increased, substantially improving output. Wrapping of crop around the tedder wheels is eliminated with Lely's unique AWS anti crop-winding system.

- Flexible, double hook tine
- Stabilo steering device with linkage machines
- AWS Anti Crop-Winding System

At home on the flat and ideal in sloping country... All Lely Lotus Tedders and Rakes are equally effective at spreading grass and swaths and when required the raking cages produce a neat fluffy windrow ready for baling.

Lotus Combi tedder and windrower.

Ideal machines for smaller fodder producers, the Lotus 300 Combi and Lotus 600 Combi are lightweight, compact yet ruggedly built linkage mounted machines that offer all the benefits of two machines in one!

At home on the flat and ideal in sloping country the Lotus 300 Combi and Lotus 600 Combi are equally effective at spreading grass and swaths and when required the raking cages produce a neat fluffy windrow ready for baling.

Lotus Trailed tedders.

Lely trailed tedders are unique in design with wide transport wheels that carry the weight of the frame in both transport and working mode, at the same time they act as gauge wheels. This allows the tedder rotors to closely follow the ground contours without unnecessary weight and the tedding angle and working height remain consistent due to the direct coupling of the tedder to the transport frame. The long drawbar ensures a superb view for the operator and aids easy manoeuvrability.

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Lotus 1500



Model Summary..... Raking Width

Lotus 300 Combi.....	3.0m
Lotus 600 Combi.....	6.0m
Lotus 520 Stabilo.....	5.2m
Lotus 600 Stabilo.....	6.0m
Lotus 770 Stabilo.....	7.7m
Lotus 770P.....	7.7m
Lotus 900.....	9.0m
Lotus 1020.....	10.2m
Lotus 1500.....	15.0m





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Lely Hibiscus Cam Rakes

The Lely Hibiscus rakes, available in both single and double rotor models, are well known for their rugged construction, stability, reliability as well as an unrivalled raking output.

Hibiscus single rotor side delivery rakes. These 3-point linkage machines come in model sizes that rake from 3.2 metres to 4.75 metres and are an extremely simple yet robust machine. Featuring grease filled cam track and chromium steel tine arm shafts these rugged rakes have long, flexible tines ensuring efficient crop pick up yet ample clearance under the rotor. The tine arms are easily removed to reduce the transport width. The linkage headstock and trailing wheels provide excellent ground contour following whilst the central gearbox has large gear ratios and this together with the low machine weight make it a perfect machine for lower horsepower tractors.

- **Exceptionally rugged machines for clean raking.**
- **Stronger A-frame rotor suspension**
- **Stronger chrome steel shafts**
- **Stronger modular rotor units**
- **Stronger extra large diameter, adjustable cam track**
- **Stronger special shaped Lely Ro-Tines lift and carry the crop**

The Hibiscus 485 – with a rotor diameter of 3.8m is the largest single rotor rake on the market and is available in two versions – 3-point linkage and trailed. Hibiscus double rotor central delivery rakes.

Extremely rugged construction and ample adjustment possibilities with raking widths from 6.95 metres to a huge 10.2 metres, these rakes are the masters of the field! The tandem wheel axle has large balloon tyres

Hibiscus double rotor side delivery rakes. Lely offers big output twin rotor side delivery rakes that are ruggedly built with the well known Lely technology, optimum ease of operation, as well as minimal maintenance. The 655 SD Classic has a working width of up to 6.5m raking into a single windrow. The 765 SD Vario has a working width of up to 7.6m raking into a single windrow or can be adjusted to rake into two windrows in heavy conditions in one pass..



1015 Profi



855 CD



655 SD Classic

Model Summary..... Raking Width

Hibiscus 425	3.2m – 4.25m
Hibiscus 455	3.5m – 4.55m
Hibiscus 485	3.8m – 4.75m
Hibiscus 485P	3.8m – 4.75m
Hibiscus 725 CD Master	6.95m – 7.35m
Hibiscus 805 CD Master	7.55m – 7.95m
Hibiscus 855 CD Master	8.15m – 8.55m
Hibiscus 1015 CD Profi.....	9.2m – 10.2m
Hibiscus 655 SD Classic.....	5.8m – 6.5m
Hibiscus 765 SD Vario.....	5.0m – 7.6m





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Lely Welger Fixed Chamber Round Balers

With mechanical tale gate locks, exclusive 'Power Grip' rollers providing unrivalled bale rotation and the highest of bale density these 4' x 4' balers are available in several models.



RP245 Profi

- Welger RP245 Classic with a 2.25 metre wide pickup, Varionet net wrapping, bale ramp and baler control E monitor
- Welger RP245 Master comes with a 2.25 metre pickup and ExtraCut (17knives in 2 groups) chopper with Hydroflex Control. A bale ramp and Varionet net wrapping with the 'ELS' easy load system and additional net wrap holder are standard on this machine.
- Welger RP245 Profi has the 2.25 metre pickup and ProfiCut (25 knives in 2 groups) chopper with Hydroflex Control. Varionet net wrapping with 'ELS' easy load system, E-LINK bale control monitor, additional net wrap holder and bale ramp are standard on this model.

Model Summary Bale Size

AP530	0.5m to 1.2m x 0.36m x 0.48m
AP730	0.5m-1.2m x 0.36m x 0.49m

Model Summary Fixed Chamber Round Balers

RP245 Classic	1.23m x 1.25m (4'x4')
RP245 Master	1.23m x 1.25m (4'x4')
RP245 PROFI	1.23m x 1.25m (4'x4')

Model Summary Variable Round Balers

RP415 Baleage	1.23m x 1.6m (4'x5'3")
RP445 Classic	1.23m x 1.6m (4'x5'3")
RP445 Master	1.23m x 1.6m (4'x5'3")
RP445 XtraCut	1.23m x 1.6m (4'x5'3")
RP535 Master	1.23m x 2.0m (4'x6'6")

* all models come as standard with 50mm bearings!



RP245

If you're serious about baling... whether you're in the market for a small square baler, fixed chamber round baler or high capacity variable chamber contractor sized round baler, Welger has the machine for you.

Lely Welger Square Balers

Welger Model AP730 high density small square baler.

- 36cm x 49cm bale chamber.
- Synchronised all shaft drive system.
- No chains or V-belts!
- Automatic needle drive.
- Compact knotter system with sealed maintenance free bearings.

Automatic safety devices for less downtime and increased throughput as when an overload occurs the driver just stops while the baler clears and resets itself automatically!



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AP 730





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Lely Welger Variable Chamber Round Balers

Available with two variable sized bale chambers being 120cm x 160cm and 120cm x 200cm and are renowned for their extraordinarily high output in all crop conditions.

Lely Welger RP415 Round Balers.

The RP415 machine is a variable chamber, rotor feed baler. Farmers and hay producers can enjoy the reliability and performance of a Welger baler in a more affordable base model option. The RP415 has the proven Welger baling system advantages and is ideally suited to farmers and hay producers that predominately bale straw and fodder crops and will equally handle silage as well, however we recommend the RP445 balers for dedicated high capacity silage baling. The RP415 model offers high baling performance and traditional Welger durability in an economical package.

- Endless belts without profile are fitted to the RP415 ensure smooth running due to the special design and construction of these belts.
- 2.00 meter pick-up width with wind guard roller is standard on the RP415 balers.
- Varionet net wrap ensures that the net wrap is applied to the full width of the bale each and every time regardless of the quality of the net wrap used.
- Mechanical door locks ensure that every bale is of uniform size and has the highest possible bale density.
- Balercontrol E ensures that the operator has full control of the baling process at any given time.

Welger RP445 & RP535 Balers

With superior quality two-ply endless belts and a superb bale density system that produces consistent density throughout the bale - even to the outer layers, the Welger RP445 and RP535 balers are ideal machines for the big fodder producer and contractors.

- Model RP445 (4' x 5'3") is a rotor feed non-chopper baler and features a 2.5 metre pick-up, Hydroflex Control, Varionet net wrapping with ELS easy load system, auto chain lubrication, E-LINK baler control monitor and bale ramp.
- Model RP445 Master (4' x 5'3") features a 2.25 metre pickup, Mastercut chopper (13 knives) and Hydroflex Control. Varionet net wrapping with ELS easy load system, bale ramp, auto chain lubrication and E-LINK baler control monitor.
- Model RP535 Master (4' x 6'6") 2.25 metre pickup, Mastercut chopper (13 knives) and Hydroflex Control. Varionet net wrapping with ELS easy load system, bale ramp, auto chain lubrication and E-Link Baler Control monitor.

RP415



The benchmark in round balers.



RP535 Master



Welger RP445





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Lely Welger RP445 Variable Chamber Round Baler

INNOVATORS in agriculture, international machinery manufacturers, Lely, have launched two new variable chamber round balers, the Lely Welger RP 415 and RP 445 after intensive testing of the changes in New Zealand since 2008.



Lely have launched two new variable chamber round balers, the Lely Welger RP 415 and RP 445 after intensive testing of the changes in New Zealand since 2008.

The major differences in these latest releases is the camless pick-up and a new configuration of the bale chamber allowing the balers to achieve a higher compaction pressure, which can be better controlled as well.

Lely listen carefully to what New Zealand farmers want, and these latest baler releases from Lely are ideal for the demanding New Zealand farming conditions

It is a 3rd generation of our original Welger variable chamber baler, but has been further perfected on many points and is much more efficient

Both models can produce bales with diameters ranging from 0.90m to 1.60m.

These new baler designs line up perfectly with both the Lely Welger RP 245 fixed chamber range and the RPC 445 Tornado baler wrapper combination, which once more underlines the rising trend in Lely's ever more comprehensive and innovative product range.

The RP 415 model is the benchmark baler for drier crops that enjoys features such as a 2.25 m wide pick-up and a rotor that ensures maximum crop throughput.

The RP 415 baler is ideal for baling material such as hay, straw and silage but does not have a cutting unit.

Alternatively, the RP 445 model features enjoy a heavier drive and can be fitted with three different chopping devices making this model exceptionally well suited for operating in heavy silage conditions as well as hay and straw.

In order to achieve a higher compaction pressure, an extra roller has been added to the bale chamber, which improves the start-up of a new bale and there are also upgraded Opticlean rollers, which in turn improve the life span and performance of the Lely Welger RP 445 in wet spring silage operations, as well as dry material.

The Lely Welger RP 445 can be deployed very flexibly in a wide range of New Zealand's most demanding conditions and is therefore a standard equipped with a drive torque minimising split drive system, hydro-flex control drop floor and the ability to chop as standard. Available with master cut 13 and extra cut 17 or

profi cut 25 knife version as an option.

Mr Vis said the hydro-flex-control has a unique advantage as quite often, time for harvesting is limited, and operators can overstep baler's limits in terms of overload capacity.

These limits are determined by the space the crop has to flow through in the machine, which is decisive for its output.

With balers, the space underneath the rotor is the critical factor and in the Welger balers this space is flexible.

The hydro-flex-control anti blockage system increases this room in the case of a peak load, reducing power consumption whilst at the same time it allows for resolving any blockages from the tractor seat.

Another advantage is the Constant Pressure System that has been used by Lely for the past 10 years on all variable chamber round balers produced in the Welger factory.

What is unique about the CPS is its outstanding compaction that remains consistent - even with the largest diameters - up to the outer layers due to the combination of a mechanical system and a hydraulic system.



Technical specifications

- Model RP445 (120 x 160 or 4' x 5'3") is a rotor feed non-chopper baler and features a 2.25 metre camless pick-up, Hydroflex Control, Varionet net wrapping with ELS easy load system, auto chain lubrication, E-LINK baler control monitor and bale ramp.
- Model RP445 Master (123 x 160 or 4' x 5'3") features a 2.25 metre camless pickup, Master-cut chopper (13 knives) and Hydroflex Control. Varionet net wrapping with ELS easy load system, bale ramp, auto chain lubrication and E-LINK baler control monitor.





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Lely Welger Tornado

Variable Round Baler Wrapper Combination

Fast systems for perfect crop preservation

Direct film wrapping of the bale - either during a combined or separate working pass - ensures airtight sealing, allowing the fermentation process to start immediately. This eliminates heating and deterioration as well as guaranteeing tasty forage for the animals. The Lely Welger RPC 445 Tornado consistently wraps the film, irrespective of bale size, over the centre of the bale and ensures the exact number of required film layers. Thus, all bales are perfectly wrapped and there is no waste of film. In addition, the Welger RPC 445 Tornado can perform several operations at the same time giving this combination a truly unrivalled speed. Each second is used optimally.

Fast and steady

The major gain of speed is in the bale transfer; even under difficult angles, the bale will smoothly roll onto the wrapping table. The bale guidance between the baler and wrapping table ensures smooth transfer as well as bale guiding on steep slopes. New designed large and wide

710/40-22.5 tyres require less traction and keep the baler on top of soft ground and stable on the road.

New cam less pick-up

The Welger Tornado features a re-engineered 2.25 m wide pick-up without a cam track. The rotation speed of the 5 bar pick-up, augers and rotor are set to give a clean collection and excellent crop flow. Since the pick-up does not have a cam track, the number of rotating parts is minimal, making this combined baler/ wrapper even more reliable and maintenance-friendly.

A proven baler with a new feeding system

The heart of this baler/wrapper - the familiar RP 435 variable round baler - has proven its outstanding bale density, output and reliability for many years. On that score, there is absolutely no doubt and the new 800 mm cutting rotor adds a new dimension to that pedigree. The generous set-up of the rotor - with 6 tines on each ring - features the Xtracut 25 chopping unit.



Exceptionally compact in transport

Up to now, roads with hedges, narrow bridges and gates have always remained an obstacle for many agricultural machines. This new baler/wrapper combination has been so constructed that its transport width remains restricted to a mere 2.80 m with a length of only 5.75 m! Combined with the wide tyres, the upshot is an outstandingly manoeuvrable, stable and versatile machine.



Lely **FINANCE** available*



Technical specifications

- Rotor 800mm with 25 knives in 2 groups
- Hydroflex control drop floor
- 225cm 5-row camless pick up with wind guard roller
- Automatic film break sensor
- Storage: 2 rolls of net, 12 rolls of wrap
- Automatic film adjustment to the bale diameter
- Constant bale density from 90-160cm bale diameter
- Single axle with large tyres 710/40-22
- Transport length = 575cm, width = 280cm



Newly engineered film clamps with a large scope to ensure fast and secure operation.





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Lely Welger D Series - Square Balers

With the development of these new D series big square balers, Welger proves, once again, its capability of leading the field in design and innovation.

Every baler's reputation depends on its knotters. The well proven and tested Welger tying equipment processes all commercial quality twines in a reliable and trouble free way. The double-loop knot that pulls off automatically has excellent tensile strength and requires no stripper arm. Maintenance free bearings and shafts increases service life and minimises maintenance. Slip Control-Intelligent overload protection

All important assemblies are protected automatically. A double clutch system in the flywheel provides a flexible drive, which automatically reduces peak power. The feeder fingers are fitted with an electro-hydraulic monitoring system. Overloads in the intake area are detected/or corrected as early as possible. This gives: High bale throughput, No need for shear bolts, high bale density and low shock load on the tractor transmission. Power feed-automatically operating overload safety



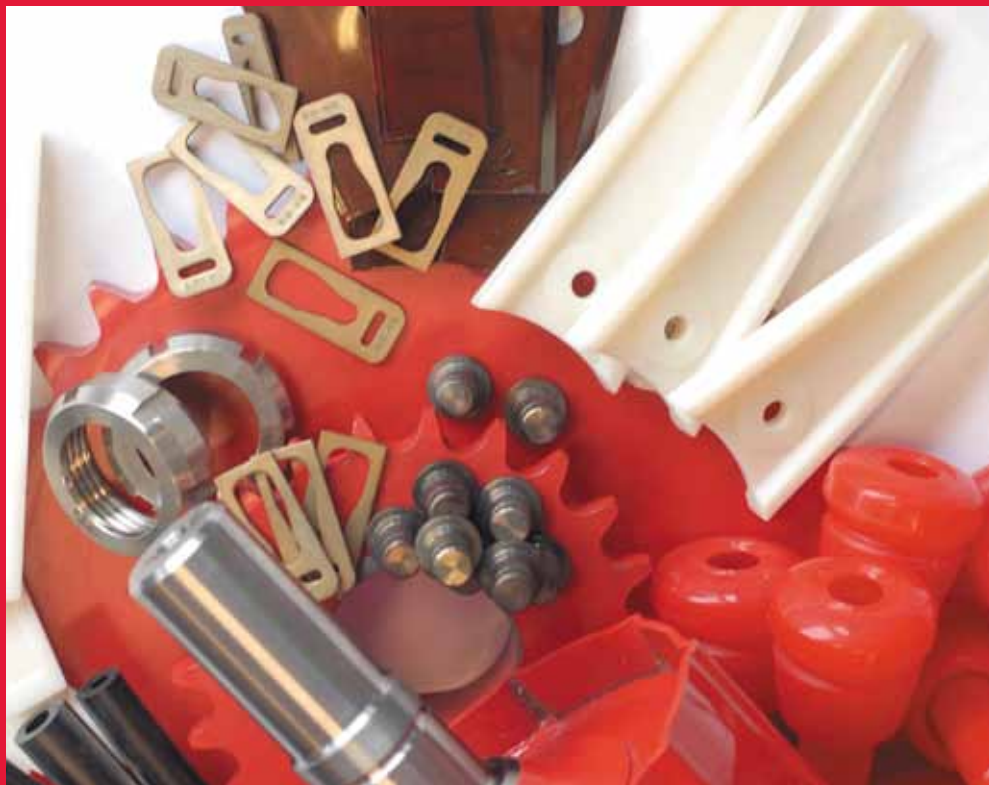
This clutch protects the drive and packer from overload. Cumbersome replacement of shear bolts becomes a thing of the past. Welger D

series balers have been proven world wide. With a number of options available there is a model to suit all conditions.

Lely Original Spare Parts

The use of original parts ensures maximum availability and optimum performance of forage harvesting machines while reducing the risk of unnecessary repairs and the related costs. Our trained and qualified dealer network provides original parts and after sales service for:

- Lely
- Sgariboldi
- Lely Welger
- Tulip
- Lely Tigo
- Lely Attis





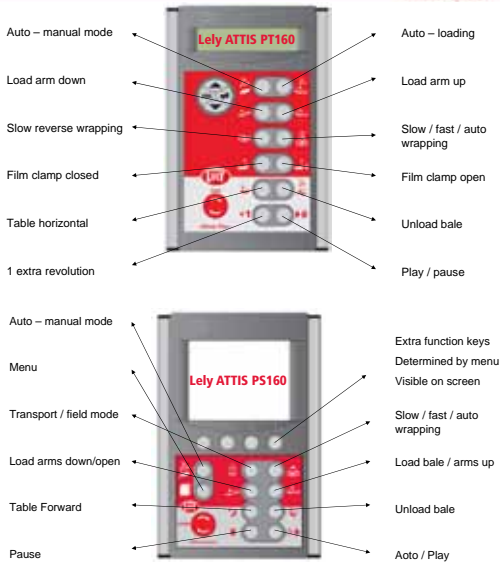
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Lely Attis Trailed Round Bale Wrappers

They are smarter, faster, and stronger, and are Lely's latest release in round bale silage machines that will be available to farmers and contractors for the 2011 hay and silage season.



Attis PT160



LELY ATTIS PT 160 TRAILED ROUND BALE WRAPPER

The Lely Attis PT 160 is a truly heavy duty trailed fully automatic turn table bale wrapper that will wrap bales from 1.25 to 1.5m (4' to 5') wide and varying bale diameters from 0.9 to 1.6m (3' to 5'3"). The wrapping program can easily be adjusted to ensure the bale is wrapped with the correct amount of film.

Features:

- 0.9 – 1.6m (3' – 5'3") bale diameter
- 1.25 -1.5m (4' – 5') bale width
- Counter weight for excellent stability
- Possibility to carry an unwrapped bale on the loading arm while wrapping
- Fully automatic functionality
- Active bale lowering with damper
- Bale end tip
- Film width 500mm – 750mm
- Film break sensor
- Storage holders for 3 spare rolls of film
- Lighting
- Fast loading due to auto load system

LELY ATTIS PS 160 TRAILED INLINE ROUND BALE WRAPPER

The Lely Attis PS 160 is a heavy duty trailed twin satellite inline high output wrapper that is easy to operate. The wrapper can be very easily adjusted to different bale diameters making these a very versatile wrapper. Ideal for farmers as well as contractors alike.

Features:

- 1.25m (4ft) bale width / 0.9 – 1.6m (3' -5'3") bale diameter
- In line loading arms
- Two film holders with variable stretchers and quick lock system
- Film width 500 -750 mm
- Two-step film clamps with large reach
- Facility to carry an unwrapped bale in the loading arm while in the in-line position
- Fully automatic control
- Robust frame with offset axles and wide tyres
- Bale end tip
- Storage holders for 6 spare rolls of film
- Film break monitoring

Universal mounting system

Of course, the ATTIS HR 16 can be used in other positions than on the rear hydraulic linkage of the tractor. Tractor front hydraulic system and also telescopic handlers also work well.



LELY FINANCE available*





innovators in agriculture

Lely Tigo Loader Wagons

The combination of loading, chopping and transporting ensures the possibility to harvest massive volumes of silage in the shortest possible time with minimal manpower and financial investment.

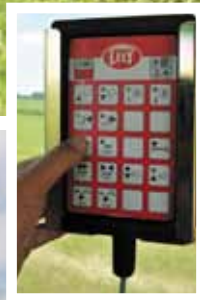


Lely Tigo Loader Wagons... impressive, exact chopping, low maintenance loader wagons.

High-output loader wagons often provide the most economic and flexible solution for cattle farmers and contractors alike. Within the comprehensive line of Lely Tigo loader wagons, chopping wagons and silage wagons offer a smarter solution and application.

Well-proven concept - well-proven technology:

- Low power requirement & low maintenance
 - Automatic hydraulic floor chain operation
 - Unrivalled crop flow with crop press roller and large rotor
 - 5 or 7* Star rotor with 25mm wide individual replaceable cam sections
 - 5 or 7* row pick-up without cam track
 - 31 or 40* knives cutting up to 45 or 37mm with pre-selection 0/half/full set
 - Trimatic – protection for every individual knife
- * Profi models



Lely **FINANCE** available*

Tigo Model range:

Tigo 40R* Din =26m3 / 40m3 compacted grass, Tyres 505/50-17

Tigo 50 R* Din =30m3 / 50m3 compacted grass, Tyres 500/45-22.5-16PR

Tigo 60R* Profi Din =35m3 / 58m3 compacted grass, Tyres 700/45-22.5

Tigo 60 R Combi Din=35m3 / 58m3 Combi silage wagon Tyres 700/45-22.5

Tigo 70 R Profi Din=42 m3 / 68m3 silage wagons Tyres 700/45-22.5

Tigo 70R* Combi Din =42m3/68m3 combi silage wagons tyres 700/45-22.5

*optional RD version with silage beaters or 60T and 70T transport wagons without pick up.





innovators in agriculture

Tulip Roterra

Tulip Roterra...often copied, never bettered. The Roterra is extremely robust yet lightweight, specifically designed for a trouble free working life giving outstanding value for money and an unrivalled quality of seedbed in all soils and conditions.



- Unrivalled seedbed with minimum power requirements.
- Engineered for a long trouble free working life.
- A full range of optional equipment.
- Specifically designed to mount secondary seed drills and planters.
- Quick and easy settings to achieve the desired seedbed in all conditions.
- Round club tines give extra working life.
- Quick and easy tine changing.
- Automatic shear pin device.
- Also available with packer roller and levelling board kits.



Model Summary	Working Width
Roterra 250.25	2.5m
Roterra 300.25	3.0m
Roterra 300.35 or 55	3.0m
Roterra 350.35	3.5m
Roterra 400.55	4.0m
Roterra 500.55	5.0m
Roterra 600.55	6.0m
Roterra 400.45 Hydr. Folding	4.0m
Roterra 600.55 Hydr. Folding	6.0m

● The Roterra is often copied... never bettered.

Tulip Centerliner

Tulip Centerliners...the original and still the best. The Tulip Centerliner offers grassland and arable farmers unrivalled spreading accuracy at an economic price. The unique contra-rotating twin disc concept throws fertiliser in a double overlapping spread pattern with superb accuracy.



- Unique contra-rotating, twin disc concept.
- Hopper capacity up to 3.3 tonnes*.
- Spreading widths to 36 metres*.
- Hydraulic control is standard.
- Optional Centronic/Centermatic electronic control and monitoring weighing systems.
- Available in SE and SX models.

*Depending on model and fertiliser type & consistency.

Model Summary	Capacity
Centerliner SE1500	760Lt - 825kg
Centerliner SE2000	1025Lt - 1100kg
Centerliner SE2500	1300Lt - 1400kg
Centerliner SX2000	1200Lt - 1300kg
Centerliner SX2500	1580Lt - 1700kg
Centerliner SX3000	1900Lt - 2000kg
Centerliner SX4000	2360Lt - 2450kg
Centerliner SX5000	2730Lt - 2850kg
Centerliner SX6000	3150Lt - 3300kg





innovators in agriculture

Tulip MultiDisc

Tulip MultiDisc...the high speed MultiDisc disc harrow prepares the soil for trouble free seeding.

Canterbury contractor David Buckley with his MultiDisc 500H



MultiDisc 600HT

- High speed tillage.
- Ensures easy trouble free seeding.
- MultiDisc is available with open rollers or packer rollers.
- Large diameter scalloped discs.
- Ideal for stubble retention.
- Heavy-duty bearings for low maintenance.
- Incorporates stubble in the top few centimetres of soil or lays stubble on top for moisture retention.
- Two rows of discs ensure the soil is well prepared.
- Linkage and trailed versions available.

MultiDisc 900H



Model Summary	Working Width
MultiDisc 180	1.8m
MultiDisc 200	2.0m
MultiDisc 300	3.0m
MultiDisc 400	4.0m
MultiDisc 400H/HT	4.0m
MultiDisc 500H/HT	5.0m
MultiDisc 600H/HT	6.0m
MultiDisc 800HT	8.0m
MultiDisc 900HT	9.0m
MultiDisc 1200HT	12.0m
H = Hydraulic Folding	
HT = Hydraulic Folding Trailed	
MultiDisc 300XL	3.0m
MultiDisc 350XL	3.5m
MultiDisc 400XL	4.0m
MultiDisc 400XLH/XLHT	4.0m
MultiDisc 450XLH/XLHT	4.5m
MultiDisc 500XLH/XLHT	5.0m
MultiDisc 600XLHT	6.0m
MultiDisc 900XLHT	9.0m
# All XL models-560mm in lieu of 520mm discs	
Polymat Compact	300-8
Polymat Compact	400-8
Polymat Compact	600 Twin





innovators in agriculture

Tulip launches the Polymat Compact H seeder

Lely New Zealand introduced the Tulip Polymat Compact airseeders at the 2010 Mystery Creek Field Days as a small seeder for cover crop establishment that can be mounted to the rigid machines.

With the new Polymat Compact H also the foldable machines can be equipped with a seeder.

The new Polymat Compact H seeder is strongly based on the proven Polymat pneumatic drill. In fact, it uses the same metering unit. The functions are controlled electronically from the terminal in the tractor cabin. This was entirely developed by Tulip in-house. The standard hopper is 600 litres and can be extended to 1300 litres. At the moment the machine is primarily aimed at cover crop establishment, in combination with the Polymat Eco distributor

bar. This distributor bar consists of 12 to 16 spreading plates developed for accurate distribution and overlap. Naturally, in this case the hopper is equipped with 12 or 16 hoses. Next year Tulip plans to launch a distributor for 24 or 32 hoses. It can then be used together with a coulter bar. With this coulter bar behind a disc harrow or cultivator, it is possible to cultivate stubble and drill in one pass. The development of the machine was originally started on request of customers in Australia, but now also contractors in Western Europe are showing interest. In combination with a foldable Multidisc disc



harrow, it is possible to cultivate stubble and establish cover crops in a single pass at high capacity. A 6 meter wide machine can reach about 8 hectares per hour.

Tulip Multidisc – Vario... one pass tillage.

As the farming evolution continues to unfold innovators in agriculture, Lely New Zealand, strive to ensure that farmers have the latest equipment available.

The new addition to the Lely Tulip range of tillage equipment is the Multidisc XL Vario.

The Multidisc Vario is a valuable addition to the Tulip Multidisc range, featuring two rows of discs, one row of tines and a choice of crumble or packer roller. The combination allows tillage of the upper soil layer and deep cultivation in one pass.

According to Lely's managing director, Peter Vis, the latest Multidisc, will be ideal for New Zealand row cropping, vegetable growers, pasture renovators and in fact, any farmer needing to rip and disc in the same operation.

Lely offer the latest Tulip Multidisc XL Vario in three models, the 300XL 3m, 350XL 3.5m and the 400XL 4 m model.

"The Multidisc XL Vario has two rows of large scalloped discs made from hardened steel, and also has heavy duty bearings with over dimensional hubs, that are low in maintenance," Mr Vis said.

The Multidisc XL Vario has triangular rubber suspension for maximum freedom of movement of every disc leg separately.

The Multidisc 300XL and 350XL models have six integrated sub-soiler tines with hydraulic stone

protection, while the 400XL Vario comes with eight tines.

"Farmers are able to till the upper soil layer and deeply cultivate in one pass, saving time and fuel." Mr. Vis said.

And for those operating the Multidisc, they will enjoy the many features including the durable robust headstock, positive depth control, stabilization beam and top rubber suspension.

Other benefits include the extra protected sealing of the bearings with a cassette seal, while the lubricator chamber provides a large quantity of grease and has a hot forged hub.

The Multidisc Vario features include a pivoting beam on which the subsoiler tines are mounted.

Hydraulic stone protection is standard and if necessary the tines can break out upwards, while the discs and roller continue to follow the ground.

The aggressive action of the scalloped discs and the extra large distance between the rows of discs allow for free soil and trash flow which also give an ideal mulching and mixing result of crop residue or green fertilization.



Multidisc XL Vario





innovators in agriculture

Peecon Slurry Tanks

Peeters Landbouwmachines is producing thousands of machines each year on a total area of 60,000m², that are being exported to over 40 countries. In Achtmaal they have 20,000m² of covered floor and in our factory the Etten-Leur 25,000m² of covered floor.

Next to the Dutch establishments there are also 50 employees working in different production groups in France, Germany and Italy. The factories and offices of Peeters Landbouwmachines guarantee a well motivated team consisting of 125 well trained employees who are ready to produce machines at your demand. Using a slurry tank on farm or in contracting allows for getting added value out of the effluent as an effective nutrient (rich in N and P) for grass and crops out of reach of the effluent sprinkler system. Soil structure and draught resistance improve from using organic fertilisers as opposed to manufactured fertiliser. The whole farm can benefit and seepage of effluent into the surface water can be reduced drastically which is good for the environment as well! A range of application devices are available on the Peecon Slurry tanks to spread more accurately with a boom and several deflector plates, cultivators to incorporate, multiple small hoses that drag over the ground or disc injectors with minimal smell and grass contamination



Standard New Zealand specifications EUROLINE slurry tanks:

- Galvanised tank with manhole.
 - Galvanised strengthened undercarriage with low hitch and turnable towing bracket.
 - Sight tube 150mm in the front wall.
 - Big sight glass at back side.
 - Walterscheid PTO, 1000rpm
 - Silencer for the pump.
 - Self cleaning moisture guard.
 - Side connection 6" fastener (LF)*.
 - Blind flanges 6" LF and RF.
 - 4m Hose with 6" couplings.
 - Exact distributor with spreading plate.
 - Hydr. Shut off valve at the back.
 - Hydraulic Jack.
 - Sprung action hydr. shiftable boggie/tandem underframe with 2 hydr. braked axles and 1 tracking steered axle hydr. Blocked.
 - Galvanised mud guards + hose racks
 - Lightning and reflectors (EU).
- * LF = left front, RF = right front

The whole farm can benefit and seepage of effluent into the surface water can be reduced drastically which is good for the environment as well!



Specifications	ZT10500 E Boggie	ZT15000 E Boggie	ZT17000 E Boggie	ZT20000 E Boggie	LT26500 CARGO
Capacity (Litres)	10,531	15,000	17,000	20,000	26,584
Pump	Jurop 9000 Litre/min	Jurop 9000 Litre/min	Jurop 14000 Litre	Jurop 14000 Litre	Jurop 14000 Litre
PTO 1000rpm	Walterscheid	Walterscheid	Walterscheid	Walterscheid	Walterscheid
WWE2480	1 side wide angle	1 side wide angle	1 side wide angle	1 side wide angle	1 side wide angle
Weight Kg	3,700	5,700	6,100	6,700	11,500
Tyres	550/60x22.5	600/55x26.5	600/55x26.5	600/55x26.5	650/55x26.5
Length mm	6,595	7,130	7,355	7,360	8,500
Axles	100mm / 10 stubs	140mm / 10 stubs	140mm / 10 stubs	140mm / 10 stubs	3, 2 steerable
Hydr. Brakes	2 axles	2 axles	2 axles	2 axles	3 axles (Air Brakes)
Tank	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised + paint





innovators in agriculture

Sgariboldi Diet Mixer Feeders

The Sgariboldi mix has an unrivalled appetibility and digestibility. The twin-flow system is based on the combined action of a single auger with opposing spirals and a moving deflector giving an efficient and uniform mix.

Sgariboldi Monofeeder

With the Monofeeder a soft and homogenous mixture is obtained, fresh and chopped at the right length, that keeps the nutritional properties of each ingredient and intensifies the fodder quality.

- The Sgariboldi Monofeeder handles both round and square bales.
- Monofeeder Twin-Flow system for thorough mixing.
- Bale Kit ensures complete bale break-up, preserving optimum nutritional value.
- Built-in electronic weighing scales.
- Compact dimensions – for real ‘access all areas’.
- Right side discharge with hydraulic raise/lower.
- Extended hopper capacity.
- Flotation tyres.
- Convenient electro-hydraulic control from the tractor seat.
- Lower height will fit the most confined spaces and allow easy access for loading.
- Adjustable hitch.
- Reduction of operating costs and fuel savings.
- Low horse power requirement.
- Also available in self propelled versions.



New Plus models

TYPE ST PLUS - Technical features:

- Bottom of the tank and auger with bigger diameter
- Thick structure and tank with anti-wear bars
- Discharge elevator width 1.000 mm

Model Summary	Capacity
Monofeeder 10ST	10m ³
Monofeeder 14ST	14m ³
Monofeeder 17ST PLUS	17m ³
Monofeeder 20ST PLUS	20m ³
Monofeeder 22ST PLUS	22m ³
Monofeeder 26ST PLUS	26m ³



Lely FINANCE available*





innovators in agriculture

Lely Calm Automatic Calf Feeder

Lely Calm Automatic Calf Feeder supplies the correct portion and concentration of feed spread over the day, resembling the natural behaviour of the calf. The Calm Automatic calf feeder offers the calves an outstanding start, while giving labour savings and many economic benefits. NB: Only available from Lely Centers™ dairy division dealers. Refer to back page.



Lely offers you the latest additions of our Calf Feeder program. With the Calm Vario+ and the Calm Compact+ we can supply all farm sizes in New Zealand, ranging from 20 Calves up to 150 Calves per Calf Feeder.

Both models will guarantee:

- labour saving
- faster development into a ruminant
- low rearing costs
- gives you full animal control

Compact+

- 2 feeding stations feeding 50 calves
- Milk, powder or combi feeder
- Can dose liquid or powder additives (accessoires)
- Concentrate feeder (optional)

Vario+

- 4 feeding stations feeding 150 calves
- Milk, powder or combi feeder
- Can dose liquid or powder additives (accessoires)
- Concentrate feeder (optional)
- Half body scales (optional)



...supplies the correct portion and concentration of feed spread over the day, resembling the natural behaviour of the calf... offers the calves an outstanding start, while giving labour savings and many economic benefits.





innovators in agriculture

The Lely **ASTRONAUT A4** the natural way of milking

Happy cows produce most. That's one of the reasons, we strongly advocate the concept of free cow traffic. In addition, the Astronaut A4 allows the cow to walk straight in and out of the box, our so-called I-flow concept. We have eliminated any unnecessary obstacles. The cow friendly design allows for continuous interaction with the rest of the herd thus eliminating unnecessary stress.



You may be facing one of the most important choices as an entrepreneur. How to grow your business with as little labour as possible? You do realize that this will inevitably require automation. The switch towards automated milking is a major step. First of all, this requires a substantial investment. In addition, you may wonder how your cows will adjust to the system and how can keep monitoring your effectively. We are convinced that automation is the best way to achieve optimal results with your available labour while maintaining maximum respect for your cows.

The cow is key

We have explicitly refrained from automating the actions of milking itself; instead we have built a system around the cow (our starting point) to make sure the cows like to be milked within a low-threshold system. Our truly unique robot arm concept as well as the I-flow concept for quick entrance in/quick exit from the box, are some clear examples of this strategy.

All you need to gain full control

We offer you a unique set of instruments to manage both milk quality as well as the individual cow in the herd. Management by exception is the new challenge. To facilitate that, we have developed management software dedicated to robotic farming, allowing you to spend your valuable time on the cows that really require attention, while gaining full control over your herd.

Highest milk quality assured

The unique Lely features ensure the most reliable detection of mastitis available in today's market place. The unique in-line every day indication of fat and protein levels per cow can be used in the Lely Astronaut robot's dynamic milking and feeding module for optimized profitability of the dairy farm.

Expanding horizons together

Being the inventors of the milking robot, we have now installed more than 10,000 automated milking systems worldwide. In addition, we are always looking for improvement. Not only improvement in terms of robotic milking, but also possibilities to automate other processes on dairy farms.

Dedicated to robotic management

A full network of specialised sales people, certified service engineers as well as dairy farm management specialists are fully poised to assist you. We would be more than happy to share with you the experience that we have gained over the years ensuring a solid framework for ongoing successful robotic management.

It's a Lely

Year after year, we keep advancing both our organisation and product range with one single goal; to ensure a better future for cattle farmers all over the world.



Lely FINANCE available*





innovators in agriculture

Better time management, more satisfaction



Rueben and Jo Syme,
Mayfield, New Zealand

Number of cows:
milking 300

Number of robots:
4 Lely Astronauts

Milk solids:
500 (= 6.000 kg milk/cow/year)

Do you see a difference between working with a robotic milking system as an owner and as a manager?

"Because we are not the owners, it is harder to alter things to the farm; you make different decisions being the manager.

It doesn't have to be owner-operated, there are enough changes and possibilities for a manager

to be involved. You can get a lot of info out of the robot and make it work very efficient. "It is still dairy farming; you still need to grow the grass. The only thing that is truly different is that the robot cups the cows and guides the cow to where it has to go via the sorting gate system. But once it works, it's more efficient and gives you more time and peace in life. You

You farm with robots, combined with grazing. How does that work?

"The milk shed is in the middle of the 80 ha's and from there the cows go to the different paddocks in one of the sections A, B, C or D. One track goes to the north and one to the south. The whole farm is divided into 4 blocks (A B C D); each block exists of a certain number of paddocks. Every 8 hours they go to a fresh paddock. The cows are very bright and know when it's time when they get a fresh paddock. After the cow is milked in the Robot, the selection gate directs the cow into the right section (A B C D). "We are very satisfied with robot milking in combination with a grass-based feeding system".

"A robot farm is also a quiet farm; no motorbikes at 4 am in the morning, lovely quiet cows, because they're not getting pushed. They are more relaxed, they do what they want and therefore are quite comfortable with the system."



A new challenge; grazing, robotic milking and a recent wintering barn

Bill is positive about his new robotic milking shed.
 "It costs us less. We have no staff, less problems with cows, vet bills are lower and production is up 20 percent."

Number of cows: milking 325

Number of robots: 4 Lely Astronauts

Milk solids: 640 Kg MS (= 8.000 Kg milk/cow/year)

Amount of cows: working up to 600 cows per 8 robots, split in 4 groups, divided in early and late lactation. At least 500 cows milking at one time and the remainder dried off.

Number of robots: 16 Lely Astronauts on two farms

Milk solids: working up to 600 Kg MS (7000-7500 Kg milk/cow/year)

Why the choice for robotic milking instead of milking in a parlor?

"You can always rely on the robotic milker and he is very consistent. He always does the job to a high standard, he informs us immediately if there is a problem or breakdown, he never sleeps in and works 24-7. With the robotic milker we are gathering quality information constantly on cows health; production, activity, udder health (per quarter), weight and milk quality."

Bill and Janet Overgaauw of Winton in Southland, loves trying new things. He already had a dairy farm with rotary shed milking 500 cows. But when the opportunity came to convert the smaller farm of 100ha next door, he decided to go for a robotic shed. Now having done three seasons with the robotic system, he wouldn't have it any other way.

He opted for 4 Lely Astronaut A3 milking robots to milk 320 cows 24/7, in a split calving herd. And the cows love it, coming in more than twice a day on average, with some opting for a third round. They wander individually up the race, towards the robotic milking shed. The shed is flood washed twice a day. The whole



Bill and Janet Overgaauw, Winton, Southland, New Zealand

milking process is surprisingly fast, with cows immediately replacing each other in the robots. At the start Bill said about 90% got the hang of the new system within two weeks, with the other 10% taking up to two more weeks.

Bill feeds his cows well with grain and molasses as 10% of feed intake all year round. The cows are very quiet and calm, both of which result in amazing milk yields. In the second season production was an average of 620kgMS/cow.

A look into 'The cows world'



Van Leeuwen family, Oamaru, Canterbury, New Zealand

What is the biggest difference with robotic milking and the traditional NZ way of milking?

"Our way of farming is unusual for New Zealand because our cows are housed indoors during lactation. By having the cows indoors we are in constant contact with the animals. When we walk through our robotic milking barn it is like being part of 'the cows world'."

Cows which are milked by robots, whether they are indoors or in a pasture based system, they show natural behaviour and decide themselves when to be milked. We think this leads to happy cows, more milk, better milk quality, less stress and so better health."



innovators in agriculture

Lely Compedes – Rubber flooring solutions

Lely Compedes rubber flooring is the proven preventative from animals slipping. Designed for the best possible traction, animal comfort, easy DIY installation and good moisture drainage. NB: Only available from Lely Centers dairy division dealers. Refer to back page.

The ComfyGrip 100% natural rubber compound is UV resistant, uses no recycled crumbs or reinforcement fabric and is soft, comfortable and very abrasion resistant.

All Compedes mats have under mat drainage. Resilient, durable and non-absorbent, Compedes bounces back time and time again.

Available in four (4) varieties.

- Dairy Mat – 3' x 4'
- Rotary Mat – Custom size
- Rolled flooring – 18mm thick x 1' to 7' widths and custom length roll.
- Sale Yard Floor – roll 4' x 30' (10mm thick)



Lely Luna – taking care of your girls

The Lely Luna cow brush offers optimum comfort for your cows. Cow comfort and hygiene are important issues for your herd. The Lely Luna cow brush is developed to brush your cows, enabling them to get rid of dust and itches. The cows love the brush and will go there several times a day. Due to its clever design, the Luna is maintenance-free because of an absolute minimum amount of moving parts. The brush is directly driven by the motor and the brush is activated by just touching it.

Optimum cow comfort

There is not doubt that good cow comfort results in a happier, healthier and more productive herd. The Lely Luna cow brush contributes to this by providing cows healthy and shiny coats, stimulating the blood circulation which results in a quieter herd.

Clever technology

Due to its smart design the Lely Luna cow brush is driven by touch and rotates the opposite direction once the cow pushes it. This ensures maximum comfort for the cow and a long lifetime of the brush. As the brush has two directions of rotation the bristles will keep their shape longer than those that have only one. In addition, the minimum of moving parts makes it low maintenance. The Luna cow brush has spirally positioned bristles of variable thickness for maximum comfort. The Lely Luna cow brush is delivered as one part and can easily be installed on a post or against the wall.





innovators in agriculture

Lely Compedes rubber matting – just in time for a comfortable winter.

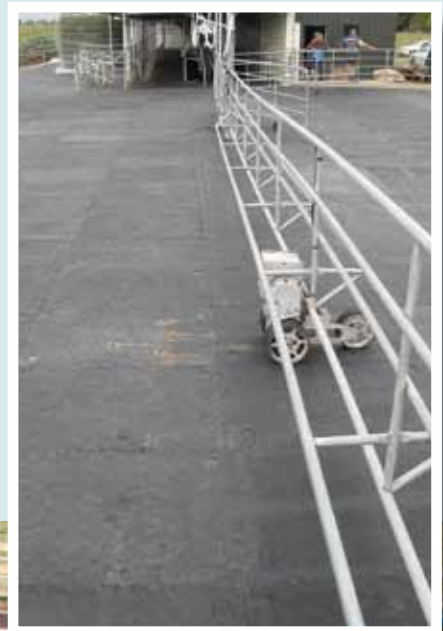
Noel and Annette Fox's interest for rubber cow matting was raised due to growing pressure to meet ever stricter environmental compliance regulations in relation to handling effluent and the increasing cost of maintaining traditional standoff pads.

After researching the options and viewing some other installations they opted for the Lely Compedes Rubber Matting. Following discussions with the local Lely consultants and a site meeting with Noel, Annette and their sharemilkers, Butch and Marie Campbell, they decided to be pro-active and proceed with covering their cow yard, herringbone aprons and pit floor (for the milkers' comfort) with the Lely Compedes interlocking rubber matting to create a standoff area that is comfortable for the cows and is easy to clean. The separation yard area to be used for calving was also covered with the Compedes interlocking natural rubber mats from Lely. The cow yard is to be used for "standoff" from pasture for some 300 plus dairy cows during the winter months as well as for all milkings throughout the dairy season. Concrete fixings were hammered in high traffic areas to a few mms below mat surface so that cows cannot feel the fixings when walking on the mats. Noel is confident that the wheels from the reversible

backing gate will not be distorting or moving the mats and so far close observation shows no issue. The area initially planned required exactly the 807 amount mats as estimated by Lely by making a CAD drawing – which is pretty amazing considering many mats had to be custom fitted to meet the layout of the shed and yards.

Butch and Marie's first milking went extra smoothly. There was no resistance to cows entering the yard onto the new surface in fact the flow through the shed has improved milking times by up to 15 minutes with total elimination of cow slippage which had been a problem with the concrete yard. Due to the special profile underneath the mats they drain well and let the hooves sink in for a comfortable and secure grip. Marie says that she did not have any backache after milking, which she normally has a bit of – likely due to less pressure shocks and jarring from walking on soft rubber.

It was great teamwork of all involved putting the Lely Compedes mats down in record time, and the end result is ready in time for a happy winter for both farmers and cows

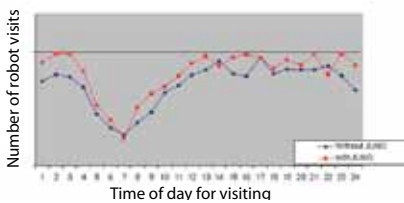




innovators in agriculture

Lely Juno brings everything together

Optimizing individual cow performance.
Realizing the best with minimal labour.



An overall increase on robot visits of more than 10.9%. Theory and practical tests show that farmer and cow both benefit fully by simply pushing frequent and constantly.

Pushing automatically and more frequently results in:

1. An increase of milkyield
2. More voluntarily milkings in combination with an automatic milking system
3. More visits proving an improved cow traffic, meaning less labour
4. Less concentrates necessary per 100kg of milk
5. No variation or increased fluctuation on the average animals' weight

Southland dairy farmer Alfons Zeestraten says the numbers tell him his Lely Juno feed pushers boosted milk production and cut costs to such an extent that they paid for themselves in a single year.

Research

The objective of the study was to show the effects of pushing feed automatically on a regular base. Providing a sufficient feed level day and night. For the test 5 different international farms have been used. The data one month prior to the installation was compared with the data gathered after the installation.

100% guarantee of frequent and consistent feed pushing.

Minimal labour, minimal energy usage, minimal maintenance, maximal output.

Improved feed efficiency.

High tech solution, creating more flexibility on the farm.

Increased robot visits on robotic dairies, 10.9%.

Improved cow traffic, resulting in less labour and better animal welfare.

Better milk production, especially from low ranking cows.

Smart and flexible, pushing feed consistently.

Increased feed intake

Better animals' welfare with 24/7 close feed availability.

No fossil fuels needed, yet pushing constantly and more frequently.

No labour; yet pushing 4 times more often.

1 MONTH PRIOR TO INSTALLATION	MILKYIELD	WEIGHT	MILKINGS	REFUSALS	CONC/100KGMILK
FARM 1	37,0	636	2,8	0,9	16,8
FARM 2	28,3	645	2,5	1,6	16,4
FARM 3	37,4	598	3,4	2,2	15,4
FARM 4	37,5	599	3,4	2,1	15,4
FARM 5	29,3	605	2,8	5,8	22,6
	33,9	617,17	2,99	2,53	17,30

1 MONTH AFTER INSTALLATION	MILKYIELD	WEIGHT	MILKINGS	REFUSALS	CONC/100KGMILK
FARM 1	38,3	639	2,8	0,78	16,4
FARM 2	28,5	645	2,4	1,45	16,0
FARM 3	38,6	603	3,5	2,28	15,7
FARM 4	38,6	603	3,5	2,29	15,7
FARM 5	30,9	593	3,1	6,95	22,3
	35	617	3,0	2,8	17,2

The increased milkyield is mainly realized by young heifers and high yielding cows. This group visits the feed fence more often, resulting in a higher dry matter intake (+6%). End of the day improving a higher milk yield and increased animal health status.

1 MONTH AFTER INSTALLATION	MILKYIELD	WEIGHT	MILKINGS	REFUSALS	CONC/100KGMILK
Differences in %	+ 3,0 %	+ 0,0 %	+ 2,3 %	+ 8,6 %	- 0,5 %

The Lely JUNO brings it all together, realizing more milk per cow, plus the fact that the cow traffic is improved. This clearly shows the benefits on animal well being and farmers' welfare.





innovators in agriculture



Lely Center™ in Feilding:

In 2011 Bromley Dairy and Pumps joined the Lely Center dealer network. A well established known company in the greater Manawatu area, with a great reputation in after service and happy customers.

sales@bromsdp.co.nz

Lely Center™ Hamilton:



Lely Center™ Invercargill:

JJ Ltd are celebrating being Southland & Otago's leading suppliers of agricultural machinery & implements since 1958. With a philosophy which demonstrates an equal dependence from both the farming community on JJ Ltd, and JJ Ltd on the farming community, the company have created a reputation for selling quality products and service with the consumers needs strongly in mind. JJ's have been Lely dealers for more than 25 years and the dairy technology fits well with the farm machinery business. The Lely Center Invercargill will develop into a full support centre for the Lely dairy product range, housed in a separate building on the Dee Street site, with specialised sales and technical support.



Lely Centers™ in New Zealand

As market leaders in sales and servicing of agricultural equipment, Lely has taken its commitment to the farming industry one step further by establishing 3 Lely Centers™ based in the key dairying areas of New Zealand.



Lely Center™ Ashburton:

In 2008 Lely Center Ashburton launched New Zealand's first commercial robotic dairy farm and the first Lely Astronaut milking robots to operate on a pasture grazing farm in NZ. Lely

Center Ashburton offers the fullarray of Lely Dairy Equipment and specialist, passionate staff who strive to deliver a prompt and quality service to our customers. If you have any questions regarding Lely Dairy Equipment please contact us and we will be happy to help.



Sales contacts

Together with partners, we service our end users in more than fifty countries worldwide. Our Forage Solutions are sold and serviced through independent dealers, while our dairy equipment is sold through Lely Center™ facilities.



WHANGAREI – Ag & Earth.....	(09) 438 9163
HIKUAU – Prescotts Garages Ltd.....	(07) 864 7801
PUKEKOHE – Roger Gill Motors.....	(09) 239 1030
HUNTLY – Roger Gill Motors.....	(07) 828 8021
CAMBRIDGE – Giltrap Agrizone.....	(07) 827 7159
TE PUKE – R&R Tractors.....	(07) 573 9107
OTOROHANGA – Giltrap Agrizone.....	(07) 873 4004
GISBORNE – AP Machinery.....	(06) 868 7701
NEW PLYMOUTH – Ag Traction.....	(06) 759 8432
HAWERA – Mid West Machinery.....	(06) 278 8644
HASTINGS – Stortford Machinery.....	(06) 876 6012
DANNEVIRKE – Firth & Stephenson.....	(06) 374 7035
FEILDING – Country Machinery.....	(06) 328 9766
MASTERON – Wairarapa Machinery.....	(06) 377 3009
BLENHEIM – FMR Group.....	(03) 579 1019
Nelson – NS Rogers Motueka.....	(03) 528 9212
WEST COAST – Westland Farmers, Westport.....	(03) 788 8050
WEST COAST – Hari Hari Motors, Harihari.....	(03) 753 3133
ASHBURTON – JJ Ltd.....	(03) 307 6031
CHRISTCHURCH – JJ Ltd.....	(03) 344 5645
TIMARU – JJ Ltd.....	(03) 688 7401
OAMARU – Stills Farm Machinery.....	(03) 431 3760
MOSGIEL – JJ Ltd.....	(03) 489 8199
GORE – JJ Ltd.....	(03) 208 9370
INVERCARGILL – JJ Ltd.....	(03) 218 7174

For more information on the Lely Dairy range please call 0800 LELY NZ (or 0800 535 969), email to infonz@lely.com or contact one of our Lely Center™ Dealers:

Canterbury:

Lely Center™ Ashburton
605 Main South Road,
State Highway 1
Winslow, Ashburton
New Zealand
P O Box 125, Ashburton
Phone: 64 3 302 6200 or
0800 00 77 66
Fax: 64 3 302 6203
Email:
office@winslowltd.co.nz
www.winslowltd.co.nz

Southland and Otago

Lely Center™ Invercargill
260 Dee Street
PO Box 1005, Invercargill
Phone: 03 218 7174
Fax: 03 214 4841
Email:
reese.hegarty@jj.co.nz
www.jj.co.nz

Manawatu and Wellington

Lely Center™ Feilding
6 Weld Street
PO Box 435
Feilding
Phone: 06 323 9660
Fax: 06 323 6699
Email:
sales@bromsdpc.co.nz

Waikato

Lely Center™ Hamilton
23 Tasman Road, Hamilton
Ph: 0800 535 969
Fax: +64 (0) 7 850
4051
infonz@lely.com
www.lely.com

Your nearest Lely dealer:



For more information visit:
www.lely.com

All information in this catalogue is correct at the time of printing, however specifications and pricing may change without notice. For the latest specifications and information check with your Lely Dealer. Talk to your local Lely dealer regarding tailor-made finance to suit your cash flow – to business applicants only. Conditions Apply.



Live Life Lely

For more information Call 0800 LELY NZ (0800 535 969) today.