

WAIKATO[®]

MILKING SYSTEMS

VELOCITY

102

CABINET COMPOSITE ROTARY MILKING SYSTEM



**INCREASE YOUR
MILKING SPEED,
PRODUCTIVITY AND
PERFORMANCE**



ENJOY A HIGH-VELOCITY, STRESS-FREE MILKING ENVIRONMENT 24/7 and grow the value of your dairy

WAIKATOMILKING.COM



THE ULTIMATE HIGH-VELOCITY ROTARY MILKING SYSTEM WITH UNSTOPPABLE PERFORMANCE

Your farm never stops, so the Velocity Composite Rotary Milking System doesn't either. Living up to its name, the system is designed to increase your milking speed, productivity and performance. The system features low profile cabinets to house the milking equipment and separate the cows - enabling the animals to flow on and flow off with less effort and at a higher speed.

Unlike other rotaries, Velocity is a state-of-the-art system that has been designed to withstand the demands of the busiest commercial farmers to run more productive, cost-efficient and profitable operations 24/7. Structurally stronger, lighter and longer-lasting, Velocity is constructed to withstand the harshest of milking environments for generations to come. Pneumatic detachers, along with a robust cluster and hose support arm, ensures excellent cluster alignment and cluster removal to reduce workload and improve your milking performance.

Trusted by farmers around the world, our award-winning Composite Rotary Milking System is the result of over three decades of knowledge and experience, a passion for innovation and excellence - and partnerships with farmers.



ADVANTAGES



Designed to never stop turning for 24/7 performance and productivity



Lighter and stronger construction, with a lower cost of ownership



Upgradeable for future automation technologies to increase your performance and productivity



Robust low profile cabinet allows cows to enter and exit the stalls faster and easier



Cluster and tube support arm assists with high capacity, high quality milking



Creates a more enjoyable and efficient working environment



INCREASE MILKING SPEED FOR THE OPERATOR

The **Velocity Composite Rotary Milking System** is user-friendly and designed for continuous high-throughput milking. The Velocity system is designed to make milking large numbers of cows easy and features a simple touch-button to start, and a support arm that guides the cluster into milking position and swings out of the cows way on detachment. Incorporating lightweight clusters and smart milking technologies, Velocity is ergonomically designed to improve milking speed and performance while providing a quiet, comfortable and enjoyable milking environment.

INCREASE MILKING COMFORT AND SPEED FOR COWS

The **Velocity Composite Rotary Milking System** has been designed to provide an ergonomically correct milking environment and a faster stress-free milking environment for any sized cow. The low profile cabinets that house the milking equipment such as the pneumatic detacher, display automation, a multi-function control switch and cluster washer, allow the cows to enter and exit the platform without the obstruction of vertical bail posts. The anti-slip matting covering the composite deck provides a comfortable and quiet environment, and allows the cows to transition on and off the platform quickly.

The stainless steel cabinet has smooth edges for safe cow flow

The fully integrated system works seamlessly together to reduce labour and improve performance

User-friendly system - delivering maximum milking efficiency and reliability

Fast stopping-power to prevent cows getting caught and injured

A quieter milking environment to reduce animal stress

SmartD-TECT automates pre-milking stimulation and udder health detection to eliminate labour and operator variabilities

Designed for ease of cleaning without stopping the rotary, for maximum hygiene and efficiency

Lighter construction reduces the cost of ownership, and running and service costs

Specially formulated soft and comfortable replaceable rubber mats in every bail to enhance cow comfort and protect their hooves

CONSTRUCTED FOR UNSTOPPABLE PERFORMANCE AND LONGEVITY

Our high-performance composite technology makes the Velocity platform structurally superior than concrete, chemically resistant, and more capable in any milking application - as well as being extremely quiet, lightweight, durable and easy to clean. Originally developed for our Centrus Systems, Waikato Milking Systems composite platform technology has been heralded as the most significant evolution in rotary platform design in 50 years.

With correct care and maintenance, the platforms will remain like new for their entire life - with no pitting or cracking with exposure to effluent and harsh chemicals.

The composite deck sections are formed using a multilayered lamination process similar to that used in the construction of high-performance aircraft and boats, resulting in a deck that is 75% lighter, and significantly more durable than traditional concrete or steel alternatives.

The dramatic reduction in the weight of the platform means your roller life will be extended, therefore reducing the cost of ownership. The lightweight platform also features impressive stopping power with the ability to be stopped quickly, should an issue arise, or in the event of an emergency - without causing injury to cows.



The platform is designed and built with extreme precision for performance, reliability and durability



The multi-layered laminated composite deck sections are structurally superior and extremely capable in any milking application



The deck is up to 75% lighter and more durable than traditional concrete or steel alternatives, reducing wear and tear



With its single bail modular design, Velocity can be tailored specifically to your requirements and can be built in almost any size you want



Upgradeable for future automation technologies to increase your performance and productivity

DESIGNED TO KEEP YOU MILKING



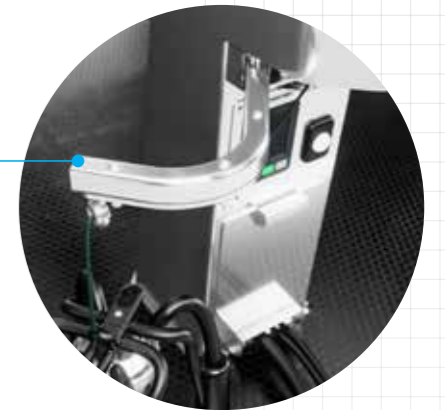
Robust Stainless Steel Cabinet with fully integrated milking equipment

The Cabinet contains the pneumatic detacher, optional automation display, multi-function touch-button and cluster washer.



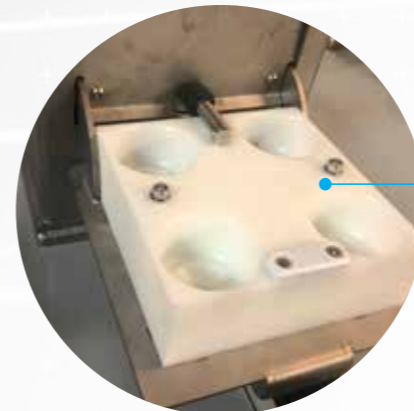
Clever support arm and pneumatic detachers with easy adjustment

The support arm guides the cluster into the correct milking position and swings out of the way on detachment, for the cow to exit the stall area. The retraction cord can be adjusted (lengthened/shortened) from the front of the cabinet with a simple tool. This makes maintenance and fine tuning easy.



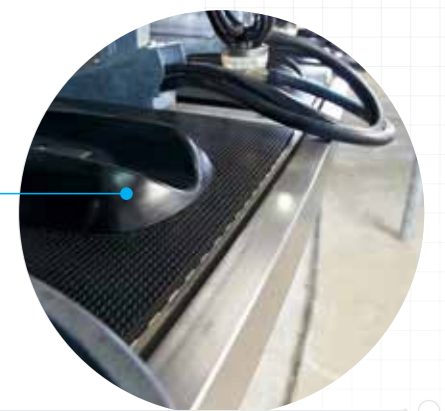
Easy washup for the Cabinet, stall and the milking equipment

The smooth outer stainless steel cabinet is easy to clean. The cluster washer folds out for attachment to the teatcups and retracts for milking. A secondary cover reduces water ingress while the CIP is in use.



Platform Structural & Chemical Resistance 5 Year Deck Guarantee

The Velocity system's multi-layer fiberglass composite construction makes it structurally superior to concrete platforms, and provides superior resistance to harmful chemicals, acids and manure - and comes with a 5 year platform structural and chemical resistance guarantee.



CONFIGURATIONS FOR ALL HERD SIZES



	5500	9500
Rated operating duty per day	24 hrs / day	24 hrs / day
Extra Comfort Bail Width (980mm c/c outer rim)	▪	▪
Heavy Duty Galvanised Stallwork	▪	
Heavy Duty Stainless Steel Stallwork		▪
Low Profile Stainless Steel Cabinet	▪	▪
Double Beam, nylon rollers 24/7 systems, approx. 450mm spacing	▪	▪
Lightweight, Heavy Duty Composite Deck	▪	▪
Drive Units & Cups On Controls	▪	▪
Heavy duty galvanised sub frame	▪	▪
Extra wide 2.7m platform	▪	▪
Rubber Mats for cow comfort	▪	▪
Automatic lubrication system	▪	▪
Full circumference control and emergency stop ropes	▪	▪
Entry Crush Switch	▪	▪
Entry D-Gate Assembly	▪	▪
Full circumference Rump and Kick Rail	▪	▪
Stainless Steel Dry Edge	▪	▪
ACR's / Detachers	▪	▪
Milking Point User Display	▪	▪
Mastitis and Udder Health Detection	▪	▪
Milk Metering	▪	▪
Dairy Management System	▪	▪

WHAT'S INCLUDED:

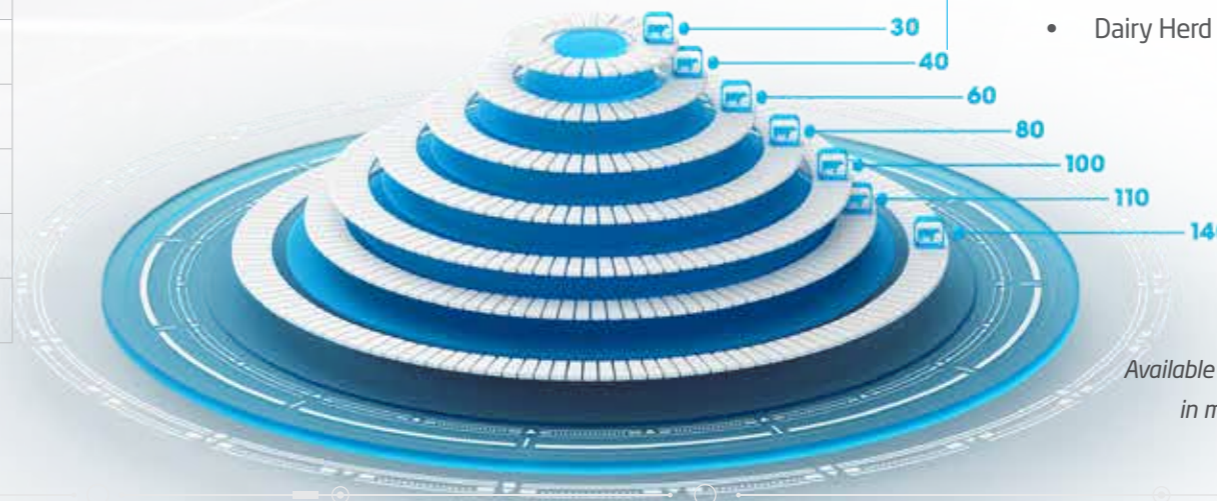
- Waikato 320 Cluster Sets
- Dropper Set
- Pulsation
- Filtered Air
- Rolled Lines
- Receiver and Sanitary Trap
- Milk Pump
- Milk Pump VSD (SmartDRIVE)
- Milk Recovery
- Auto Drains
- Rotek Gland
- Milk Filters
- Milk Delivery Lines
- Wash Water Return System
- Jetter Wash Lines
- Air Injector
- Heavy Duty Block CIP
- Vacuum Pump
- Vacuum Pump VSD (SmartDRIVE)
- Main Air Lines

Future-proof your dairy with automation

The Velocity Composite Rotary Milking System allows you to add from our range of Waikato Milking Systems' dairy automation technologies to increase your productivity and performance even further. The automation technologies integrate seamlessly with Velocity to provide you with reliability and efficiency, and the ability to future-proof your dairy.

AUTOMATION YOU CAN ADD:

- Take Off Delay
- Retraction speed control
- Short milking alert
- Waterproof touch-button LED indication
- Diagnostic reporting
- Independent Bail Gate control
- Post Milking Teat Spray control
- Pre Milking Teat Spray Control
- Remote IO for advanced milking control
- Yield Sensor compatible
- Milk Meter compatible
- Pre-milking Prep and Conductivity compatible
- Fixed Point Take Off
- Dairy Herd Management Compatible



Available from 30 point to 140 point in multiples of two points



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Growing the value of dairy