



The brand new 330' x 145' state of the art dairy facility at Charles Hill and Son Farm, Onslow.

that is not only fast, but focuses on milk quality. High-tech sensors analyze milk colour, conductivity and temperature, and the backflush process cleans and disinfects the milking unit between each cow.

The Monobox Automated Milking System can be seamlessly integrated into any cow traffic system and works with many different management styles. Its surface box mount makes it easy to install in new or existing barns. Maintenance is quick and convenient with the service-friendly robotic milk module.

## Charles Hill Farm has 4 GEA Monobox Robots

Continued from page 1

"Dairy farmers continue to look towards automated milking as a solution to reduce labour expenses while maintaining a highly productive herd," says Mario Jean, automation sales manager with GEA

North America. "The Monobox incorporates robotic milk module and milk rack in a box-style configuration. It's an extremely efficient and proven system that gives dairy farmers an automated

milking option unlike anything else on the market."

GEA's unique in-liner-everything technology ensures efficient milking in one quick, uniform procedure. After attachment, each milking step - stimulation, teat cleaning, fore-stripping, milk harvest and post-dipping - is done inside the liner. With the fast milking process, cows spend less time milking and more time eating and resting. Plus, it allows for more milkings per robot per day.

"The efficiency of the milking process is what takes the Monobox to the next level in automation," says Jean. "The time of flight camera on the milk rack matches the teatcups to the teats for the fastest unit attachment in the industry."

The multibox-system of the Mlone milking robot has established itself as a reliable option for growth-oriented farms with 70 animals or more. The Monobox offers herds of any size milk harvest



When a cow steps into the milking parlor, a 3D camera is used to automatically hook a cup to each of the four teats.



Tara Hill-Macmillan welcomed Dairy Focus participants to Charles Hill and Son Farm.



Once a cow calf's out, the pair are moved up to this area of the barn where they are on a comfort pad, shown here, for a day before joining the population of dairy cows.



Automated fans keep the temperature controlled for cow comfort.



## GEA knows dairies inside and out

Delivering total milking, hygiene, manure, barn and service solutions

Whether designing new dairy facilities, managing your existing dairy herd, making advancements in automation or seeking ground-breaking technologies to improve farm management, GEA can cover every inch of your dairy with the knowledge and equipment you need.

From your milking center to your housing area and every connecting aspect in between, GEA knows dairies inside and out.



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