

“The hooves stay  
**cleaner** and **drier** and  
therefore **healthier.**”

- Johan Harbers, Dairy Farmer



### **The new Discovery Collector C2**

The Discovery Collector C2 is an automatic collecting solution that vacuums up manure and dirt on shed floors. It is powered by an energy-efficient lithium battery, which recharges when the collector returns to its wireless charging and dumping station.

So you can enjoy cleaner floors and cow hooves for better cow health, while spending less time hosing out the dairy.





## The Lely Discovery Collector C2 is a **revolutionary manure-collecting robot** for cleaning shed floors.

### **Collect more manure with more driving capacity**

Lely Discovery Collectors have been cleaning dairy floors around the world since 2005.

In 2016, Lely launched the C1 model with a revolutionary new way of collecting manure via a vacuum pump, to better suit the cleaning of closed-floor sheds.

Now, the new C2 model offers greater driving capacity and wireless charging. It drives around 60% and charges around 40% of the time, returning to its station after its route to unload manure, charge itself and refill its water tank.

### **Water for a cleaner result and additional grip**

The Discovery Collector C2 can spray water from both the front and back of the machine, thinning-out manure for better intake and leaving a wet floor behind to help avoid new manure sticking.

Water is stored in two bags in the manure tank. So as the manure tank gets filled, the volume of the water bags decreases, freeing up more space for manure.

Its compact design means it can easily navigate between cows, under gates and around waiting areas.

### **No obstacles and maximum flexibility**

The Discovery Collector C2 navigates independently using built-in sensors. No cables, pulleys or raised passages are required, ensuring cows can move safely through the shed.

Its routes and cleaning frequency can be easily tuned to match the daily rhythm of your farm and herd.

So you can spend less time hosing out the shed while enjoying cleaner floors, cleaner cows and healthier hooves.

# How it **works:**



## Following routes

- The Discovery Collector C2 automatically starts a preprogrammed route from the wireless charging station.
- Thanks to built-in sensors, the manure robot always knows its exact position in the barn.



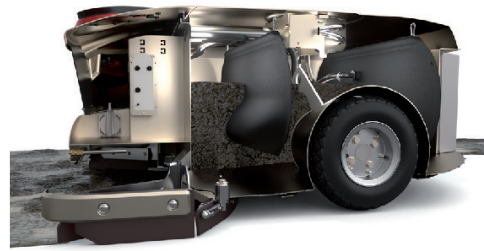
## Spraying water

- The sprayer at the front of the robot makes the manure more liquid.
- The sprayer at the back prevents slippery floors.
- Both sprayers can be switched on and off depending on the density of the manure and the desired level of cleanliness.



## Emptying the manure tank and filling the water bags

- A route ends at a dumping point.
- By dispelling the vacuum the manure falls into the hole.
- Simultaneously, the water bags are automatically refilled.
- The Discovery C2 reconnects to the wireless charging station to recharge for the next route.



## Collecting manure

- The scrapers guide the manure to the suction hole of the manure tank.
- A vacuum in the tank sucks the manure inside.

## Specifications

### Power

Battery: Lithium 24V  
Energy use: 2.5-3.0kWh/day  
Travel speed: 6-12m/min

### Capacity

Manure: 340L  
Water: 70L

### Dimensions

Width: 120cm  
Height: 62cm  
Length: 141cm

### Weight

Empty: 385kg  
Max: 750kg



# Also available from Lely Center Gippsland

ASTRONAUT Milking Robots



CALM Calf Feeders



JUNO Feed Pushers



LUNA Cow Brushes



## Get in touch!

*Call or drop in to speak with our team about how automation could work on your farm.*

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*Specialists in pasture-based dairy automation*



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