

Milka-Ware

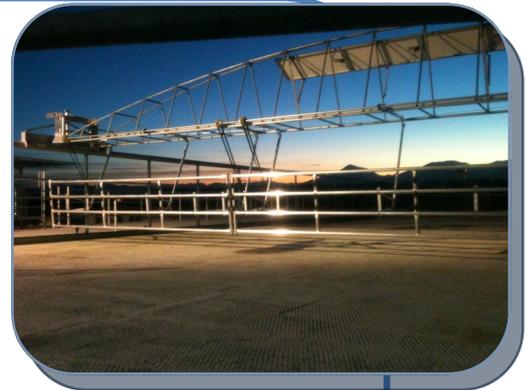
Total Dairy Systems

ASHBURTON

CEL WIRELESS BACKING GATE

Standard Features

- Solar Powered
- Radio Controlled
- 24 Volt dc Motors
- Automatic Steering System
- Auto stop at each end of yard
- Adjustable timed forward movement
- Exceptional Traction
- No Extra Installation Costs



Optional Features

- Load Sensing*
- Automatic Mode*
- Electric Fence Unit
- Extra Controls on Gate and/or in Dairy
- 4 wheel Drive
- Dungbuster
- Auto Docking station for rapid charging

Contact Details

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Wireless & Automation

- Backing Gate is powered by **Solar Panels** which charge two large deep cycle gel battery's.
- The **solar powered** system is 24 volt dc which is far safer than a mains powered gate.
- The **24Vdc motors** are small, powerful, efficient and high quality.
- **Variable speed** motor controllers allow the backing gate to accelerate and decelerate smoothly.
- The **Auto Steering** system utilizes the variable speed drives (VSD) and proximity sensors to continuously make small adjustments to the speed of each drive unit which keep the backing gate traveling straight down the yard.
- A **Radio Controlled** unit sends commands to gate from the main console in Dairy.
- **No cables** to gate means easier, quicker, cheaper, installation, less maintenance, no hook ups.
- Non contact **proximity sensors** are used for steering and auto stops, these sensors are a low maintenance sealed unit that has no moving parts, so therefore are extremely reliable.
- **Load Sensing** operates when the gate senses have detected a cow in front of the gate*
- An extra Option is an **Automatic mode** which means that the gate will automatically move forward until load sensing activates. At this point the gate will move back a set distance and then after a pre determined time period the gate will move forward again. This process will keep cycling while in this mode.*
- Many of the **parameters** for Automatic mode, Load sensing and Incremental Forward are all adjustable via the Software in the PLC which controls the gate.
- **Auto stops** at each end of yard allow the gate to be put into reverse at the end of milking, and will stop by itself when it reaches the end of the yard.
- * Under Development

Other Features

- The **Drive wheels** have a urethane coating and are machined to suit the radius of the top rail which gives the gate considerable traction particularly when 4 wheel drive is utilized.
- **Safety guards** which hook around the top rail of the fence make it almost impossible for it to become derailed.
- Heat expansion and variations in yard width are allowed for by a **pendulum** action on one end of gate.
- **Buzzer** activates while moving and makes a different sound depending which direction gate is going.
- Gate can go in a yard with high fences, low fence or a combination and doesn't require a special top rail.
- Easy installation and **no hidden extra costs**—some other gates can require up to \$6000 in installation costs to cover cables and electrical work etc.