

LEASK ENGINEERING

Pendulum[®] Dairy Exit Gates



Robust and easy to operate

Pendulum® gates were introduced to New Zealand dairy farmers in 1983 by Leask Engineering. The Pendulum® exit gate, manufactured for herringbone dairy sheds, offers effective control over cow flow during milking. The hot dipped galvanised gates, which pivot on sealed ball bearings, are robustly constructed and can be opened from anywhere along the pit. On opening, the gate swings away from the operator to an overhead position on the breast rail side of the shed, allowing a clear exit for the cows. Milked and un-milked cows are easily separated, thus providing rapid exit and entry to the dairy shed (follow through flow). Individual cows can be stopped, even when they are exiting in close formation. Selected cows can be drafted from the herd to be attended to after milking.

Pendulum® Gates have a unique design and have always been renowned for providing:

- Effective cow control and flow
- Positive locking in both open and closed positions
- Quick, easy and accurate control from anywhere along the pit
- Labour savings
- Large exit area
- Unobstructed pit access
- Low maintenance operation



Since the early days of design, our Pendulum® gate has evolved and developed, and recent design changes have seen further significant improvements with the following advantages and features:

- Addition of a mounting frame for quick and easy installation
- Stronger gate frame
- Gate quick attach mounting
- Heavier control rod ends and bolts
- Stronger secondary arm with the weight incorporated inside
- Flanged bearing housings
- Extra head clearance for personnel (up to 1850mm)
- Extra head clearance for the front cows
- Addition of solid sight panels – making it easier for the cows to see the moving gate
- Better support of the gate frame during opening/closing motion
- Ability to use either 15NB or 20NB control rails