



### Viewing Theatre & Conference Room

Getting up close and personal with the operation of The SuperShed is possible through the floor to ceiling glass doors, a facility much appreciated by industry specialists, tourists and students.

It's a superb place for conferences if you can just get them to pay attention to you and not the fascinating and ever-changing view through the windows.

### It's only rock and roll but we like it...

Well sometimes it's Bach and sometimes The Beatles, with a bit of Bruce Springsteen in between, anything to keep the cows relaxed, happy and producing... and the staff too of course.



2012 Dairy Business Of The Year - Taranaki Best Farm Business  
 Taranaki Ballance Farm Environment Awards 2014 - Supreme Award  
 Taranaki Ballance Farm Environment Awards 2014 - Ballance Agri-Nutrients Soil Management Award  
 Taranaki Ballance Farm Environment Awards 2014 - LIC Dairy Farm Award  
 Taranaki Ballance Farm Environment Awards 2014 - Massey University Innovation Award  
 Taranaki Ballance Farm Environment Awards 2014 - PGG Wrightson Land and Life Award

### The SuperShed at a glance

- \$2.4 million SuperShed
- Owned by Faull Farms Limited
- Sharemilkers - Tony & Loie Penwarden
- Dairymaster 60 bail rotary system
- Milking Platform 282 Hectares
- 1150 Friesian (and Friesian cross-breeds) cows
- Producing 540,000Kg MS a season
- Vat Capacity 43,000 litres
- 70,000 litre flood washing system

### Contact us:

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From  
**GREEN**  
 to  
**CREAM**  
 THE STORY OF MILK





# Local dream makes global impact



## Five generations. Five brothers. Five families. One dream - Faull Farms.

The SuperShed is the result of five generations of farming and a long-held dream of Faull Farms to create a milking plant operation that would meet the need for a high producing, economically and environmentally sustainable dairy farming operation.

### One man and his dog

Not surprisingly Faull Farms was highly motivated to find a solution to the nightmare of four-hour milking, twice a day by three people and some very concerned dogs. For three years they worked alongside Kodesign, Dairymaster and Intelact and tapped into local expertise, experience and a fair bit of Kiwi ingenuity – emerging triumphantly with a plan for one man (carefully overseen by a very experienced dog) to oversee the entire operation.

### It works like this...

The SuperShed is a 60 bail rotary operation from Dairymaster in Ireland. The one person operation design includes a stainless steel construction for platform and surrounds, two separate driving systems with variable drive units, safety gates with full rail and shed wide safety provisions, twin 100mm stainless milk lines with jet streams for dual supply

(main milk and colostrum and animal milk rearing production) touch control milk diversion, pulsation line with electronic pulsators and looped stainless wash line with aqua jets. Impressive? You bet. Even better – it works.

### The ultimate in oversight

Video cameras are able to capture every aspect of the operation, allowing real-time status, oversight and security by both the plant operator, and remotely by management.

It also allows representatives from the national and international dairy industry to view the operation in the theatre and conference room.

### Welcome to our place

Faull Farms are delighted to welcome you here and are very keen to make sure you leave in the same condition you arrived so they ask that you don't smoke or touch any of the machinery, equipment or animals. While their animals are used to people they can get frightened when they're continually being touched or approached... much as you would if there was a steady stream of strangers passing through your lounge at home.



### Clean, green and environmentally friendly

*With any dairy operation there are cows, and with cows there is effluent – and a lot of it. The SuperShed Dairy takes care of this through a two pond anaerobic effluent processing system, which is the technical term for recycling it onto pastures through smart hydrants. That way the waterways stay clean and the pastures stay green. The SuperShed is nothing if not frighteningly efficient.*

*Washing and hygiene is paramount to producing quality, safe milk. This is taken care of within the Dairymaster system from rotating wash booms and teat spraying through to heat extraction via exchange systems from the milk prior to it going into the refrigerated vat.*

*Down in the yard they're pumping 70,000 litres of water through in a flood system to maximise cleaning capability and minimise labour.*



### The staff take care of the cows and we take care of the staff

Fully equipped staff meeting rooms and offices are provided for team briefing and relaxation which is important for staff morale and safety.