

PPP

Experto Feeder

FINALIST OF THE
NZ HI-TECH AWARDS 2017



intelligent feed & management system



Ready for automatic feeding, open to new ideas

The PPP Experto Feeder delivery unit is designed to increased yield, long-term growth and expansion of your herd.

"The PPP Experto Feeder provides a solution that no one else can offer."

NZ Dairy Farmer

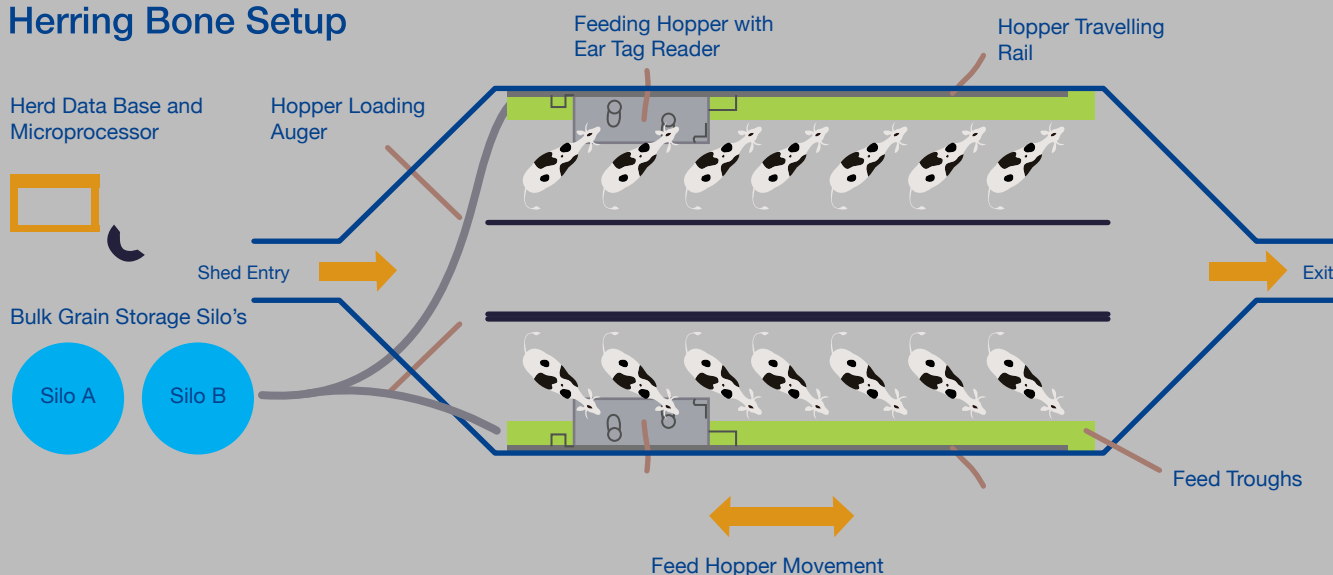
Whatever thoughts come into mind when thinking about the subject of Total Mixed Ration (TMR) feeding – the **PPP Experto Feeder** transfers your ideas directly onto the milking shed or feed pad.

The option of rail-mounted feeder provides your herd with a finely measured recipe of feed from a storage silo and mineral supplements – reliably and round the clock. This results in a terrific saving in time and labour for you every day. The system is space saving, thus reducing the costs for any extension to your infrastructure. Rein to your plans for the future, the **PPP Experto Feeder** will support you on the path to top-quality animal health!

Set up an independent feed supply system on your farm.

The **PPP Experto Feeder** in a Milking Shed or Feed Pad environment loads up from a stationary storage silo or manually with the products you want! Quietly and with amazing precision it then distributes its contents into the desired feed locations in a programmed cycle – it operates wirelessly via low voltage battery power. Which group receives its TMR ration, at what time, how much and how often, is determined through computer control by you alone!

Herring Bone Setup



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Experto Feeder

As thanks the cows clear up the table

Take advantage of the benefits of the **PPP Experto Feeder** and the feeding system using TMR strategies: The volume of TMR can be divided among the animal groups and adjusted depending on the current performance, while selective feed intake can be avoided.

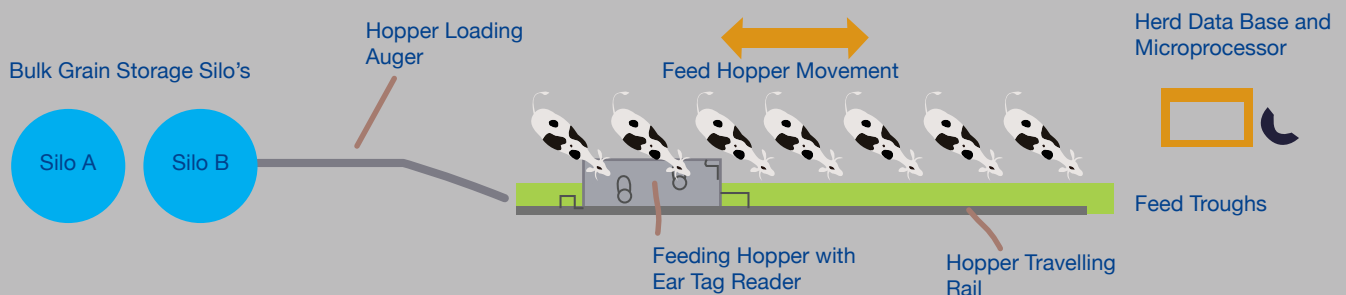
Feed dispensing activates the cows resulting in a relaxed atmosphere as well as minimizes feed loss and prevents over-feeding. Healthy animals will make the automatic feeding system worthwhile by rewarding you with litre upon litre of top-quality milk!

It is your choice: the dispensers to match the nutritional needs of your animals

The **PPP Experto Feeder** is available in a single product dispenser. You can select add-ons at any time which include a second grain/meal product, up to two mineral dispensers plus a liquid product. The feeder is easily customised to the ideal basis for your farm, herd and personal plans.



Feed Pad Setup



PPP Experto Feeder – the advantages at a glance

- feeding for each animal group, based on their needs
- improved feed intake and utilization through TMR feeding
- a minimum of effort required to fill the PPP Experto Feeder with no pre-mixing required
- little space required, the feeder can fit in most existing sheds
- safe, proven system with the experience of a local agribusiness equipment specialist

Specific Design Principles

To achieve proficient health and growth of animals, an effective supplement feed and mineral feeding programmes are key. Delivering the correct energy requirements while also providing targeted amount of minerals to individual animals via RFID identification is the key principle behind the PPP travelling feed hopper.

Upgradable: Start with the basic feeder with just one grain/meal based product with blanket feeding and at any time add an extra grain, mineral dispensers, liquid dispenser & individual feeding via RFID.

Scalable: the PPP technical platform for Animal Management is suitable for both large and small groups of animals, whether in stable or dynamic group housing. In short: this can be used in all situations.

RFID identification: Using electronic identification, we make it possible to identify, monitor and care for individual animals. This allows farmers to keep animals in large groups while still managing them individually. This produces better technical results, with less labour. For the animal it results in the best individual feeding, care and housing. This is how we enable healthy growth, with labour, profit and well-being in balance.

Dynamic Feeding: The PPP Experto Feeder offers you the perfect solutions for dynamic groups in which individual animals are introduced into the group at different stages and can be separated again at the right time at the end of different cycles.

Design Feature	Specification
Minimum Grain/Meal based feed dose amount*	100 grams
Minimum Mineral type product dose amount*	5 grams
Min - Max flow rate of Grain/Meal based feeds*	280 - 1120 grams per second
Min - Max flow rate of Mineral type products*	100 - 200 grams per second
Variable feed to mineral ratios	Yes
Maximum storage capacity of Grain/Meal based feed (per hopper)*	0.2m ³ / 110-160kg
Maximum storage capacity of Mineral type product (per dispenser)*	0.019m ³ / 40-55kg
Number of different Grain/Meal based products that can be fed	<2
Number of different Mineral type products that can be fed	<2
Number of different Liquid type products that can be fed	1
Number of different auger set ups available	4 feed / 5 mineral

* Based on an average of different types of feeds. Actual amount will depend on the product used.

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Innovative Agriculture Equipment

Designers & Manufacturers of Innovative Agriculture Equipment

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pppindustries.co.nz

PPP have been designing, manufacturing and installing innovative agriculture equipment since 1967. Based on this experience, PPP can offer you a superior feed system, delivering exact quantities of feed coupled with the knowledge that our commitment to you is for the lifetime of your shed with our system. PPP have a nation-wide installation and after-sales dealership network, from Kaitaia in the North Island down to Invercargill in the South Island, ensuring you obtain prompt after-sales support.

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