

HERRINGBONE FEED SYSTEMS



PPP manufactured & installed New Zealand's first dairy feed system in 1967

IMPROVE

1. Animal health
2. Fertility
3. Labour efficiency
4. Feed accuracy
5. Feed up-take

REDUCE

1. Animal health costs
2. Empty rates
3. Labour costs
4. Feed out costs
5. Feed wastage



Our aim is to help New Zealand farmers achieve greater profitability whilst still having time to enjoy the good things in life

A little history about us...

PPP Industries Ltd was formed in 1962 and was originally set-up as a poultry equipment manufacturer and parts supply company. In the early 1970's the technology used in the poultry industry was adapted, combined with some good kiwi ingenuity, and New Zealand's first commercial in-shed dairy feeding systems were created.

Since the 70's the systems which we have supplied have constantly evolved whilst maintaining a focus on being user-friendly and cost effective. Dairy in-shed feed systems are now our main product and we are focussed on providing systems which meet the demands of New Zealand farmers.

From time to time we service systems which were installed in the 70's and 80's and it's great for farmers to know that when they need service work or upgrades in the future, that we will be there to back our products. As testament to that longevity PPP have three staff members who have been with the company since day one!

Save time and money with a PPP in-shed dairy feed system



SUPPLEMENTARY FEEDING OF MEAL IS A RECOGNISED MANAGEMENT TOOL IN IMPROVING ANIMAL HEALTH, AND THEREFORE PRODUCTIVITY.

HAVING A PPP AUTOMATIC MEAL FEEDING SYSTEM IN YOUR SHED REDUCES LABOUR AND GIVES YOU QUIETER AND HAPPIER COWS DURING MILKING.

A Why choose a PPP feed systems?

Investment in R&D has ensured today's modern dairy farmers using PPP feed systems are meeting the demands placed on them.

Simple to use with virtually no labour in-put
Very low maintenance requirements
Very low running costs
In-built safety features
Very accurate feed drops for each cow everytime
Individual feed drops
Stainless steel feed trays or individual feed bins
Molasses & water injection options available
Mineral additive options available
Silo sizes to suit different farms
A system that can handle a wide range of feed

Why are farmers installing PPP feed systems?

Accurate & individual dispensing ensures costs are controlled
Grass silage costs approximately 3.37cMJME
Meal options range in price from 2.60 c MJME – 3.00 c MJME
Typical wastage for silage varies between 10% - 30% - meal is 1% - 2%
Grain is more consistent in quality than silage
Less grass substitution occurs with grain than with silage and hay
Capital investment for feed systems is lower than a silage feed out set up
Grain is more efficient at putting on cow condition than maize silage
Silage ties up capital in a bunker and meal is purchased when required

NATIONWIDE COVERAGE OFFERING

Installation agents and after sales back-up in the following regions;

- Northland
- Tuakau – PPP offering coverage over all the Waikato region
- Matamata
- Reperoa
- Bay of Plenty
- Hawkes Bay
- Manuwatu
- Taranaki
- Wairarapa
- Nelson
- Canterbury
- West Coast
- Otago
- Southland



How does a PPP feed system work?

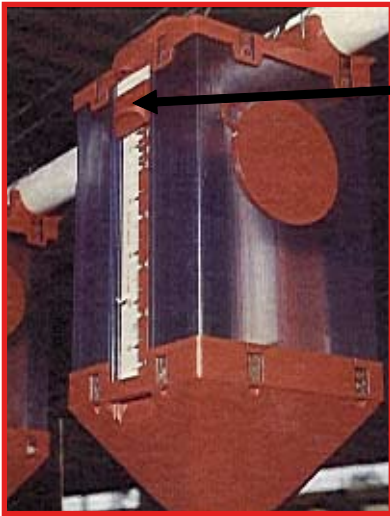
Attached to the feed silo are two auger lines. Each auger line acts independently and conveys feed into feed dispensers running down each side of the dairy shed.

When the feed dispensers are full of feed the person milking the cows trips the dispensers so the feed is dispensed from the feed dispensers into the stainless steel tray. The system refills the feed dispensers automatically when the dispensers have dropped the feed into the tray. This ensures the system is ready for the next row of cows when they come into the milking parlour.



PPP Herringbone feed dispenser

PPP feed dispensers offer precise, individual feeding.



Feed Adjuster Slide – move the slide up or down to increase or decrease the amount of feed you give to your cows.



Note the support structure for the feed dispenser
- PPP use 50mm X 25 mm x 2.5 mm thick duragalv to support the dispenser & auger feed line

NEW !! Double Auger line – the ultimate in feed delivery systems

No pull handles – press a button in the pit and 2nd feed auger starts

No slide adjustment to alter feed rate – just turn a timer dial for feed auger motor



PPP molasses injection



HERRINGBONE MOLASSES SYSTEM

Molasses is delivered into the shed via a high pressure density PVC line with a specialised molasses pump.

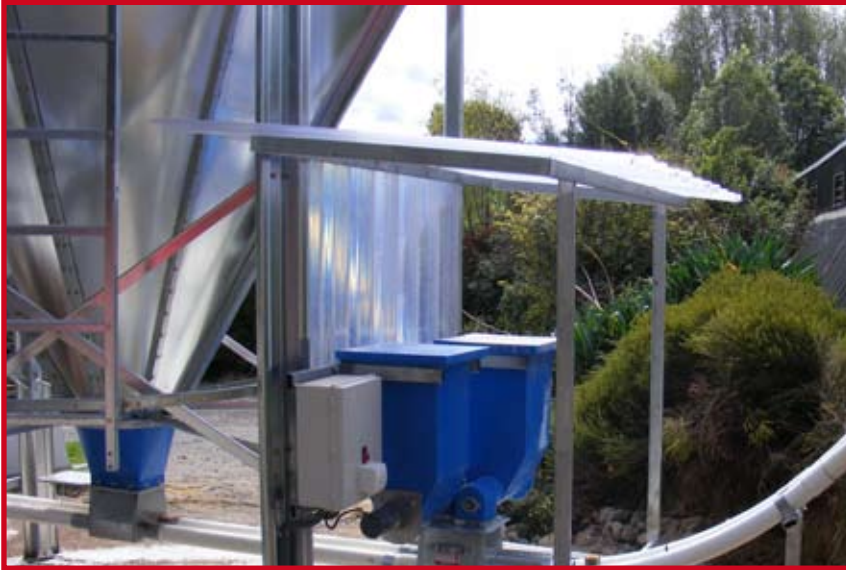


HERRINGBONE WATER INJECTION SYSTEM

With more palm kernel being used as a feed ration for dairy cows PPP have developed a water injection system so automatically water can be delivered to the feed tray to wet down palm kernel.

By wetting down palm kernel palatability and hence intake of palm kernel is greatly increased.

PPP in-line mineral dispenser



In-Line Mineral Additive Dispenser
Allows minerals to be added to feed

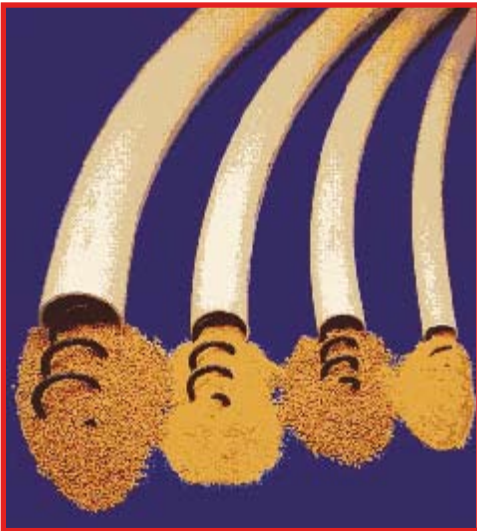


HERRINGBONE IN-LINE MINERAL DISPENSER

The advantage in having this system added onto your feed system it allows you the farmer to purchase the cheapest grain on the market and you then add in your minerals.

The commonest product dispensed is causmag but there are advantages in having special brews mixed to meet your particular herd needs.

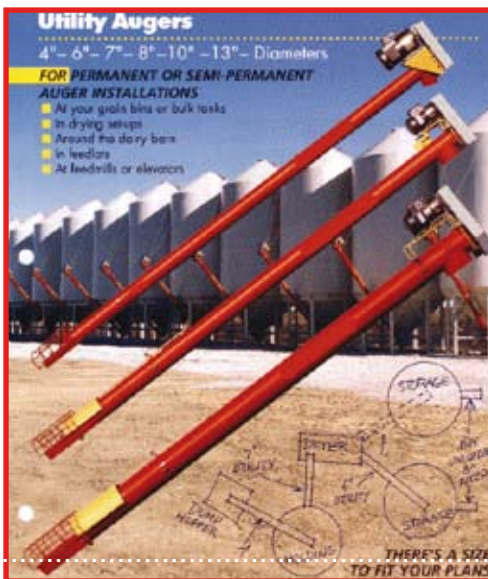
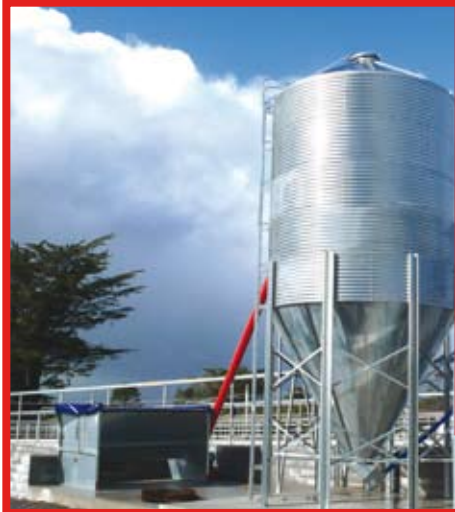
PPP augers



PPP coreless augers used on in shed feed systems

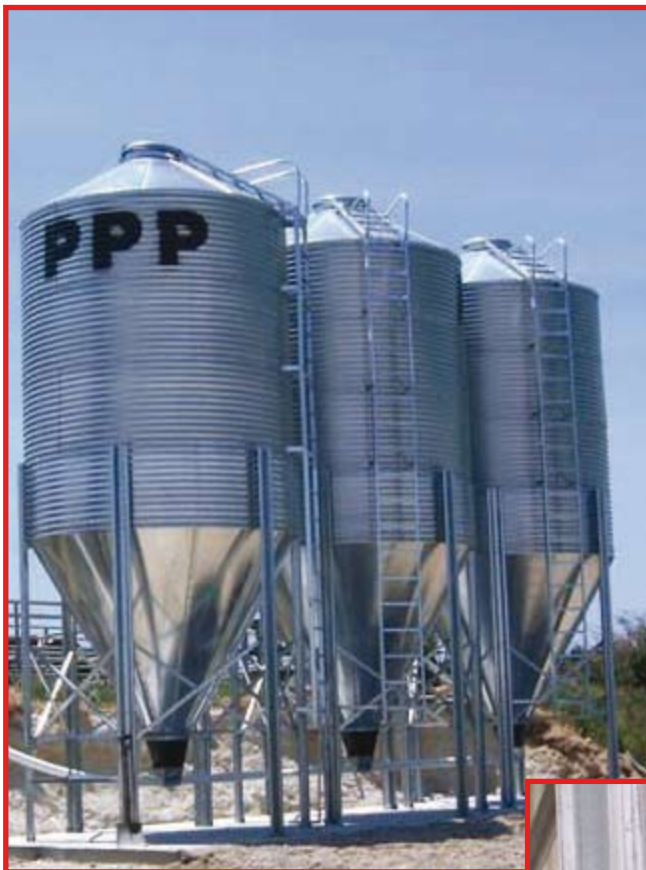


PPP auger options for filling bulk grain orders directly from trucks



PPP unloader utility augers for removing grain from silos into silage feed out wagons or other applications

PPP silo options



Bag out chute

PPP silos typically hold 25m³ of feed or about 16 tonnes of wheat and 14 tonnes of pelletised feed.

A typically auger feed truck holds 12 tonnes of feed

Silos are delivered assembled and bolted onto concrete silo pads Each silo comes complete with a ladder, ground operated lid opener and a bag out chute to remove small amounts of feed.

CONCRETE SILO PAD FOUNDATIONS

9 ft (2.74 m) diameter X 4 ring (6.8 meters high) - standard PPP feed system silo
3.3 meters square x 250 mm thick steel reinforced with 665 mesh
- these meet NZ building codes

PPP CONTACT DETAILS

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MISSION STATEMENT

PPP Industries is a New Zealand owned and based leading provider and distributor of livestock equipment specifically designed to increase farm profitability.

The company was formed in 1962 to manufacture equipment for the local market and since the early 1970's has also been supplying solutions outside New Zealand.

