



Dairy for life

OUT OF THE BOX ALL-IN-ONE CONSUMER PACKING SOLUTIONS

The new way to get dairy
to consumers in market faster,
smarter & with lower risk



End to end modular
packing solutions
for powder and
UHT formats.
Flexible and portable
allowing delivery
of multiple options
practically anywhere

3 Options

- **Re-packing:**
Bulk milk powders into
consumer sachet forms
- **Dry blending:**
Pre-formulated
dairy/non dairy ingredients
- **UHT:**
Processing plant for
dairy and flavoured milk

Multiple Benefits

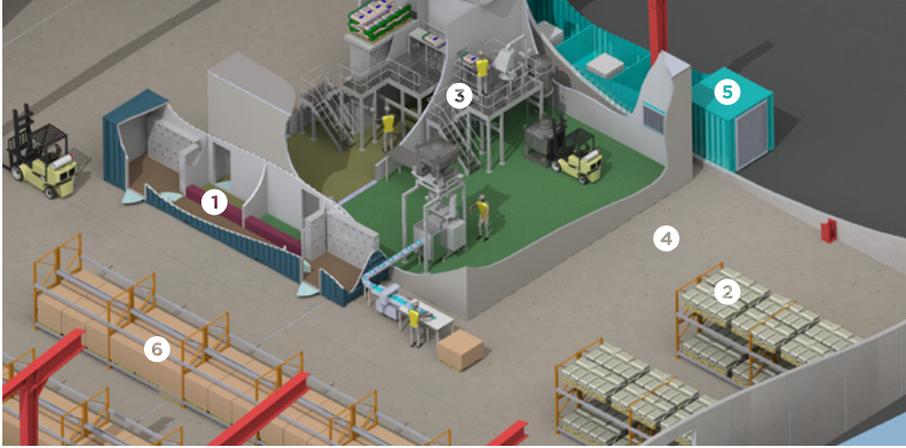
- **Portable:** Fully modular system designed to fit in standard containers, which are easy to ship and assemble
- **Easy to Use & Low Cost Design :**
 - Pre-engineered simple design enables rapid market entry, with low-cost implementation
 - Ideal site will have services, warehouse and other amenities available
- **Reduced risk:**
 - Built to Fonterra Global Engineering and quality standards
 - In line with food safety standards
 - Low risk prior to scale up investment
- **Backed by our dairy expertise:**
 - Local technical and engineering support available including implementation and installation
 - Fonterra's packaging & quality control know-how
- **End to end options:**
 - Leverage Fonterra's established world-class dairy ingredients
 - Option to launch Fonterra's leading global consumer brand Anchor



PLANT OPTIONS

Consumer Powder & UHT plants providing flexible options, quality & engineering

Consumer Powder Packing Plant

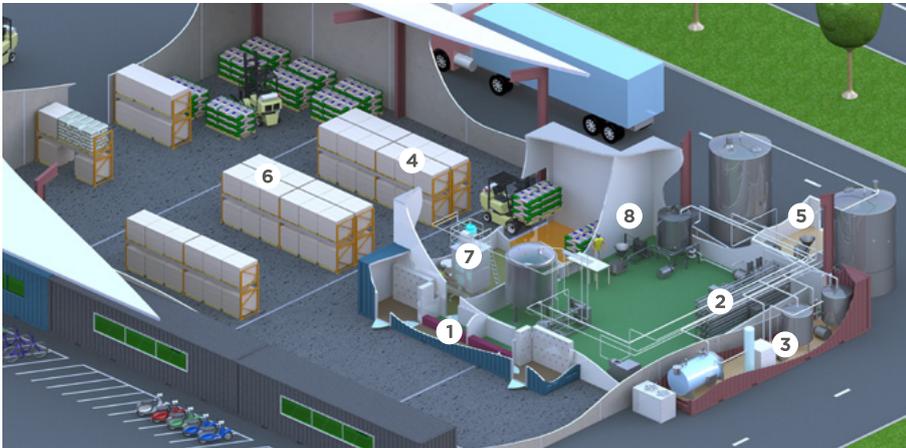


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|------------------------------------|--|------------------------------------|
| 1 Hygiene access control | 3 Hygiene controlled processing & packing area | 5 External utilities & HVAC module |
| 2 Raw material & packaging storage | 4 Optional dry blending option | 6 Finished goods storage |

How it works:

- **Packs:** regular, fortified & flavoured powders
- **Pack size options:** 18g to 100g, 400g and potential for 1kg options
- **Weighting & batching:** Ingredients defined, checked & measured
- **Loading & sifting:** Verification & ingredient loading
- **Intermediate bulk containers:** All ingredients blended prior to packing for even mixing
- **Packaging:** Temperature & humidity controlled with full quality and process control options

Consumer UHT Packing Plant



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|------------------------------------|------------------------------------|---------------------------|
| 1 Hygiene access control | 4 Raw material & packaging storage | 7 UHT process |
| 2 Pouch filling machine | 5 Fresh milk reception | 8 Milk powder recombining |
| 3 External utilities & HVAC module | 6 Finished goods storage | |

How it works:

- Reconstitution of milk powder
- Fresh milk reception, testing & chilled storage
- UHT sterilisation with filter design for aseptic filling & foreign matter control
- Pouch filling, form and seal machine: 100mL to 1L options
- Packing under positive air pressure with full quality & process controls

To find out more about how we can work with you, please contact:
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