



INNOVATION INSPIRED BY EXPERTISE





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Head of Agri Sales

UNISON

At Unison, we specialise in dairy processing.

We manufacture and supply innovative equipment including continuous flow (HTST) pasteurisers, milk vending machines, chillers and complete containerised micro-dairies. We also provide a comprehensive testing, servicing and spare parts service to our clients.

Our main aim is making our customers production as user-friendly and cost-effective as possible.



PRODUCTS & SERVICES



Heat Exchanger
Integrity testing systems



Turnkey
Projects



Process Equipment
Servicing



Milk Vending
Equipment



Bespoke
Pasteurisers



Spare Parts and
Components



Homogeniser
Sales



Complete Processing,
Filling & Packing Lines

MILK VENDING

PASTEURIZATION

AND VENDING SYSTEMS

FOR SELLING MILK AND FARM

PRODUCE DIRECT



Why Milk Vending?

- Change in customer trend towards artisan quality products over large dairies.
- Big drive behind supporting local.
- Increase income and employment - Dairy Farmers are seeing over 5 x MORE PROFIT by selling direct to the public.
- Sustainability - Less Plastic packaging, less food miles.
- Easy route to diversification - Fast ROI



UNISON COMPACT PASTEURISERS

We Started manufacturing compact pasteurisers over 10 years ago with a concentration on developing systems which are user-friendly, automatic and cost-effective.

Our compact pasteuriser customers range from small to medium processors (200-2,000 L/Hr) who are processing milk for vending, bottling, cheese, yoghurt, ice-cream and more.



CONTINUOUS FLOW(HTST) VS BATCH PASTEURISING

- Fully Automatic - one touch control
- 6 1/2 times lower operational costs
- 10 times less labour
- More Economical - Up to 92% heat recovery
- Higher standard of pasteurised milk
- Extended Shelf life
- Easier to clean and can clean additional equipment
- Easily scalable production with the same equipment
- Easy to integrate with additional equipment
- One machine can be programmed for various processes or products

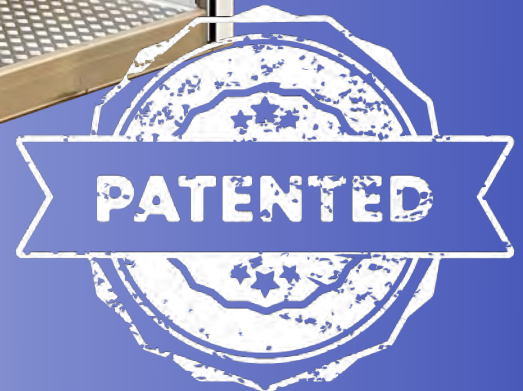
ENSURING ADHERENCE WITH FOOD QUALITY STANDARDS

- ▶ **QUALITY MANUFACTURING:** Unison is ISO 9001 Quality Certified. All of our pasteurisers are fully certified to meet CE, FDA, UL, A3 & PMO standards and are compliant with all worldwide pasteurizing standards.
- ▶ **DIVERSION VALVE CHECK:** Required by the Department of Agriculture. All Unison pasteurisers have an automated check before going into production.
- ▶ **EASY OPERATION AND DATA LOGGING :** Automatic control of pasteurization temperature, flow diversion and continuous data recording for traceability and quality systems.



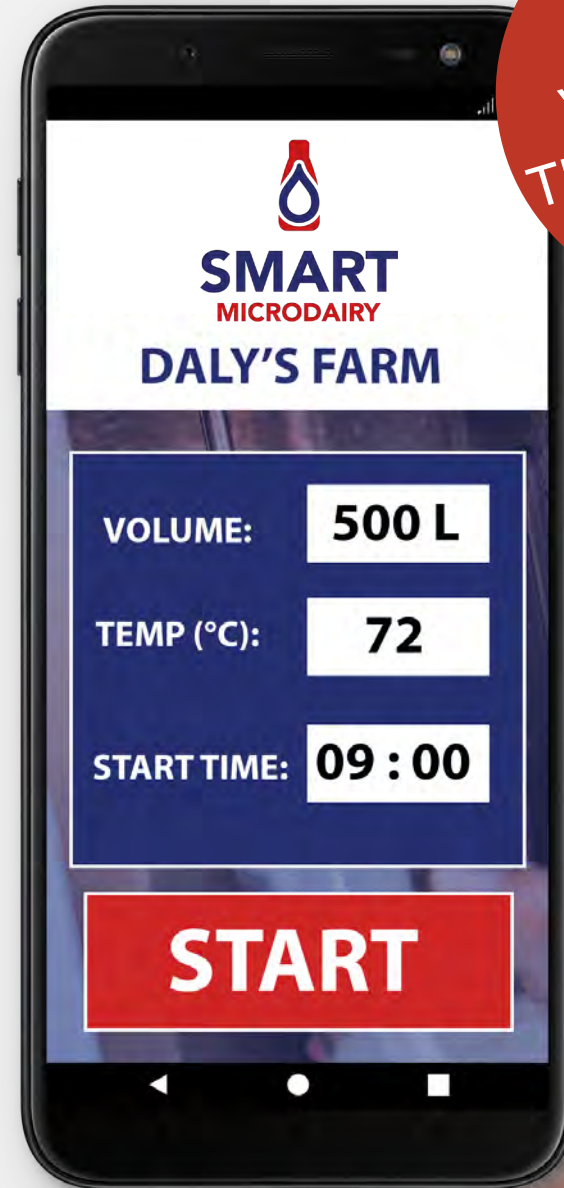
SMART MICRODAIRY

The World's First Complete Hygienic Pasteurising
Solution for Milk Vending



NO MANUAL OPERATION - THE FARMER DOES NOT ENTER THE CLEAN ROOM AREA AT ANY STAGE

Operating the unit is effortless
and remote, taking place with the
touch of a button on the Smart
Microdairy app - making
on-farm processing easier and
quicker than ever!



MILK
VENDING...
THE EASY WAY



- ✓ Unison Flash Milk Pasteuriser with electric heating
 - ▶ Automatic holding time test system
 - ▶ Automatic diversion valve check (Department of Agriculture Requirement)
 - ▶ Integrated CIP (Clean in place) system - the raw milk supply is externally connected to the stainless steel flow plate with CIP return connection. Ability to wash up to 4 tanks.
 - ▶ Fully automatic and user-friendly PLC/HMI controlled
- ✓ 1 x 200 L tanks
- ✓ Water chiller
- ✓ Air compressor
- ✓ Roller Shutter door for secure storage of vending machine milk tanks
- ✓ Air fan for ventilation
- ✓ Lighting and plug sockets
- ✓ Electric control panel
- ✓ Milk Dispenser (including coin/cash payment and text alerts)

MILK VENDING MACHINES

Our Milk Vending Machines are perfect for selling raw milk and pasteurised milk direct to the consumer. We supply various models ranging from 100 litres to modular systems for 1800 litres plus.

Our milk vending machines can be installed on or off farm, in supermarkets, and we even have some customers with machines installed in horse boxes! All these versatile milk vending dispensers require is an electrical connection to allow your customers to be able to buy your high-quality milk, 24 hours a day, 7 days a week, allowing you to maximise your profit from your produce and hard work.



MILK VENDING SET UPS







MILK VENDING HAS EVEN GONE MOBILE!



WORKING WITH US

All of our effort, expertise, and ability is concentrated towards **developing products and solutions which enable farmers to get more value for their milk by selling direct.**



THANK YOU!



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