

**Mercer**  
STAINLESS LTD



L A S T I N G   E X C E L L E N C E

S U P E R I O R S O L U T I O N S I N

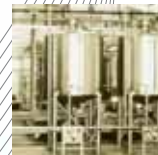
S T A I N L E S S

S T E E L



Food &  
Beverage Technology

Liquid  
Transportation



Process  
Vessels

Water & Waste  
Treatment Plant



Material Handlings

Pharmaceutical  
Equipment

Q U A L I T Y D E S I G N &

M A N U F A C T U R I N G



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# A SOUTH PACIFIC SUCCESS STORY



New Zealand, with an established English heritage, consists of two major islands, and is of similar size to California and Japan.

"Mercer Stainless Limited exports a diverse range of products to many parts of the world, in particular to Australia, the United Kingdom, Europe, South East Asia and the United States of America".

Founded in Christchurch, New Zealand, in 1882, the Mercer success of today can largely be attributed to the experience the company has gained from over 100 years of fabrication.

An experience and reputation purposely built around stainless steel fabrication, with its many inherent, unique qualities - hygienic and durable, as well as decorative and fashionable.

The most important aspect to the respected Mercer reputation has been the experience and expertise developed in its pursuit of manufacturing excellence.

As a result, the Mercer history explains why our client base covers a diversity of industries - including a considerable number of 'firsts' in terms of manufacturing innovations.

Within this profile we outline some of our key design and fabrication capabilities, as well as our strict quality controls, whilst inviting you to consider New Zealand's very competitive manufacturing costs.

Then you'll appreciate why Mercer's success has spread beyond Australasia, to the world, and how Mercer can help you.

Located in the South Pacific and featuring a mild temperate climate, the country is renowned for its unmatched natural beauty, snow capped mountains, crystal clear lakes and lush high producing pasture.

But there is much more to New Zealand's international success story than just sheep, scenery, dairy cows and All Black rugby teams. Mercer Stainless is proud to be one of those companies.



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# MERCER STAINLESS

Provides clients in the dairy, brewing, food, forestry, pharmaceutical and pulp and paper industries with unique levels of experience, technology and commitment in the design, production and installation of wide ranging stainless steel silos, tanks and process vessels.

With over 100 years of proven experience and leadership in stainless steel technology Mercer has developed an outstanding reputation for success across numerous major international projects.

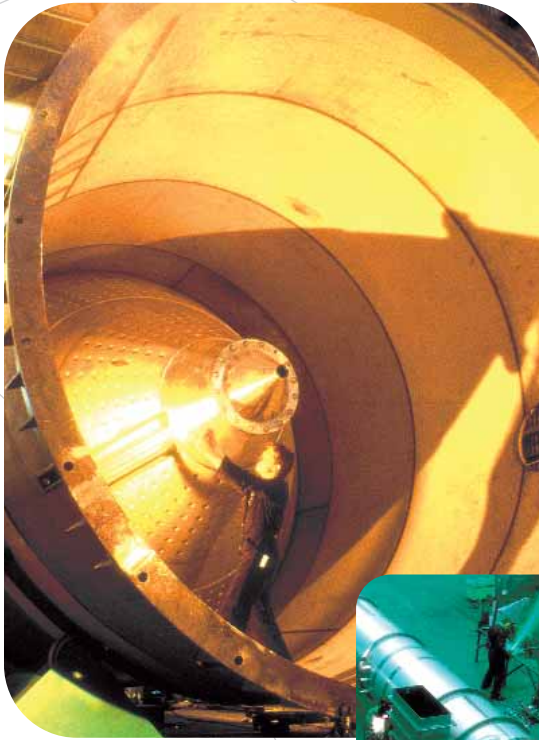
The Company is therefore uniquely equipped to deliver innovative engineering solutions which meet the most exacting client requirements and expectations in both stainless steel and other manufacturing materials. Common products across these industries include process vessels, tanks and silos of up to a 400,000 litre capacity, road tankers, conveyors, wash systems, sterilisers, cookers, complete handling / hygiene systems and highly specialised cheese making equipment.

## COMMITMENT TO QUALITY

Total quality and total customer satisfaction is the commitment that is given to every Mercer client. This commitment is reinforced by ISO 9000 certification and strategic alliances with international industry leaders, which encourage continued development of all operational systems, staff training programmes and technology.

It also ensures screening so that designs meet all internationally accepted safety regulations and standards.

Through this pursuit of quality and self improvement Mercer Stainless will continue to set new standards in all areas of metal fabrication.



## HOPPERS

Mercer Stainless Ltd can manufacture a range of hoppers for specific requirements.

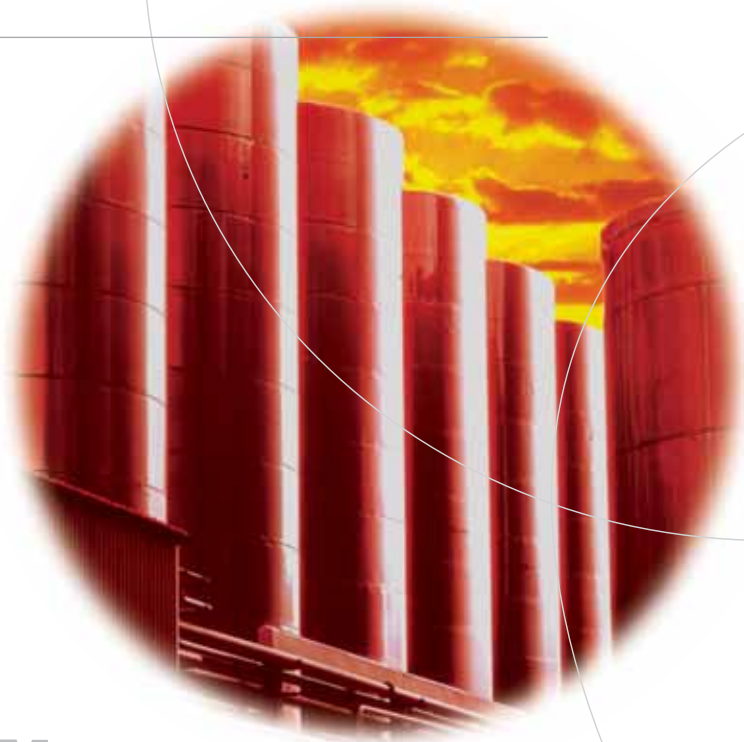
Based on a long standing experience, Mercer Stainless is able to provide clients with a full design service that allows for the most exacting customer requirements.



## TANKS AND SILOS

To meet customer specifications Mercer Stainless have the in-house capability to produce silos and tanks up to a capacity of 400,000 litres plus, and can provide for specific requirements in relation to heating, cooling and agitation.

Minimum hygiene standards include welds that allow for no bacterial growth and CIP (cleaning in place) sprays to ensure thorough cleansing of vessels without any risk of product contamination.



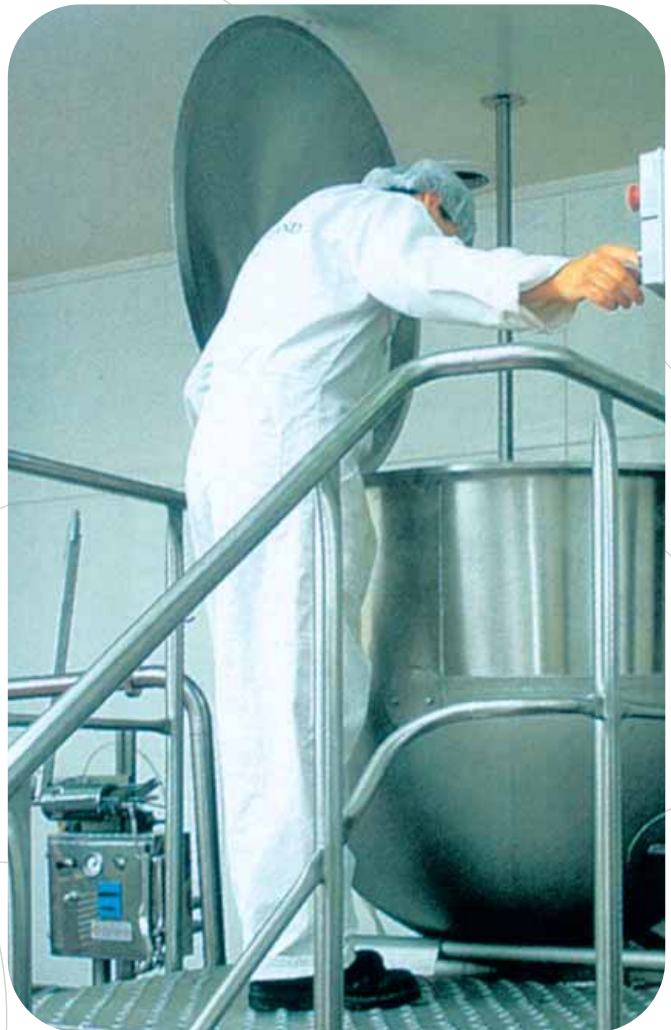


# FOOD COOKING AND PRESSURE VESSELS

Custom designed pressure vessels are fabricated for a range of applications and industries.

Designs can allow for pressure by either steam, hydraulic or pneumatic means and are manufactured to the appropriate code ie: BS5500, ASME VIII, AS1210.

Industry applications range from industrial jacketed pans for the food industry, process vessels for the chemical and pharmaceutical industries, to bulk container vessels for road, ship or rail transportation.



## T R A N S P O R T

Mercer Stainless Ltd manufacture stainless steel tankers for many industries. Proven engineering designs are available to accommodate any fluid or powder product.

These include 50,000 litre milk rail tanks, which illustrate the Mercer manufacturing capacity.



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## P R E S S U R E V A C U U M V A L V E

Mercer Stainless have developed a pressure vacuum valve that is a single alternative to the numerous vents and valves currently used to offer protection for road tankers.

The Mercer PV Valve offers in a single valve, a vent for normal volume changes during routine operations, which also provides pressure and vacuum protection in potential failure situations, as well as protection from overfilling, should an already full tank continue to be filled.

The Mercer PV also offers a solution to the problem of on road leakage caused by product surge because of the incorporation of a dwell time in the pressure relief.

All Mercer valves are able to be fitted with a CIP spray jet on top of the valve. For those installations where the CIP pipe header is inside the tank, cleaning is available through the addition of a directional cleaning jet positioned immediately under the valve. External pipe work is easily connected to the valve via a Teflon tube to the spray nozzle.





## A I C O M A T E R I A L S H A N D L I N G

The AiCO division of Mercer is an innovative engineering company who manufacture high-tech materials handling systems with particular strengths in the meat and food processing industries and a strong presence in the dairy and fellmongery sectors. AiCO's base products include very high speed carton erectors, lidding machines and custom designed conveyors.



Recent company developments include an automatic pelt measuring machine, a versatile but low cost carton & lid machine for fruit and produce and a compacting machine for improving the way cartons are presented for containerisation. AiCO exports a significant volume of equipment to Australia and holds a Tradenz Export Award.

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## S I T E W O R K



Mercer can supervise all aspects of the on-site installation and then offer a maintenance programme, if required.

During installation everything is taken care of, including the supply of all pre-fabricated parts (from within Mercer and outside), labour requirements, any deliveries to the site, and all on-site manufacturing and installation.

Mercer has supplied and installed processing equipment along with our own manufactured components on local and international fishing vessels.



## GENERAL JOBBING



Mercer Stainless Ltd are very capable of designing any items of equipment that our customers require and pride ourselves on "solving our customers problems".



Mercer also manufacture a variety of equipment designed by our customers, for which we receive manufacturing drawings.



## DISHED ENDS

The highest quality dished and flanged ends, to virtually any pressure vessel standard or code requirement, can be manufactured right here at Mercer.

Therefore, a very wide range of end (head) shapes, can be custom fabricated, with up to 16mm stainless steel or as much as 20mm in mild steel.

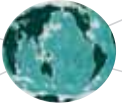
The end result is that you save time and money, by getting your quality Dished or Flanged ends from Mercer Stainless.

## ARCHITECTURAL



Mercer manufacture a range of architectural fabrications from wind trees to fountains.





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