



75 Years of experience and know how

Profile

4000m³ 17.0m Dia Gold Leach tanks

Mixtec International has seven manufacturing plants strategically placed around the world to give you, our customer, the service and fluid mixing technology that you require, when you require it.

Each plant has its own research and development as well as design, engineering and commissioning personnel who are trained to solve your mixing problems with the latest fluid mixing technology.



For 75 years, the Mixtec group has been engaged in mixing technology. Since 1930 as Kestner Industries, UK Mixtec has been committed to quality, reliability and service

Mixtec Agitator shaft coupling and support collar

Whether your requirements are simple blending of solids suspension to the more exacting standards of multiple complex reactions, Mixtec has the capability and experience to suit your needs.

Mixtec's proven track record of thousands of installations around the world bears witness to our success and our commitment to good mixing practice.



Good Mixing practice starts with product research and development



This enables Mixtec to produce custom made equipment and cost effective solutions to your mixing problems.

Our laboratory can guide you in the correct selection of impeller systems as well as in-tank items such as Sparge ring design and baffle arrangements.



Complex fluid flow and gas dispersion test rig.

Research into optimum tank characteristics-baffling-inlet-outlet configuration and optimisation of gas sparge.

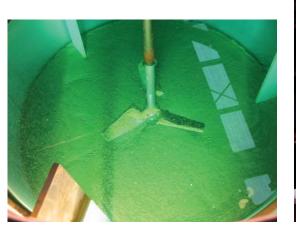
Over a period of many years Mixtec has developed new impeller systems and improved on existing agitator duties in all major industries.





Solid suspension test work on Copper leaching application.

Mixtec is in constant contact with operators and all important research institutes around the world in order to offer the very best solution to your agitation problems Using established scale up procedures accurate and predictable process results are obtained.



New gas dispersion impellers and sparge rings under test





Good Mixing practice - selecting the right drive for the job

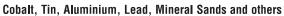


Robust drive casings on the Series 4000 after stress relieving and NDT testing

Mining and Refining Agitators for all duties



Gold, Platinum. Uranium, Silver, Copper, Nickel, Zinc





In 1980 thirty 75kW draft tube agitators were supplied to Rand Mines Milling and Mining for the processing of Gold Dumps

around Johannesburg, South Africa.

Using the new CIP Adsorption technology these units have now treated over 50 million tonnes of rock resulting in the recovery of over 40,000kg of Gold



Mixtec has extensive knowledge of solvent extraction pump secondary

75kW Precipitation Reactor

Process duties require an efficient and reliable solution. Mixtec has the track record, technology and equipment

Chemical and Industrial mixing applications



Chemical processing has some of the most varied and difficult agitation problems.



Chemical plant. Malaysia



Series 1000 units on paint blending duty



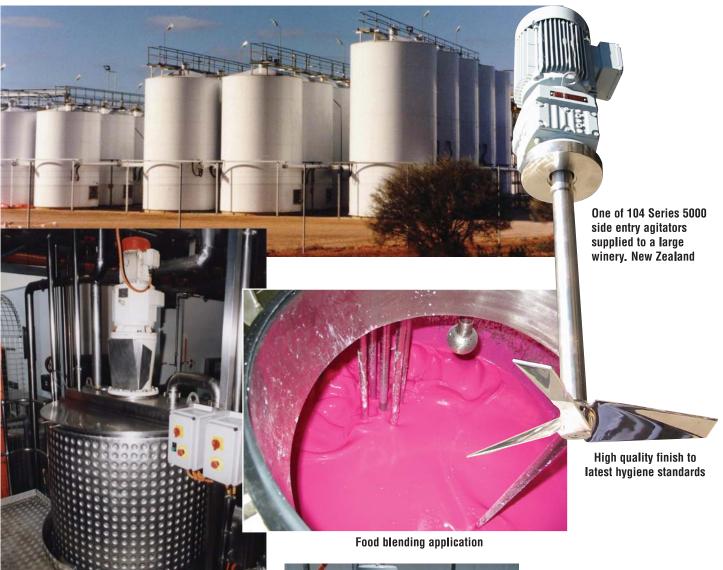
Special solvent extraction column with 28 stage counter current agitation



Large HA 735 impeller in a high pressure, high temperature autoclave

Series 2000 agitator on a crystalliser duty

Dairy Food, Beverage and Pharmaceutical industry



Series 2000 on a soup cooker.



Also available:

- In-line static mixers
- Jet and eduction mixing
- High viscosity blending
- Sugar pan circulators
- High Speed dispersion



Water Treatment and Environmental



Series 1000 on flocculator duty - USA



1992 major installation of anoxic and anaerobic agitators. For over 30 years Mixtec has supplied thousands of agitators to the Water Treatment industry

Clean water is precious and water care is rapidly becoming one of the worlds major problems.

Mixtec has been at the forefront of many water treatment processes due to its continual research and development.







Engineering and Fabrication



Large agitator couplings being manufactured to tolerances of less than 0.01mm for accuracy and control.



All agitators are manufactured using the latest international standards for mixer design, to produce a rugged well constructed agitator backed by a solid mechanical and process guarantee.



Complete assembly of all components before despatch

Series 5500 side entry





Around the world with Mixtec - We are committed to you



Chemical plant - Brazil



Gold plant - South Africa



Zinc storage - Namibia



Back fill - Indonesia



Beverage storage - Australia



Mineral Leach tank - USA



Water treatment - China



Paint plant - New Zealand



Paper and pulp side entry mixers - UK

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