

Market leaders in Waste Water
and Portable Water Treatment

A large-scale industrial food processing facility with numerous stainless steel pipes, tanks, and machinery. The scene is brightly lit, showing a complex network of industrial components. A semi-transparent blue box is overlaid on the lower half of the image, containing the title text.

Food Industry Pumps

PRODUCT GUIDE



About Us

Supplier of market leading products & technical engineering services for Polychem Scraper Systems & Power Transmission Products.

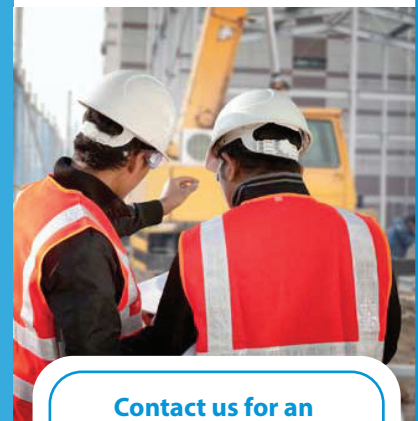
Tank Enviro Systems was established in Australia as the exclusive distributor of Brentwood USA – Polychem Systems and associated products.

Our team has over 85 years' combined experience in Non-Metallic and Metallic Scraper Systems and Power Transmission products to assist you with any queries or site visits to discuss your new projects. Our products & services include:

- Polychem Chain & Flight Scraper Systems
- Innovative Waste Water Treatment
- Tube Settler Systems
- Complete Gearbox/ Drive Systems
- Sediment Dredge System
- Skimmers & Scum Pipes
- Condition Assessment Reports
- Specialised Products
- 3D-Modelling & Design
- Site Services
- Power Transmission Products and more

Polychem products have been well known in the Waste Water Industry in Australia for over 25 years. As the premium selected Sedimentation Scraper System in the world, we are proud to be selected by Brentwood to increase the support to all current Polychem users and new customers.

Our Head Office and Warehouse are based on the Central Coast of NSW to provide distribution centrally for the East and South coasts of Australia. In order to expand our services to the West Coast, we have now opened an office in Perth to service local utilities and industry.



**Contact us for an
On-site Consultation
& Quote today.**

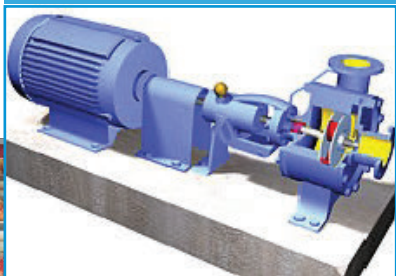
**NSW (02) 4328 1066
WA (08) 9303 4966**





Single Stage Centrifugal Pumps

- Water Transfer
- Chemical transfer
- Fluid loading
- Stainless steel food grade construction available



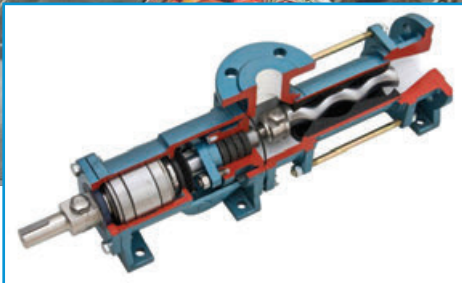
Rotary Lobe Pump

- Water Transfer
- Chemical transfer
- Fluid loading
- High and dry water/ waste water transfer
- Sludge transfer
- Pumping direction can be changed as required
- DAF system sludge removal
- Clarifier sludge removal



Self Priming Electric or Engine Driven Pumps

- High and dry water/ waste water transfer
- Auto stop/start Emergency pumps
- Stainless steel and hardened material construction available



Our Products

Progressive Cavity Pumps

- Food and Hygienic product transfer
- High Temp applications (eg Tallow)
- High Pressure applications
- Water Transfer
- Chemical transfer
- Fluid loading
- High and dry water/ wastewater transfer
- Sludge transfer
- DAF system sludge removal
- Clarifier sludge removal
- High Temp applications (eg Tallow & Boiler water)



Multistage Centrifugal Pumps for Pressure Boosting

- Water mains boosting
- Chemical transfer into pressure mains
- Ground's area irrigation
- Equipment wash down applications



Submersible Centrifugal Pumps

- Waste Water pit applications
- Stormwater pit dewatering

Pump Commissioning & Diagnostic Services

- Post installation pump system check
- Diagnostic services on all pumping systems
- Ongoing monitoring where required



Macerators and Grinders

- Protect pumps and systems from entangled materials and blockages
- Disintegration of organic matter for increase in biological activity in wastewater
- Maceration of food product

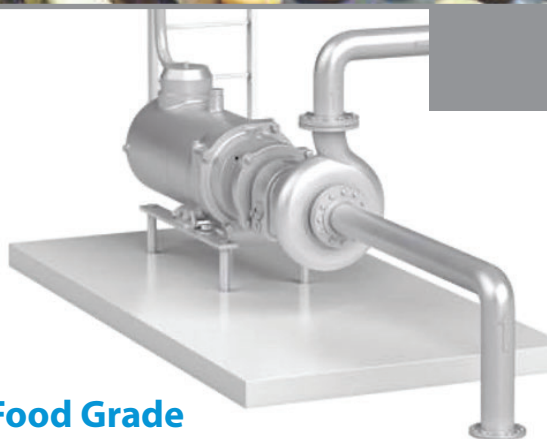


Pump Application Selection Services

- Pump selections from a huge range to suit project budget
- System recommendations to increase efficiency
- Running cost estimates
- Pump construction material recommendations
- We will select the right pump for the job

Food Grade Process Pumps

- Hygienic Application for Industries such as Food, Pharmaceutical, Cosmetic & Biotechnology
- Pumps for High Pressure & Viscous material
- Can supply Hopper Pump Feeders to suit any application

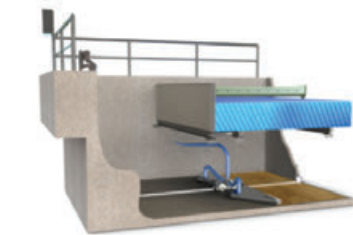


Automation, VFD and Control Panels

- Automatic pumping systems
- Variable speed pumping systems, controlled by pressure or flow
- Pump protection (Temp, Flow & Pressure Shut down)
- Back to base monitoring
- Pit Level sensors
- Pump run data collection



Other Products & Services



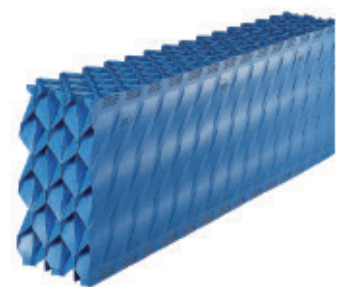
SedVac

The SedVac Sediment Dredge System is a sludge removal system that effectively cleans the basin floor by removing the compression zone layer of sludge.



Collector Systems

Supplying the market leading range of Brentwood Collector Systems. Polychem non-metallic collector systems have earned a reputation as the industry standard for performance and reliability.



Tube Settler

Tube settler systems are an inexpensive solution for drinking water and wastewater plants to increase treatment capacity, reduce new installation footprints, improve effluent water quality, and decrease operating costs.



Enviro Systems

WATER > PROCESS > INNOVATION

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Wangara, WA 6065

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**For more information on
how we can help you,
visit tankenviro.com.au**



**MECHANICAL
EQUIPMENT
GROUP®**

MEG, Mechanical Equipment Group, was established as an identity to bring together our specialised companies; Chain & Drives, Inquip, Techquip, Automation & Control, Parts Book & Tank Enviro Systems and provide our clients with the complete solution for mechanical equipment & engineering services.

Our goal is to provide Design > Supply > Installation > Maintenance across a large range of industry sectors utilising Bulk Materials Handling and Power Transmission.

Our team provides 24/7 experienced personalised technical service and direct e-commerce access & supply solutions to our manufacturers & supply partners globally through our newest company, Parts Book.

With the advantage of five companies, MEG now provides a larger range of quality & great value products, technical 3D-design, advice, installation & maintenance services; both on our premises or onsite within Western Australia and New South Wales; to our ever growing customer base.



POWER > SPEED > TORQUE



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