


High-tech operations in Kunshan, China

A modern, purpose-built facility for manufacturing and servicing performance-critical pumps and motors





Cutting-edge design,
engineering, and
manufacturing in a
custom built,
state-of-the-art facility.

Capabilities include:

- Local manufacture of a range of pumping equipment including sealless pumps and motors
- Refurbishment, upgrade and replacement of any wet wound pump and motor from any OEM
- Dedicated field service and design engineering team to troubleshoot and provide Root Cause Analysis
- Supplier of spare parts for existing HT installed base and non-OEM wet wound motors

FEATURES

3,250 m²

**OF MANUFACTURING
SPACE**



A purpose-built manufacturing facility serving China, Southeast Asia and Australia

Our brand new, state-of-the-art manufacturing and service facility in Kunshan supports Hayward Tyler's global leadership in sealless pump technology while providing service to the full range of single-stage and multi-stage pumps used across the energy industry.

The new facility is capable of manufacturing, testing, installing, and commissioning a wide range of high-performance pumps and motors for the most critical applications. In partnership with our global operations in Europe, USA and India, this facility is positioned to offer best-in-class manufacturing as well as local support in China and Southeast Asia.

24-hour rapid end-user support, as well as dedicated field service and engineering service teams, are positioned to quickly assist our customers in the power, oil & gas, and chemical industries, helping to minimise plant downtime and maximise equipment availability.

Service and Reverse Engineering

We have the expertise to reverse engineer spare parts from your existing pump and motor. This includes everything from basic concentric shapes to complex geometric components like impellers.

Using advanced inspection and scanning equipment, we start by creating 3-D models of existing components. Our design team then verifies the critical features and properties of the parts to ensure the original design intent is maintained or improved. From there, we can offer upgraded designs or materials to improve the reliability of your existing pump and motor. By developing 3-D models, we reduce the manufacturing time for replacement parts, allowing for quicker turnaround for complete repairs.

Parts Storage

Sufficient spare parts storage in the workshop for overhaul and repair jobs, which guarantees a competitive lead time.



Dedicated Design Engineers

Our highly-experienced design and manufacturing engineers are on site to provide technical expertise on all contracts.

DEDICATED TO CHINA AND SOUTHEAST ASIA

- Commitment to provide local rapid aftermarket support
- Dedicated field service and design engineers
- Specifically-designed facility for original equipment manufacture and aftermarket support

OVER
590
INSTALLED BCPs
THROUGHOUT CHINA &
SOUTHEAST ASIA

Inspection and Testing

ISO 9001 quality programme with the ability to carry out the following testing:

- Insulation Resistance
- Hydrostatic Testing
- Light Run Test



KEY FACILITY CAPABILITIES:

Full range of machining:

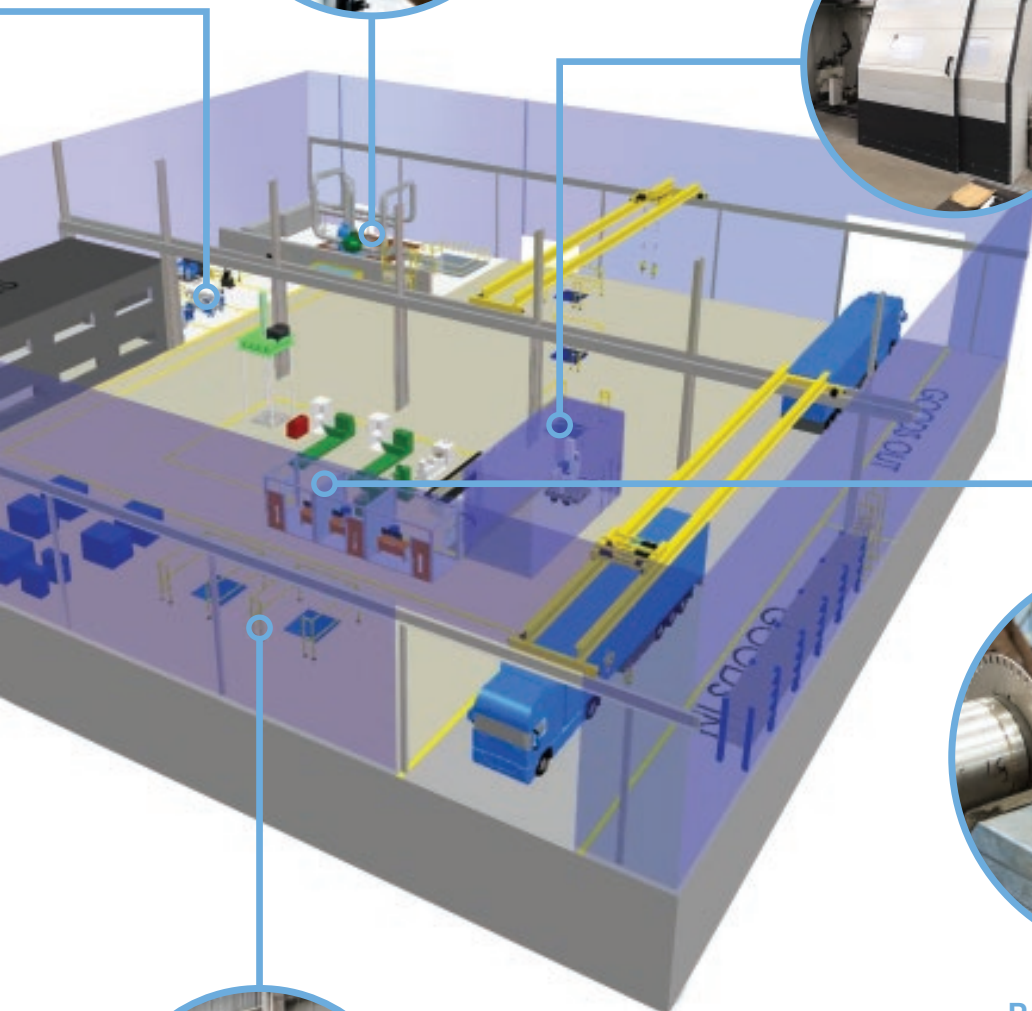
- Horizontal boring
- CNC drilling and milling
- Turning
- Dynamic balancing
- Surface grinder

Testing:

- Core loss
- Insulation resistance
- Light run testing
- Hydrostatic testing
- Pump performance
- ISO 9001 accredited

Machining

Our new factory features CNC machines for boring, milling and turning, as well as sand blasting, ultrasonic cleaning and pressure washing equipment.



Rotating Assemblies and Balancing

We can refurbish or manufacture new electrical rotors and pump shafts for a variety of pumps and motors — and we can dynamically balance rotating equipment to recognised international standards.

Pump and Motor Assembly

Our 25-tonne crane capacity and deep servicing pits are designed to help us efficiently assemble and service large pumps and motors.



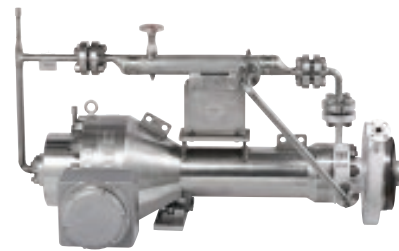
INDUSTRIES SERVED

Power

Through Hayward Tyler Kunshan and partnerships across the Hayward Tyler Engineered Pump and Motor Division we have solutions for the following applications:

- Boiler Water Circulation (Wet or Dry Stator)
- Gas Temperature Control (Wet or Dry Stator)
- Closed Cooling Water (OH2, BB1)
- Condensate Extraction (VS6)
- Lube Oil Pumps (OH2, VS4)

API CONFIGURATIONS		
Overhung	Between Bearing	Vertical
OH1	BB1	VS1
OH2	BB2	VS2
OH3	BB3	VS3
OH4	BB4	VS4
OH5	BB5	VS5
OH6		VS6
		VS7



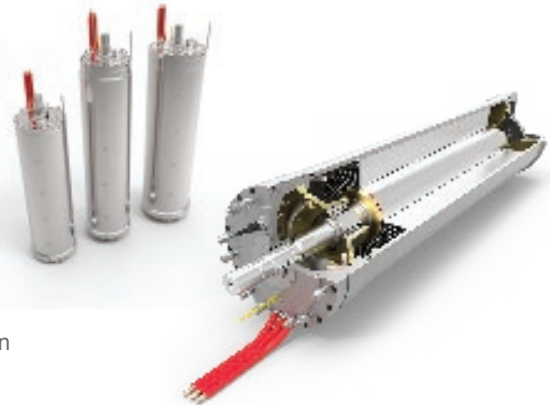
Oil & Gas

Submersible Pumps and Motors

Our submersible pumps and motors are ideally designed for Sea Water Lift (SWL), Fire Water Lift (FWL) and Ballast Water applications on all offshore installations including:

- Fixed platform
- TLP
- Compliant tower
- SPAR
- Mini TLP
- FPS
- FPSO

Motor power: 4kW-2.5MW
Pump flow: up to 9000l/min
Pump head: up to 270m



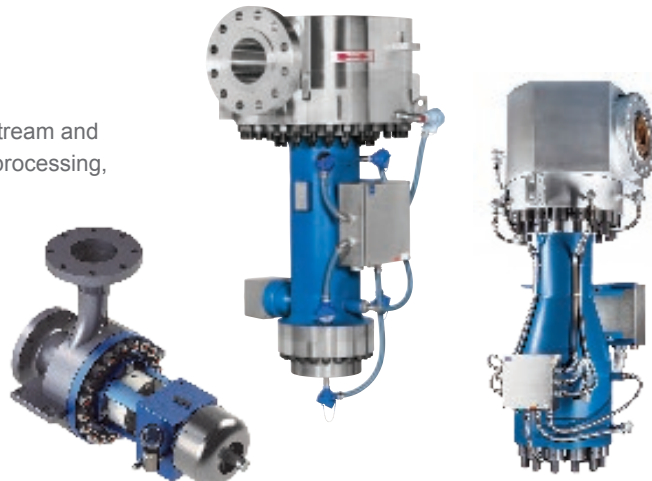
Chemical Refinement & Processing

Canned Motor Pumps

Our Canned Motor Pumps are ideally suited for upstream and downstream chemical and hydrocarbon feed stock processing, including Steam Cracker and Methane Reformer.

Applications include:

- 1,4-Butanediol
- Epichlorohydrine
- Hot Oils
- Hydrogen Sulfide
- Chlorosulfonic Acid
- Caustic
- Carbon Tetrachloride
- Methanol
- Anhydrous Ammonia
- Benzene
- Dimethylamine





Full service, repair and spare parts

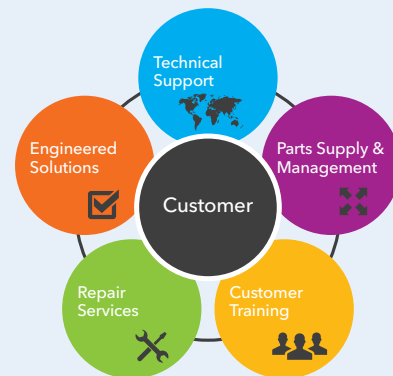
The capability to provide all service and spare parts to our customers in China, Southeast Asia and Australia

We are dedicated to providing aftermarket support to our installed base, but also to repairing and upgrading other manufacturers' equipment. Our new facility demonstrates our commitment to providing local support and upgrades to China and Southeast Asia, and also to Australia.

Our new facility in Kunshan gives us the ability to manufacture spare parts as well as execute complete overhauls. Our dedicated field service team can be deployed to your location to carry out work on-site, backed by the resources of our design engineers for any issues they may encounter.



Strategically located to serve China, Southeast Asia and Australia



For further information on Hayward Tyler products and services, please contact us at a location below or visit:

www.haywardtyler.com



HAYWARD TYLER

Engineered solutions for the global energy sector

UNITED KINGDOM

Hayward Tyler Ltd
Luton, United Kingdom

+44 (0)1582 731144
luton@haywardtyler.com

USA

Hayward Tyler Inc
Vermont, USA

+1 (802) 655 4444
vermont@haywardtyler.com

INDIA

Hayward Tyler India
Haryana, India

+91 129 251 3579/251 0124
delhi@haywardtyler.com

CHINA

Hayward Tyler Kunshan
Kunshan, China

+86 512 57723311
kunshan@haywardtyler.com



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