

Hayward Tyler (Pumps) Kunshan Co. Ltd are the world leading experts for installation, preventative maintenance, overhaul and repair of **Glandless Boiler Circulation Pumps**.

HTPKL is the only OEM facility in China and this leading brand is a wholly owned foreign enterprise, financed & supported by the **Hayward Tyler Group** from the United Kingdom.

Hayward Tyler has supplied in excess of 400 BCP's to thermal power stations in China. We are therefore ideally placed to provide a comprehensive range of services for equipment manufactured within our Group but also those of other brands.

Capabilities include:-

- Supervision of Installation & Commissioning
- Disassembly & Inspection
- Failure Analysis
- Stator Rewinding
- High Voltage "Flash" Testing of Stator Windings
- Rotor Balancing
- Large Inventory of **Genuine Hayward Tyler** Parts
- **Stator Exchange Programme** for many motor sizes
- Technical Support

High Voltage Testing of Stator Windings

All rewinds are carried out using imported wire, meeting or exceeding the manufacturers original specification. Before winding commences each length of winding wire is “flash tested” to ensure there are no defects in the winding wire. Once the various winding coils have been completed, but prior to jointing, the wires are again “flash tested”. Assuming all is well the winding joints are made and the terminal gland mouldings connected. The complete stator assembly is then again “flash tested” for the third time. This procedure ensures that every rewind motor that leaves the Kunshan facility meets the exacting requirements of the original design & quality procedure.



Rotor Balancing

During the repair process and especially after new shaft sleeves, impeller or thrust discs are replaced and the entire rotating assembly is checked for dynamic balance condition and if necessary the assembly is machined to correct any out of balance condition. All new impellers & thrust discs are independently dynamically balanced at our factory in England prior to despatch to ensure that they can easily exchange with damaged or worn components.



Disassembly & Inspection

The Hayward Tyler Kunshan facility has state-of-the-art service facilities in China. The workshop is equipped with all the necessary machine tools and equipment to disassemble, inspect, repair, rebuild and test any make of Glandless Wet Stator Boiler Circulation Pump



Stator Rewinding

Hayward Tyler winding is among the best in the world. All motors are hand wound using high grade XLPE insulated winding wire of up to three layers. We are able to undertake simple electrical joint repairs or a complete stator rewind.

The innermost layer is a semi conducting layer designed to reduce the electrical stresses. This is covered by a thick electrical insulation layer which is then finally sleeved to provide mechanical protection. All replacement Terminal Gland Mouldings are imported from our factory in England.



Supervision of Installation & Commissioning

Backed by Hayward Tyler resources worldwide, including India, USA and UK, our Chinese Field Service Engineers are among the most experienced within the Hayward Tyler Group, having supervised the installation & commissioning of over 50 boiler installations (150 pumps).

This service is not only confined to new pump/motor installations but can be extended to pump/motors overhauled or repaired at our Kunshan facility. Several end users have learnt to their cost that it is not enough to have the equipment expertly repaired only to have it installed incorrectly by inexperienced installation teams. This photograph shows how the pump impeller has been crushed & rotor shaft bent by incorrect installation resulting in further costly & lengthy repairs. Hayward Tyler Pumps (Kunshan) is the only domestic repair company able to offer such expertise, service & support.



Large inventory of Genuine Hayward Tyler Parts



Our Kunshan facility holds a large inventory of GENUINE **Hayward Tyler** spare parts and includes stocks of ancillary items such as RTD probes, temperature controllers, flow/switch indicators & stud tensioning kit spares.

Genuine **Hayward Tyler** spares are the only choice for the discerning buyer. The quality of the parts will guarantee long life and greater efficiency for your pumps. Genuine parts are only available through **HTPKL**.



Stator Exchange Programme for common motor sizes

As well as offering a full electrical rewind service, either at Kunshan or at the power station, the end users can now, in many cases, benefit from the Hayward Tyler *Stator Exchange Programme*. A stock of the most common sizes of stator (either new or refurbished) are held at the Kunshan facility enabling a speedy change of the stator cartridge assembly minimising the time taken to repair a damaged motor whilst ensuring that the motor is only serviced to the original manufacturing/design specification using genuine spare parts. This service is only available through Hayward Tyler Pumps (Kunshan) Co., Ltd. Full details of the *Hayward Tyler Stator Exchange Programme* are available on request.

Long Term Maintenance Agreement

Don't wait until your equipment breaks down to talk to us. Contact us now to learn of the benefits of a long-term maintenance agreement with HTPKL.

Peace of Mind

Hayward Tyler is an internationally recognised brand that is synonymous with high integrity products and services. Many others try to imitate our high standards but fail to deliver the long lasting solutions that make Hayward Tyler the **leader in the market**.

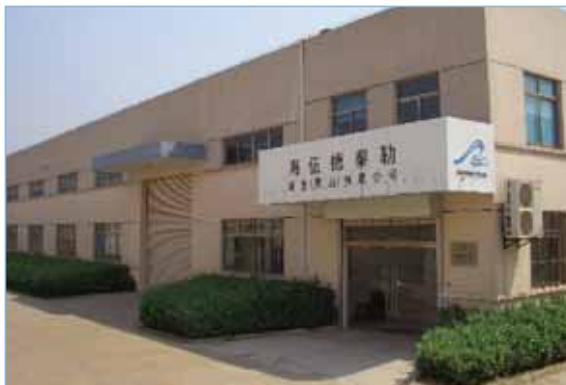
Our expertise in providing a full aftermarket support for Glandless Boiler Circulation Pumps makes us the ideal choice for servicing **other rotating equipment**, whether it is manufactured by Hayward Tyler or any other OEM.

Other products we service include:-

- Submersible Pump/Motor units for Offshore Oil & Gas and Subsea Applications
- Varley Gear Pumps
- Centrifugal Pumps for the Petrochemical Industry

Technical Support

Hayward Tyler has access to original design, manufacturing and test records for all our pumps, enabling a quick selection of spare parts and analysis of operational problems.



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