

Capability Statement

Company Information

Established in 1815 in London, UK, Hayward Tyler Luton is a global leader in the design and manufacturing of motors and pumps. With more than a century of expertise in submersible motor technology—dating back to our first production in 1908—we have built a global reputation for delivering high-performance, efficient, and reliable solutions.

Our extensive capabilities enable us to support even the most demanding applications, meeting industry standards such as ASME, PED, CE, and API. We provide comprehensive design, engineering, manufacturing services, and pre/post sales support. Whether working with OEMs or offering reverse-engineered solutions for non-OEM products, we bring innovation, flexibility, and excellence to every project.

Core Competencies

Motors

- Submersible Motors
 - Seawater Lift Pumps (SWL)
 - Fire Water Pumps (FWP)
 - Subsea Motors
 - Subsea Trenching & Mining (ROV)
 - SUMO
- Remote Maintenance Units
- Wet Stator (WSU GMP)
- Dry Stator (DSU Canned Motor)
- Secondary Propulsion (SPMs)
- Peerless Open Line Shaft – Horizontal
- Oil-Filled

Centrifugal Pumps

- Reactor (Internal)
- Controlled Leakage Pumps
- Various Mounting Type Centrifugal Pumps
- Refinery and Chemical Pumps
- Varley Gear Pumps

Engineering Services

- Pressure Vessel Design to PED H1&H2
- ASME B&PV Section 1, VIII (Div 1 & 2)
- FEA / CFD Analysis
- Nuclear Specification Writing
- Machine Design
- Performance Testing

Differentiators

Design, manufacture, service, and repair of Speciality pumps and motors for Power, Nuclear, Process, MOD, and Chemical Applications.

- More than 200 years of engineering experience
- UK & Europe supply chain with in-house manufacturing (UK)
- In-house design and testing (UK)
- 25-year service life products
- 13.8 kV high voltage and up to 6 MW power design capability
- Full lifecycle support programmes
- CE and UKCA marked
- Pressure vessel design to PED H1 & H2
- ASME B&PV Section 1, VIII (Div 1 & 2)
- API and IBR codes
- Condition monitoring systems
- Custom solution provider for high-temperature, high-pressure, difficult-to-handle fluids
- First-of-a-kind / one-off design and development
- Full life cycle support of products

