

**A&P
MACHINING**

**QUALITY & PRECISION
- AT THE HEART OF
EVERYTHING
WE DO**

We are **A&P**

INTRODUCTION

A&P Falmouth operates one of the most established machining facilities in the UK.

The facility is fully equipped to deal with complex large and small scale machining for the marine, utilities, energy, fabrication and oil & gas sectors.

The facility is underpinned by rigorous health, safety and quality standards and is recognised for its reputation of high quality and on-time delivery.

PROJECT MANAGEMENT

A&P Falmouth's machining capabilities are supported by a highly experienced project management team and a dedicated team of engineers.

All of our machining projects are completed onsite. The A&P team meticulously schedules and plans each project - reducing downtime and ensuring each programme of works is completed on time and to budget.

A&P's machining team is also supported by the A&P mechanical team - ensuring close collaboration between both departments.



HEALTH, SAFETY, ENVIRONMENT & QUALITY (HSEQ)

Effective HSEQ management is the cornerstone of operational success for A&P, underpinning every aspect of the group's activities. These high standards extend to our machining facilities.

With a culture of continuous improvement, A&P is always striving to ensure best practice and complies with the most widely recognised quality management standards, ISO 9001:2015, ISO14001:2015 & ISO 45001:2018.



**WORK SAFE
HOME SAFE**

The group is also committed to maintaining a safety culture amongst its employees, suppliers and clients through the Work Safe Home Safe (WSHS) initiative.

A&P has its own independent NDT and Quality Team, who are able to provide the following NDT/Inspection services:

- **Magnetic Particle Inspections**
- **Dye Penetrant**
- **Welding Inspection**
- **Thickness Gauging**

FACILITIES

A&P Falmouth operates one of the most comprehensive machining facilities in the UK and is renowned as a centre of engineering excellence.

Located within A&P's waterside facility, A&P Falmouth's machining workshop services vessels visiting A&P Falmouth. The facility also provides complex large scale machining and small scale machining to organisations in the utilities, drilling, energy and fabrication sectors in the south west, the UK and beyond.

A&P's machining facilities include:

- **3500m² mechanical workshop and machine shop.**
- **Substantial overhead crane capability allowing large or small machinery to be striped and components machined to extend their service life.**
- **18 general purpose lathes to accommodate up to 2.5m radius components up to 12m in length.**
- **Vertical and horizontal boring machines enabling components which cannot be rotated to be machined.**
- **Ability to accommodate components as heavy as 40 tonnes in weight.**



ACCOMMODATING TONNES IN WEIGHT

CAPABILITIES

A&P's machining facility is served by a full-time team of machinists who have been trained to operate our extensive range of equipment. A&P Falmouth is committed to retaining skills in the South West. A&P's full-time team of machinists also includes apprentices who are developing vital skills whilst they work alongside our team of experts.

The combination of our skills and facilities enables A&P to complete all projects onsite - saving our clients both time and money.



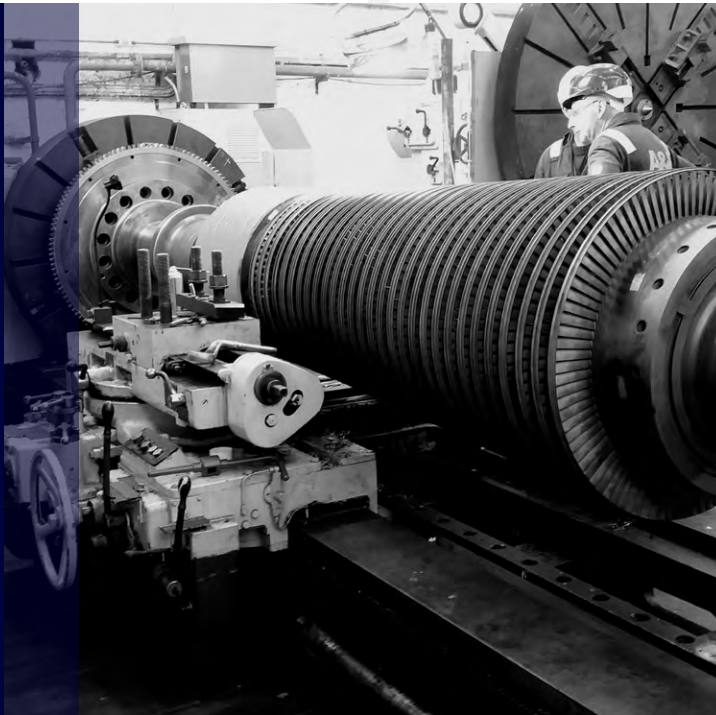
CLIENT: ANSALDO ENERGIA



WEEKS



MACHINING



A&P Falmouth overhauled two steam turbines for Ansaldo Energia as part of its service agreement for power station outage activities with Centrica, at Langage Power Station in Plymouth.

Each of the turbines weighed more than 20 tonnes and required specialist lifting and transfer by A&P's overhead cranes to access the machine workshop. Refurbishment work included stripping the components, precision machining, blasting and crack detecting to ensure the equipment could remain in service for another five-years.

CLIENT: UECC - RORO CARRIER AUTOSUN

United European Car Carriers RoRo Car Carrier, Autosun visited A&P Falmouth for its annual docking period. A significant element of the project included the overhaul of both Wartsila gear boxes and all major mechanical propulsion and steering components of the ship.



WEEKS



MACHINING



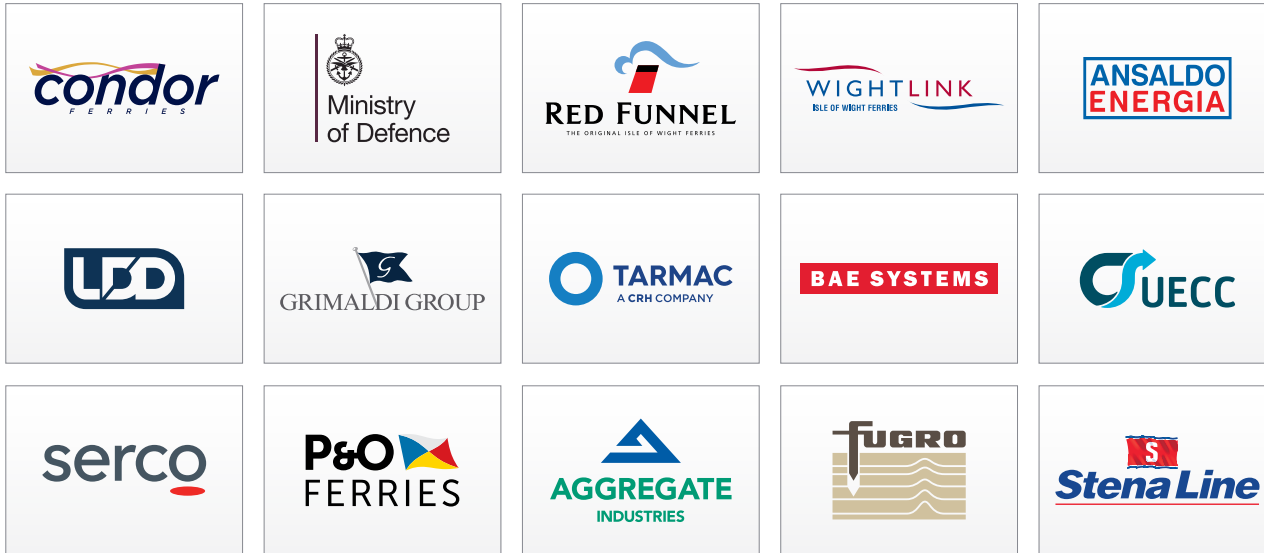
United European Car Carriers chose A&P Falmouth because of its ability to coordinate and complete all of Autosun's machining and mechanical requirements in one central location.

A large number of Autosun's components were removed from the vessel using A&P's specialist heavy lifting equipment and were transferred to the machine workshop for reconditioning.

The project was precisely coordinated by A&P's team of project managers who oversaw the removal and overhaul of the gear boxes, two stabiliser fins, tail shafts and hubs and reconditioning of these parts. The project management team liaised with A&P's mechanical department and created a schedule of works which ensured the works were completed efficiently minimising the downtime of the vessel.



Our clients include:



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