



ORMANDY
Offsite

MODULAR & PACKAGED SOLUTIONS



Packaged Designs, Products & Solutions

Ormandy has a wealth of experience in the design and manufacture of packaged equipment for the HVAC, Process, Marine and Offshore markets and is a specialist in the management of multi-disciplined projects from conceptual design to project completion.

Our design, estimating, procurement, production, QA and service departments work closely together as a highly flexible integrated team, in order to deliver a quality product on-time and within budget.

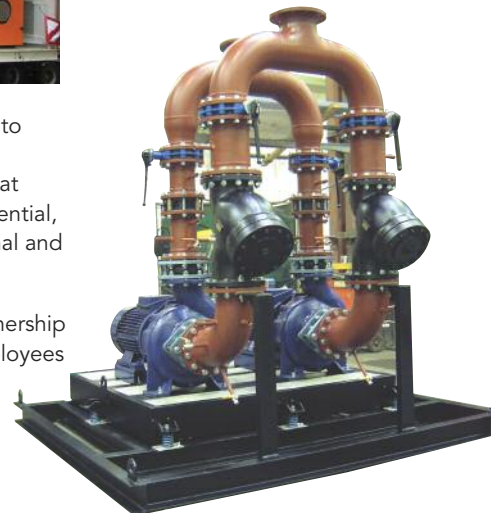
People are fundamental to our success and we have established a skill base of highly trained and experienced operatives in all disciplines.



Ormandy is committed to the development of its employees to ensure that they reach their full potential, resulting in a professional and motivated team.

Ormandy works in partnership with its customers, employees and suppliers, which we believe is a major factor in achieving economic success.

We openly encourage innovative thinking, the use of better methods and improvements in working practices, and continually strive for excellence in all avenues of business.



Buildoffsite Registration

Ormandy is a proactive member of Buildoffsite, the industry-wide, campaigning organisation that includes government, clients, developers, designers, contractors, manufacturers and researchers amongst its members. Buildoffsite works to promote the greater uptake of offsite techniques by UK construction.

The Buildoffsite Registration Scheme is operated by the Lloyd's Register Group and ensures best practice in terms of the safe and competent delivery of a product or services which meet the client requirements. As such, the scheme benchmarks offsite construction organisations

against the highest standards of best practice in terms of competency, methodology and safety.

Ormandy is very pleased to have received accreditation by the Buildoffsite Registration Scheme for both design and manufacture, demonstrating to clients and the industry that it operates to the high standards required. Ormandy is one of the first organisations to have been accredited for both design and manufacture.

To find out more about Buildoffsite, please contact Ormandy, and visit www.buildoffsite.com



Quality

Ormandy operates an ISO 9001:2000 Quality Management system, encompassing all commercial, design and manufacturing aspects of the business.

From initial design to the completed delivery and after sales support, approved procedures are implemented to ensure quality driven products and services are achieved.

All operatives are continually monitored against key performance indicators with customer satisfaction the driving force behind all aspects of the business.

“The overall look and feel of quality is excellent with very good attention to detail.”

Assurance

Ormandy ensures that all products are supplied in accordance with EC Directives including PED, CPD and ATEX. All electrical equipment supplied is compliant with the latest IEE regulation and fully in accordance with the relevant EMC Directives and carries the CE mark where applicable.

Welder approvals are carried out in accordance with BS EN 287-1:2004 and welding procedures are carried out in accordance with BN EN ISO 15614-3:2008. All procedures are regularly updated with test results endorsed by Notified Bodies and independent material laboratories.

For contract-specific requirements – or where the code of manufacture stipulates – Ormandy offer dye penetrant, non-destructive testing, x-rays and/or ultrasonic testing undertaken by appropriately qualified personnel.



These results, where required, will be verified by an Independent Inspection Authority and form part of the comprehensive certification documentation supplied.

The operation of Total Quality Management ensures full traceability of materials and procedures with an established route to ensure continual improvements throughout our operations.

Sustainability

Ormandy takes a proactive approach to the environment with packaging and waste materials recycled wherever possible.

Factory emissions are carefully monitored to ensure a safe working environment; manufacturing methods are regularly reviewed and updated to take account of changing technologies and legislation.

Where possible biodegradable products are used, and manufacturing waste is kept to a minimum by utilising mapping methods for profiled components.

Ormandy products are frequently supplied either incorporating or complementing sustainable technologies such as solar, biomass and rain water harvesting.



Why a Packaged Solution?

The packaged option delivered to site offers many benefits – from compatibility of components to the simplification of on-site project management.

Offsite fabrication is widely accepted within the construction industry as a key tool in the achievement of the improvement targets set by the 'Constructing the Team' and 'Rethinking Construction' Reports written by Sir Michael Latham and Sir John Egan.

Ormandy can offer a complete range of options, from a total packaged solution to traditional loose component procurement for on-site assembly. Ormandy is able to arrange suitable transportation and lifting facilities, to ensure on-site waiting and off-loading times are kept to a minimum.



Initial Concept Design

From basic information on flow rates, temperatures, system loads, materials and space restrictions, our skilled design team can offer swift mechanical, thermal, electrical and packaged solutions.



In the design stages, we endeavour to offer the most energy efficient design by ensuring synergy between all packaged components.

As a provider of packaged systems we have a unique overview of the entire process requirements.

Wherever practical, we are involved in the early stages of design, liaising closely with consultants, contractors and end users to ensure site-wide design integrity is assessed and implemented.

The Contract

All packaged designs are modelled in 3D using the latest AutoCad Inventor software. Drawings are available in electronic format, giving the client the flexibility to integrate Ormandy designs into their own system models.

Drawings detail the scope and critical dimensions of the package; manufacturing drawings and material take-offs are produced directly from client specifications; ongoing changes in the design are therefore reflected immediately in the manufacturing data, giving total synergy between design and production.



Project Engineers retain a close involvement with the production of the package to ensure that the client interface is maintained, ensuring design criteria are met and delivery targets achieved.

Production Selection

The design team selects individual components for the package, which are complementary in both size and mode of operation – thus offering the optimum design solution and lifetime cost benefits to the client.



The Service

Ormandy employees have a detailed knowledge of our markets and fully understand the requirements of contracts and the criticality of meeting client deadlines.

The team offers the customer optimum solutions throughout the contract, from initial concept until the package is delivered on-site and all final documentation has been signed off. The package and all individual components carry the standard Ormandy warranty of 12 months. Extended warranty periods can be negotiated to suit individual contract requirements.



In addition, Ormandy offers a full commissioning service and throughout the lifetime of the package can provide regular maintenance and servicing options.

Offsite Benefits

- High productivity
- Greater site safety
- Factory build quality
- Compact design
- Improved deployment of site labour
- Factory tested assurance
- Reduced commissioning time
- Improved deployment of site project management
- Accurate build to approved drawings

“Please forward my thanks to your fabricators who have produced a very high quality product.”



Packaged Plantrooms

Ormandy has specifically developed a range of packaged plantrooms made to meet the most stringent requirements of the construction industry.



The careful attention to detail, in conjunction with an independent and flexible approach to component selection, allows all aspects of project requirements to be met. All equipment is designed and assembled in a factory-controlled environment ensuring that we provide fast, efficient compact modular construction, minimising on-site labour and project control.

The modular construction approach allows larger systems to be supplied in sections for reconnection on-site.

The service provides a full project team incorporating all mechanical, electrical, acoustic and load considerations, along with effective use of space and maintainability of individual components. The packages being modular can contain boilers, pressurisation and booster sets, heat exchangers for primary and secondary water, circulating pumps, pipework including gas, with gas inlet solenoid valve, and electrical panels.

From receipt of specification, a formal design is developed by our team of specialised engineers. Working in close co-operation with the client Ormandy will develop a practical solution paying close attention to commissioning, operational, maintenance and decommissioning requirements.

Transportation and positioning of packaged plantrooms requires careful planning. Ormandy work closely with a number of specialised lifting contractors and can offer a contract lift option when required.

Once delivered, Ormandy can offer full commissioning and maintenance service.

Fire Pump Packages

Ormandy's extensive product range is complemented by our range of fire pump packages. We work closely with the pump manufacturer to deliver high quality diesel and electric solutions.



The packages are fully assembled, wired and tested at our works. Duty only and duty-standby options are available, these can either be stand alone skid mounted or fully packaged systems mounted in a weather and acoustic enclosure.

All Ormandy fire pump packages meet the requirements of UK and European legislation.



Electrical Controls



Ormandy design and manufacture a wide range of control panels to suit specific contract requirements. From basic pump motor starters to sophisticated controls incorporating fully integrated PLC based systems, Ormandy can provide a flawless solution. All panels are tested in accordance with agreed factory acceptance test protocol.



Facilities

Ormandy offers a wide range of materials and manufacturing processes. The following materials and processes are available but not limited to:

<p>Materials</p> <ul style="list-style-type: none"> Copper Copper Alloys Carbon Steel Stainless Steel Duplex Plastic 	<p>Mediums</p> <ul style="list-style-type: none"> LTHW MTHW HTHW Solar Ground Source Steam Gas Air Thermal Oil Oils Waste Heat Refrigerant 	<p>Manufacturing</p> <p>Covered shop floor area: 11 450m² Lifting capacity: 20 tonne single lift</p> <p>Fabrication Processes:</p> <ul style="list-style-type: none"> Cutting: CNC Plasma Rolling: upto 25mm thick Coiling: upto 50mm diameter Welding: TIG, MIG, SAW, MMA Brazing Bending: 3 metre press break Thermal Insulation
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“...we are very pleased with the plantroom skids, the complexity of the project with the limited space and tight access cannot be over-looked when appraising the overall finish. The skids fitted perfectly which is testament to your drawing department.”

Please visit www.ormandytld.com
to access comprehensive information on
Ormandy Offsite products and services.

The Ormandy Group: Ormandy Offsite / Ormandy Rycroft / Ormandy Electric
Ormandy H&S Boilers / Ormandy Newade / Ormandy Dreh / Ormandy Aquatherm
For full information on the Ormandy Group and all its products and services,
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