



Hodgkinson Bennis Ltd

Since
1872

FUEL-EFFICIENT COMMERCIAL AND INDUSTRIAL BOILERS
Designed ■ Installed ■ Commissioned ■ Maintained



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WORKSAFE



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Established in 1872, Hodgkinson Bennis Ltd is one of the most experienced commercial and industrial boiler specialists in the country. Serving clients across the North-West, North Wales and the Midlands, we offer the widest choice of installation and services on gas- and oil-fired boilers, and we are specialists in biomass and steam boilers.

Our team includes experts in design, assembly, installation, commissioning, and ongoing maintenance of industrial and commercial hot water and steam production plant. And we can work on a contract or ad hoc basis, depending on our clients' needs.

We continually strive to improve our knowledge and expertise. We keep up-to-date with developments driven by information technology. But we also keep a firm focus on engineering excellence.

Contact us today for a free, no-obligation quote:

Call: 0161 790 4411

enquiries@hodgkinsonbennis.engineering

www.hodgkinsonbennis.engineering



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INDUSTRIAL BOILER INSTALLATION & COMMISSIONING

BIGGER BOILERS, SUPERB SERVICE

For larger-scale units, we can get a new or refurbished boiler operational in the shortest possible time frame. As specialists in the field, we can provide a full turnkey project for your industrial boiler plant installation, or deliver specific parts of the required package.

From design and planning to installation and commissioning, we will take care of all the details and hand over a fully operational project to the project manager or client. And of course, we'll make sure that the system complies with all regulations.



TURNKEY PROJECT MANAGEMENT

Hodgkinson Bennis excels at delivering turnkey projects for new industrial boiler systems. By contracting us to deliver your turnkey project, you'll be benefiting from our extensive contacts book.

- We'll work collaboratively with a range of boiler manufacturers to scale the project to your needs
- Industrial boiler and plant design.
- Boiler, heating and hot water systems specification.
- Installation of industrial boilers, heating and hot water systems.
- Boiler house design and build.
- Refurbishment and adaptations to your existing boiler house.
- Installation and maintenance of storage tanks.
- Design, installation and commissioning of water treatment systems.
- All pipework for water, steam and gas services.
- Electrical installation.
- Commissioning.
- Health & Safety management.
- Appointment, oversight and management of all contractors.
- Coordination of regulatory approvals and sign-off.

COMMERCIAL BOILERS FOR ALL SECTORS

For smaller and medium-sized systems, we're experienced at keeping the hot water flowing and the air at the required temperature. We work in a range of economic sectors with a focus on improving energy efficiency and cost effectiveness. We can cover all commercial boiler installation and commissioning projects, including delivering turnkey projects, emergency repairs and ongoing maintenance contracts.

EDUCATION

SCHOOLS, COLLEGES & UNIVERSITY CAMPUSES

We work with education institutions of every size, from small rural primary schools to modern inner-city university campuses.

Buildings in the sector don't always have the most energy-efficient design. We'll work hard to make sure every heating and hot

water system is the best it can be. And we'll meet any site-specific requirements, from heating a swimming pool to maintaining appropriate heat and humidity levels in a library.

PUBLIC SECTOR

LOCAL COUNCIL & GOVERNMENT

In these times of close public scrutiny, the public sector must get value for money. Our work in council and local government property aims to deliver just that. In the past, public-sector facilities weren't designed with comfort in mind, whether that's a 1950s council office building or a

HEALTHCARE

CLINICS, HOSPITALS & THE NHS

It goes without saying that it's vital for healthcare facilities to have safe and reliable access to heating and hot water. We can work with facilities as diverse as a GP surgery and a major hospital. With our experience, we're able to make healthcare facilities more energy efficient while keeping

patients' feet warm and clinicians' hands clean. Healthcare sector-specific requirements require expert handling; for instance, we can work with hospitals to generate heat from clinical waste incineration.

HOSPITALITY

HOTELS, RESTAURANTS, BARS &

Keeping guests comfortable is of paramount concern in the hospitality sector. But the problem is that different areas require different temperatures. For instance, in a hotel, guest bathrooms must be kept warmer than bedrooms, which in turn should be warmer than communal

NT PROPERTY

Victorian prison.
We can work to overhaul existing heating and hot water systems to make them fit for the 21st century. And for brand new premises, we can design, install and commission future-proof systems.

SPAS

areas.
We can fit the latest in control systems to allow this to happen. And of course, we can install or replace all the bigger elements of heating and hot water system architecture too.

LEISURE

SPORTS & RECREATIONAL FACILITIES

The challenge in sports facilities is balancing the needs of a child splashing around in a learner pool against an adult sweating on a cross-training machine. We're here to deliver an energy-efficient solution for these heating, ventilation and air conditioning systems.

All the while, facilities need to have the health and safety of their customers front of mind, so we'll focus on such areas as storing hot water at the right temperature to avoid waterborne pathogens.

COMMERCIAL

OFFICES, PUBLIC SPACES & RETAIL

Maintaining a certain temperature in the workplace is part of every organisation's health and safety obligations. We can work to ensure that they meet their commitment with reliable boiler and control systems.

In offices, there may be issues with cooling to avoid overheating

IT equipment, while in retail units handling refrigerated food the opposite is often the case. We can help businesses to find energy-efficient ways of maintaining appropriate temperature across varied facilities.

BIOMASS BOILERS

SAVING THE PLANET, ONE BOILER AT A TIME

The boiler business is not just about fossil fuels. Increasingly it's worth looking at biomass as an alternative. We're experts in delivering complete turnkey projects for new biomass installations, and we also offer comprehensive services for emergency repairs and ongoing maintenance.

Our team of experienced biomass engineers can carry out installations nationwide, using various fuels and transport systems. We can advise on any current incentive schemes to offset the capital costs of biomass boiler installation. And whichever biomass fuel works for a specific project, we'll come up with a storage system that suits.

IS A BIOMASS BOILER RIGHT FOR YOUR BUSINESS?

Biomass has some clear advantages over other fuel types. Here we've outlined a few of them.

Renewable

Renewable energy sources are those that can be replenished after use. As wood and plant life can be regrown, it is a truly renewable source and therefore has the potential to far outlast traditional fossil fuels. Even so, unlike other renewable energy sources such as solar or hydro power, there's always the need to replenish stocks by replanting and avoiding such issues as deforestation or monoculture.

Carbon neutral

The amount of carbon released into the atmosphere is a major contributor to climate change. Biomass fuel is a natural part of the carbon cycle, unlike oil and other fossil fuels. The only carbon that is released into the atmosphere from biomass fuels is what was absorbed by the plants during their lifecycles. As these plants are replenished, new ones then absorb the same amount of carbon again, creating carbon neutrality.

Frees up supplies of fossil fuels

The more we use biomass energy, the less we need to depend on fossil fuels that are major contributors to climate change and other environmental issues.

The abundance of biomass materials available also far outweighs that of fossil fuels, making it a more readily available fuel source. Better yet, if non-renewable materials, such as oil, aren't being used for fuel, the limited supplies that we have can be used elsewhere.

Readily available

Biomass fuels are abundant. Much like with the sun and water, they can be found practically anywhere on the planet. This abundance means that we will not run into the issues that we currently have with fossil fuels when it comes to availability. However, it is also crucial that this abundance is maintained. While biomass fuels will always be available because they are part of the natural lifecycle of the planet, this should not lead to irresponsibility in their use.

Domestically produced

Biomass fuel can also take the control of energy production out of the hands of larger companies. This means that people no longer need to be beholden to power companies and their charges. The nature of biomass means that practically anybody could produce and use it on a domestic level. While this does take some work, even something as simple as burning wood instead of using a central heating system can save money and have a more beneficial effect on the environment.

INSURANCE INSPECTIONS

INSPECTIONS AND SAFETY TESTING YOU CAN TRUST

Our experienced team is here to undertake all necessary insurance inspections and safety testing for boiler and hot water systems. You can trust us to keep your staff, customers and service users safe, and demonstrate a sound approach to health and safety.

You can demonstrate your commitment to safe operations throughout the year too. With a regular preventative maintenance schedule in place, you can improve the likelihood that your system will pass inspection with flying colours.

All gas-fired equipment requires an annual certificate under the Gas Safety Regulations 1998 (Installation & Use). It's your duty as a business and employer to stay safe with gas if you have a gas-fired boiler. We are authorised to provide commercial gas safety landlord certificates under these regulations.

Under these regulations, you must ensure the system is maintained in a safe condition. This must prevent risk or injury to anyone on the premises. As well as the gas appliance itself, the regulations cover any installation pipework or flue installed at any place of work.



PRESSURE SYSTEM SAFETY TESTS

For steam boilers and high-pressure hot-water systems, the regulations are more onerous. You'll need to apply two sets of tests to meet the Pressure Systems Safety Regulations 2000 (PSSR). The PSSR aims to prevent serious injury from the hazard of stored energy in pressure systems. It covers safe design and use of such systems, to avoid the failure of an entire system or one of its component parts.

ANNUAL INSURANCE INSPECTION

We can remove, service, overhaul and refit valves in various materials. We prepare, clean and carry out repairs to the boiler shell or tubes, and thoroughly test the hydraulic systems. If required, we can calibrate any safety valves. And we'll check all types of heat exchanger and calorifier.

NON-DESTRUCTIVE TESTING (NDT)

We will help you prepare thoroughly for the NDT inspection. We will remove any refractory brickwork and/or lagging as required and prepare all the welds for testing, working alongside the inspectors until they are satisfied. In addition, we will replace the refractory and any removed lagging.

A photograph of an industrial boiler room. The scene is filled with large, complex piping systems, including vertical and horizontal pipes, some wrapped in insulation. In the foreground, there are large valves and machinery components, some with yellow electrical boxes. The lighting is somewhat dim, with highlights on the metallic surfaces of the pipes. The overall atmosphere is industrial and technical.

PIPEWORK MODIFICATIONS

ALL YOUR PIPEWORK NEEDS IN ONE PLACE

Whether you have a commercial or industrial boiler, it's also time to ensure your pipework is in good shape. The experienced Hodgkinson Bennis team is on hand to deliver a full range of pipework services.

From modifications and weld repairs, through to custom combustion engineering work, we can provide all your pipework needs. We work with a range of materials, from carbon steel, stainless steel and copper, through to plastic and exotic alloys. And we can work from our premises or directly on-site with you, depending on project specifications.



UPGRADES AND MODIFICATIONS

A new or upgraded boiler can mean that you need to modify your pipework. We can do everything from tweaks and fixes for modern systems to removing redundancies in older systems. Our upgrade and modification services cover gas, water, or steam pipework. What's more, we can also undertake large-volume fabrication projects. For larger-scale jobs, we can shut systems down, manufacture pipework ahead of time, and install while the system is cold.

ONGOING MAINTENANCE

Key safety measures are at the heart of all our pipework maintenance services. We'll include visual inspection of appliances' combustion ventilation and gas-leak detection as standard. We can also complete pressure-testing on low and medium-pressure installations, including large-volume systems.

EMERGENCY REPAIRS

Pipework malfunction often results from sudden seasonal changes in temperature. Our repair services include weld repairs and emergency boiler tube plugging. We'll complete any repair to the highest standards.

OTHER SERVICES

WE'RE NOT JUST ABOUT BOILERS

We're boiler design and installation experts, but we provide a range of other services.

For instance, we know that cooling of air and water can be as important as heating, so we cover air conditioning plant and water chillers and water treatment.

Similarly, it's no good having a boiler if you haven't got the utilities in place to keep it supplied, so we can undertake electrical and gas installation. And we know that sometimes organisations need temporary solutions, so we can arrange the supply of hire boilers.

YOU NAME IT, WE DO IT

Contact one of the team today to find out about our full list of other services, and to discuss your requirements around:

- Air conditioning installation & servicing.
- Air handling systems.
- All types of safety valves, pressure reducing valves, isolation valves refurbished and certified.
- BMS controls.
- Boilerhouse training (onsite).
- Chilled water installations.
- Circulation pumps.
- Cold water booster sets.
- Combustion and performance optimization.
- Condenser and calorifier replacement.
- Electrical installation.
- Gas and oil-fired burners.
- Gas and oil-fired water heaters.
- Gas and oil-fired air heaters.
- Gas installations.
- Gas tightness testing.
- Ground source and air source heat pumps, installation & servicing.
- Heating systems.
- Installation and maintenance of hire boilers.
- Solar panels, installation & servicing.
- Steam boiler and pipework installations.
- Steam trap surveys.
- Underfloor heating, installation & servicing.
- Ventilation systems.



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