GILĖS

Inžinerija

GILĖS INŽINERIJA

Custom-built mobile boiler houses in sea containers

We design, assemble and manufacture transportable heating solutions for industry, infrastructure, construction and temporary heat supply projects.

CUSTOM-BUILT

CONTAINER-BASED

READY FOR EXPORT

Catalogue for trade shows and export partners

About us

Gilės inžinerija, UAB is a Lithuanian private limited liability company specialising in engineering solutions. The company designs and manufactures specialised heating equipment, its components, and automation systems.

As part of Gilės Group, we combine expertise in energy resource supply, processing, and technological equipment manufacturing. This enables us to develop solutions focused on efficient energy use, reliable performance, and long-term value for our clients.

Our products are designed to deliver the highest possible thermal energy efficiency while using the fewest possible resources. In every solution, we seek the optimal balance between investment, operating costs, ease of maintenance, and user comfort.

A responsible approach to energy resources, environmental sustainability, and the application of advanced technologies are the core principles that guide us in creating solutions for modern and sustainable energy.

Who are the solutions for?

- Industrial companies and production facilities
- Construction sites, hangars, pavilions and warehouses
- Temporary or emergency heat and hot water supply
- Municipal, energy and infrastructure projects
- International partners looking for custom-built heating modules

Key value for the client

The client receives a tailor-made, transportable heating solution rather than a standard off-the-shelf product. Each boiler house is developed around the project's specific operating conditions, required capacity, selected fuel type, connection options and installation environment. Technical drawings and equipment configuration are prepared individually to ensure reliable performance, efficient operation and practical use on site.

Why a container boiler house?

Parameter	Value
Fast deployment	The boiler house can be prepared as a complete module that is easier to deliver and connect on site.
Mobility	The solution can be moved to another location or used for temporary or seasonal projects.
Custom configuration	Fuel type, capacity, automation, safety systems, fuel storage and additional equipment can be adapted.
Export-friendly format	The sea-container format simplifies international transport and project logistics.
Wide range of uses	Hot air, hot water and hydraulic heating solutions can be developed.

Cooperation process

1. Needs analysis
Site, capacity, fuel type and planned usage are assessed.

2. Technical solution
A customised concept and configuration are prepared.

3. Manufacturing & assembly
The container or mobile heating module is assembled.

4. Delivery & commissioning
The solution is delivered, connected and prepared for operation.

Typical applications

- Temporary heat supply during boiler house modernization
- Hot air supply for large premises and temporary structures
- Hot water production for construction, industrial or infrastructure sites
- Autonomous heating in locations without fixed heating infrastructure

Product examples

The examples below show mobile and container boiler houses manufactured according to individual customer orders. Each boiler house is designed as a customized solution, with its technical drawings, configuration and equipment selected separately for every project.

The final design depends on the client's operational needs, required capacity, preferred fuel type, installation conditions and other project-specific parameters. Therefore, the examples presented in this catalogue should be viewed as references of previously developed solutions, rather than standard ready-made products.

Mobile hot air or water heater for 400-2,000 m² spaces

A mobile diesel hot-air solution for large premises, pavilions, tents, hangars and warehouses.

Typical use:
Large temporary or semi-permanent heating areas

Parameter	Value
Dimensions	2.5 m x 1.5 m x 2.8 m
Fuel type	Diesel
Fuel tank volume	1,000 l
Fuel consumption at maximum output	19 l/h
Hot air supply at +42 °C	3,100-15,500 m³/h
Heated area	up to 2,000 m² or 6,000 m³
Air turbine performance	180 Pa air flow pressure
Thermal capacity	40-300 kW, indirect heating
Electrical connection	16A, 400V

Configuration

- Fire-extinguishing equipment
- Fuel pump with fuel metering
- Chimney, H-3.5 m from the base
- Flexible supply / extraction air ducts, 7.5 m
- Optional electrical generator
- Option to connect the chimney with a flexible indoor connection

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Hot air heater 15-90 kW for spaces up to 800 m² or 2,200 m³

A compact pellet-fuelled hot-air solution for smaller and medium-sized premises, up to 800 m² or 2,200 m³.

Typical use:
Pellet-based hot-air supply where compact dimensions are important

Parameter	Value
Dimensions	2.5 m x 1.5 m x 2.8 m
Fuel type	6 or 8 mm wood pellets, classes A+, A, A-, B
Fuel tank	230 kg
Fuel consumption at maximum output	22 kg/h
Hot air supply at +42 °C	3,100 / 3,700 / 5,500 m³/h
Air turbine performance	180 Pa air flow pressure / 550 W
Thermal capacity	up to 90 kW, indirect heating
Electrical connection	230V 50Hz / 400V

Configuration

- Fire-extinguishing equipment
- Automatic fuel slag removal
- Chimney, H-3.5 m from the base
- Air supply / extraction ducts, 7.5 m
- Optional electrical generator
- Fuel refill / delivery service

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Mobile hot water production boiler house with fuel storage

A mobile solution for domestic hot water production at sites requiring autonomous, temporary or additional hot water supply.

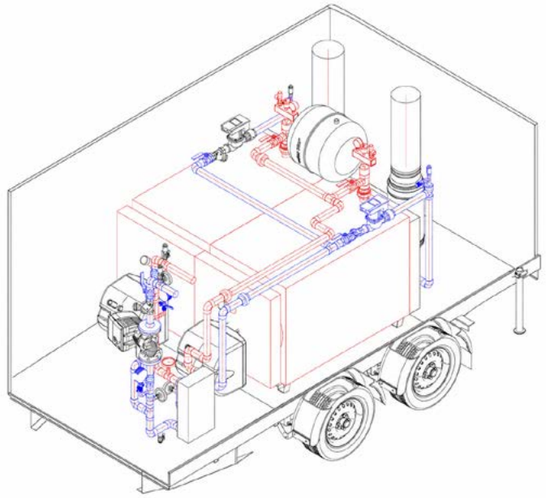
Typical use:
Temporary domestic hot water supply

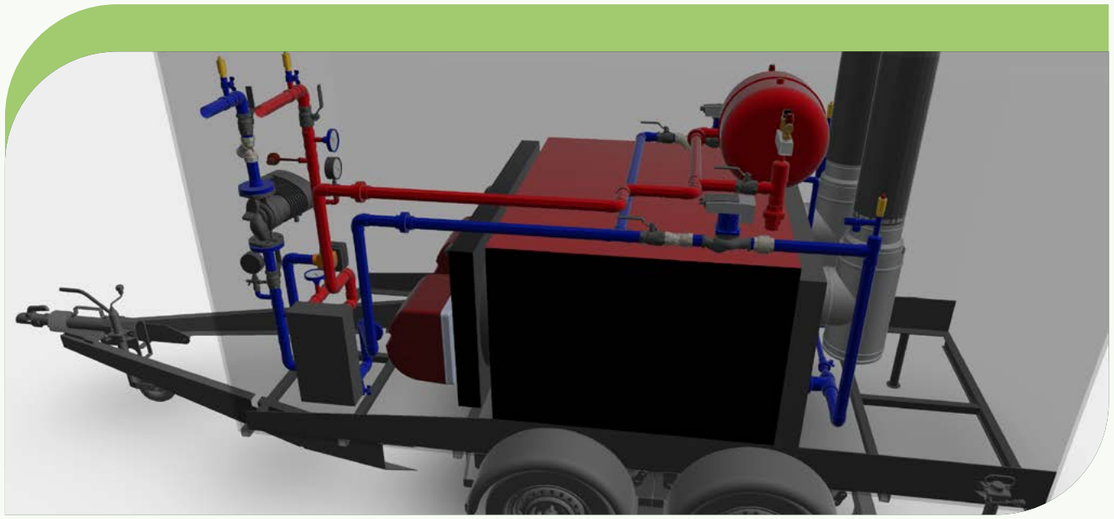
Parameter	Value
Dimensions	2.5 m x 1.6 m x 2.0 m
Weight	580 kg
Fuel type	Diesel
Fuel tank volume	1.0 t
Fuel consumption at maximum output	approx. 10 l/h
Hot water supply at 45 °C	7 l/min or 0.9 t/h of domestic hot water
Thermal capacity	120 kW
Electrical connection	230V 50Hz / 400V

Configuration

- Fire-extinguishing equipment
- Chimney, H-3.5 m from the base
- 2 x 1 inch water connection points
- Optional electrical generator

Technical drawing





Mobile hydraulic heating boiler house 150-750 kW

A higher-capacity mobile boiler house for industrial, infrastructure and temporary heat supply projects. Such boiler houses can be connected in a working cascade of up to 2,500 kW.

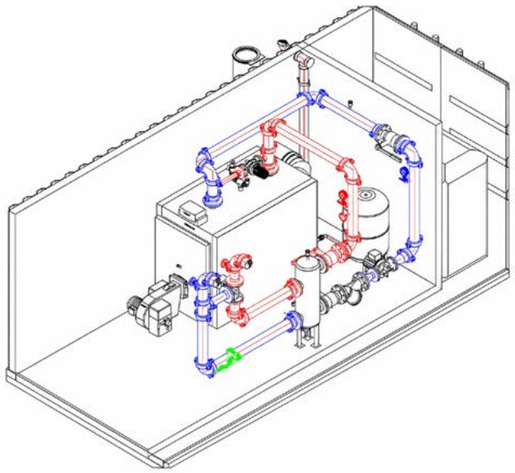
Typical use:
Industrial and infrastructure projects requiring higher heat output

Parameter	Value
Dimensions	6.0 m x 2.5 m x 2.5 m
Boiler house weight	5.8 t
Fuel type	Diesel
Fuel tank volume	1.0 t
Fuel consumption at maximum output	48 l/h
Maximum thermal capacity	750 kW
Electrical connection	400V 50Hz

Configuration

- Fire-extinguishing equipment
- Fuel pump station with fuel metering
- Electricity metering
- Assembled chimney, H-4 m from the base
- Make-up heating medium metering
- Internal safety and smoke alarm
- Option to connect to an autonomous electrical generator

Technical drawing



200-500 kW capacity mobile wood pellet boiler house

A mobile 250 kW wood pellet boiler house in a 6 m container module with a 10 m³ fuel storage unit, filled from the roof. It is designed for autonomous and efficient heat production with integrated fuel storage.

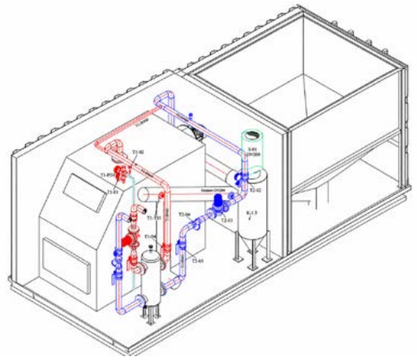
Typical use:
Temporary or permanent heating for industrial sites, public buildings, warehouses, workshops and facilities requiring an independent pellet-fueled heating solution.

Parameter	Value
Fuel storage	10 m³ capacity, sufficient for an average of 7 days of operation at -10°C
Flue gas fan	For forced removal of combustion products. The boiler house can operate with a minimal supplied chimney, 4 m high from ground level
Easy-to-control automation	Boiler house and boiler operation control system, including hydraulic circuit temperature regulation
Fire safety systems	Fire prevention and fire alarm system, as well as fire protection for the fuel supply and storage system
Filling ladder	Large and convenient fuel filling system
Prepared for intensive and convenient use	The boiler house can operate even with lower-quality wood pellet mixtures.

Configuration

- Roof filling system for convenient big bag fuel loading
- Boiler and hydraulic circuit automation
- Flue gas fan for forced combustion product removal
- Fire alarm and fuel supply safety system
- Filling ladder for safe and convenient fuel loading
- Supplied chimney system
- Technical support and consultation

Technical drawing



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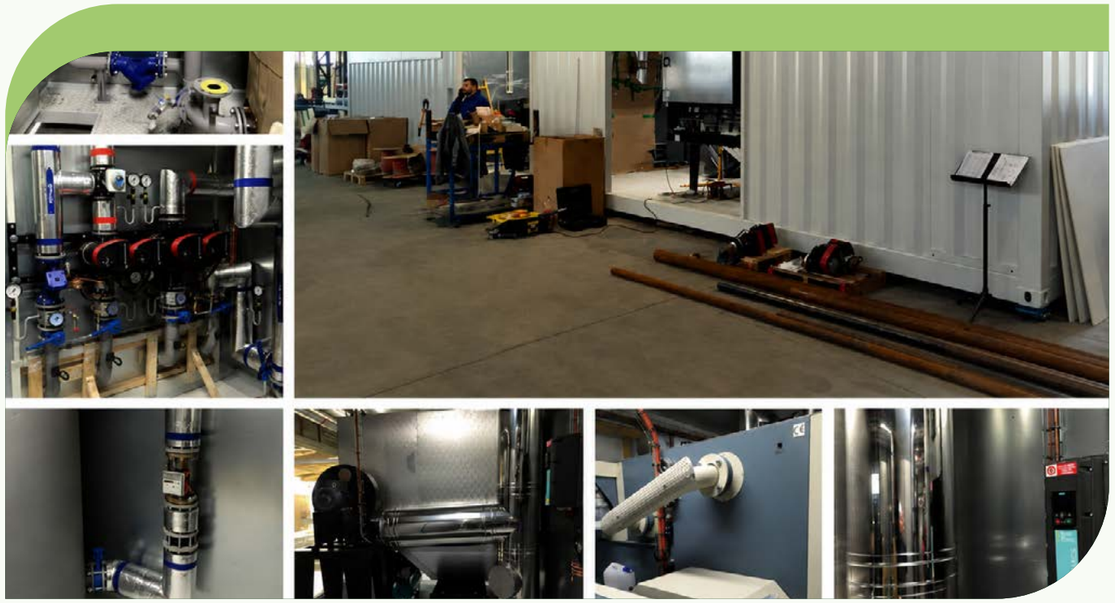
Other examples of boiler houses



Gilės inžinerija, UAB I Mobile and container boiler houses

For export partners

Container boiler houses are particularly suitable for international projects because the sea-container format helps plan transportation, installation and faster preparation for operation at the client's location.

We can discuss customized solutions according to your market, project and technical requirements.

Contact me to discuss what kind of mobile boiler house solution we can design and manufacture for your project.

Darius Šauklys
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