

# LIFE CYCLE SERVICES



SOLUTIONS FOR SUSTAINABLE FUELS

# FUELLING A CLEANER FUTURE

Today we combat two global problems:  
the increasing amount of waste in land-fills  
and the expanding CO<sub>2</sub> emissions from  
the use of fossil fuels. Our goal is to  
respond to both of these challenges  
and to boost material recovery.



## BMH TECHNOLOGY IN A NUTSHELL

- Finnish company founded in 1929.
- One of the world's biggest system suppliers in solid biomass fuel handling and waste refining (SRF/RDF).
- Global Service provider with local network and partners.

## WHERE TO FIND US

**Headquarters** | Rauma, Finland  
**Branch office** | Pori, Finland  
**Sales offices** | Sweden | Poland | Spain | China  
**Service network** | All over the world  
**Web** | [www.bmh.fi](http://www.bmh.fi)

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# TRUSTED PARTNER FROM THE FIRST STEP

BMH Service provides a large scale of services and know-how from preventive maintenance to modernisation of lines. As a partner, we provide service concepts that maximise the return on your investment throughout the equipment's life cycle. You can focus on your core business.

We step in the project already when BMH Project Sales is preparing a quotation for you. This reflects our commitment to your project for its entire life cycle. Our dedicated partnership will reward you with profitable operation, high capacity and a long life cycle.

BMH Service's established local maintenance networks guarantee fast

response and actions when needed. Remote control solutions and local maintenance networks minimize interruptions in operation. From the remote control system we can provide visualized on-line usage reports, which give useful information for your production management.

We have valuable background information about industrial processes and equipment

life cycles. With several decades in the field, we have learned how various materials with specific characteristics behave in customer's handling processes. Based on our specialized experience and know-how we can offer tailored solutions to your specific needs to keep your production running. This is real added value. The continuous process running is our top priority.

PARTNERSHIP  
24/7

PARTNERSHIP  
IS THE KEY TO  
SUCCESS

LOCAL  
MAINTENANCE  
WORKS

# MAXIMISING PROCESS LIFE CYCLE

## Equipment sales **INVESTING IN KEY COMPONENTS**

In addition to entire production lines, we also provide individual equipment for our clients' projects. Decades of in-house designing constitute a wide selection of equipment, which can be installed to existing plants regardless of who built them and whether they are brand new or built a long time ago.

## Spare parts and maintenance **GUARANTEED QUALITY WITH ORIGINAL PARTS**

The wrong parts can break the entire machine, whereas original parts will maintain the capacity and availability of your equipment.

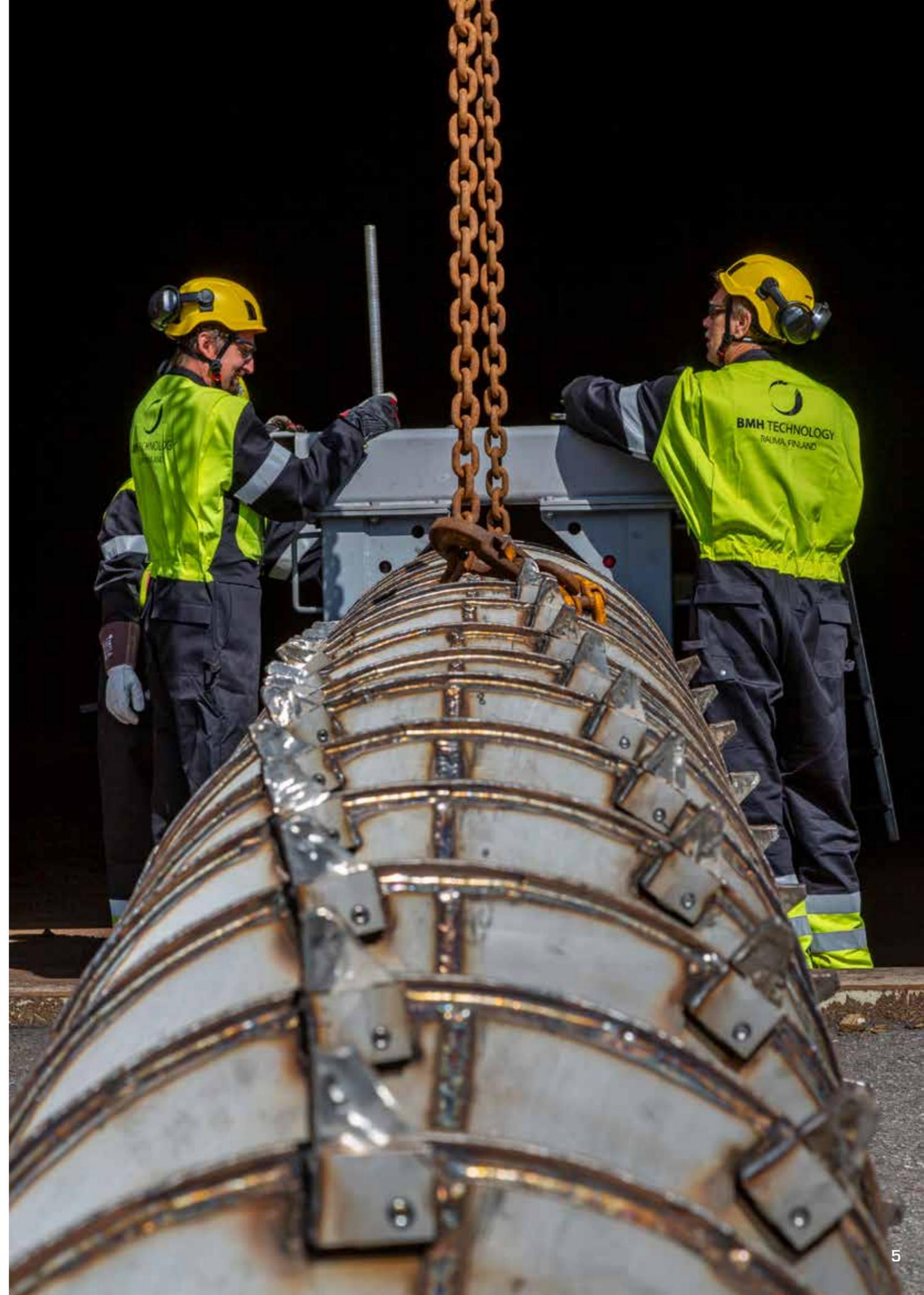
Regular maintenance activities and scheduled changing of wear parts will keep up the performance of your equipment throughout its lifetime.

We have professional service personnel available for performing maintenance works upon request. In case of sudden breakdowns our experienced service experts can step in and do the repair works. If needed, components can be brought to our service workshop.

## Modernisations **IMPROVEMENT OF YOUR EQUIPMENT AND PROCESS**

Our mission is to make sure you always have in use the best equipment for your purposes. Old technology may still work, but with moderate changes it could have the potential for much more. BMH Life Cycle Service works closely with customers to identify ways to improve their equipment's productivity and efficiency levels by bringing new technological solutions and their benefits into use.

New technological solutions offer savings in maintenance and running costs such as power consumption. Major changes in handled materials might also be the starting point for a modernisation project. Modernisation projects are always executed in close cooperation with the customer and with the support of BMH's design and R&D departments.



**Site assembly and commissioning  
GET UP AND RUNNING**

Correctly assembled and installed equipment creates the basis for a safe and profitably functioning process. Site assembly is a task which is recommended to be dealt with only by professionals. If you prefer to use your own men, we are pleased to offer experienced BMH personnel to supervise these phases.

Safety always comes first, but right behind follows the pressure for a speedy installation. Once the investment decision is made, you naturally want to have everything up and running as quickly as possible. Our skilled installation and commissioning teams are prepared to work long hours to get the wheels rolling so you start getting return on your investment. To support the success of each project, all BMH departments are involved in making sure contracts are fulfilled on time and within budget.

**Operating support and training  
UNLEASH YOUR  
EQUIPMENT'S FULL  
POTENTIAL**

Operating new equipment or an entire production line requires absorbing a lot of information and learning the right working methods. This can be a quick process, but sometimes it might not happen overnight. We want to ensure that our clients have the proper skills and methods they need to profitably run and maintain their plant.

Our operation and maintenance training period gives you the full package of information you require. But, if needed, the presence of a BMH specialist can be extended for as long as you want. After the basic training, an on-site operator can take an active role in guiding you through the daily tasks, or just stay in the

background to ensure you are doing things right. Also, if your process conditions and handled materials change over time, it can be useful to get additional training for your personnel. Operating support helps you cope with the changes, and assists you every step of the way.

In practice, you will have an experienced BMH person to be there for you and for you only. Assistance can involve, for example, coaching alongside normal day-to-day operation, guidance on safe operation methods, giving guidelines on material preparation, or training regarding daily or more demanding maintenance procedures. The focus points will be chosen according to your areas of interest.

# TAKING CARE OF YOUR INVESTMENT

**Choose the optimal service level  
LIFE CYCLE SERVICE AGREEMENTS**

Availability of your equipment is the key to success and profitable operation. BMH Service is dedicated to ensuring well-functioning equipment and uninterrupted production. We are at your service in case of unexpected trouble or risks becoming a reality.

We offer regular equipment inspection visits and component check-ups, and keep you up to date on the condition of your equipment. Our main goal is to provide you with valuable information to support your decision making and correctly timed maintenance. In addition to complete inspection reports, we offer you our comprehensive maintenance services.

As equipment and process conditions vary, the service back-up needed is not the same for everyone. BMH offers three service concepts for you to choose from.

**Take a proactive approach  
INSPECTION  
AGREEMENTS**

BMH's service experts make regular inspection visits to your production facilities at agreed intervals. To gain a thorough insight into your equipment's condition, inspections are performed both during shutdown and in production. Our inspectors will use the latest technology and tools available and provide you with a comprehensive inspection report including photos and recommendations for further actions. This supports your decision-making and helps you coordinate correctly timed maintenance.

**Give responsibility to the professionals  
MAINTENANCE  
AGREEMENTS**

Within an agreed scope, BMH Service personnel will perform periodic inspection, testing and maintenance activities and carry out scheduled maintenances with original spare parts.

**Let us take care of everything  
OPERATION &  
MAINTENANCE  
AGREEMENTS**

When you want to go beyond basic maintenance functions, and need special attention, we can take care of everything. O&M agreements include the plant operation and full scope of daily and scheduled preventive maintenance services.

You will have BMH service personnel continuously based at your site to react to any unexpected incidents and support the smooth operation of your facility.





**BMH TECHNOLOGY**

# FUELLING A CLEANER FUTURE



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