



SINCE 1892

**WEHRHAHN**

OPTIMISE YOUR PRODUCTION

# Quick Wins Support Concept

**WEHRHAHN**

# Welcome to the Wehrhahn Support

With over 200 plants built for clients worldwide and over 100 year history. We know our systems and understand the daily challenges you can face!

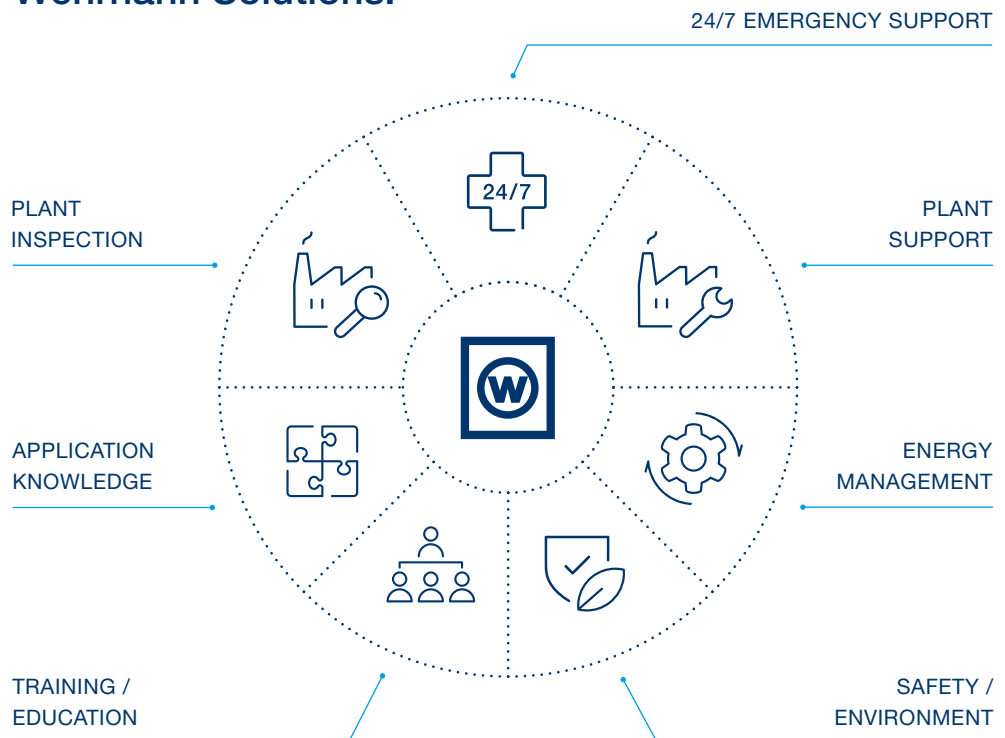
As producer of plants for the building material industry we are always aware you need to provide premium quality products at the most competitive price.

We are committed to helping you stay ahead of the competition. We can assist you to look at your own production process with an analytical eye, identifying opportunities.

We have combined our experience and knowledge to develop our support solutions. This will increase profits and the return on investment is even quicker than expected.

Our support solutions cover a comprehensive range of business areas. Each of them, we are confident, will deliver great value and benefit to you.

## Wehrhahn Solutions:



## Plant Support

We will analyse your situation and identify opportunities for quick results prioritising those with cost saving potential. Besides cutting your costs, we ensure you have a basic understanding of your process and the variables that effect them.

We tackle shortcomings, bottlenecks, quality issues and mix recipes. In short, we can boost your profit up to 20% improving the whole process from raw materials to loading the final high quality products.

### **BOOST YOUR PROFIT**

- Identify quick wins
- Increase production output
- Increase product quality
- Reduce production costs
- Reduce raw material consumption
- Reduce energy use
- Reduce waste rate
- Improve plant layout
- Improve quality/maintenance management
- Increase AAC knowledge
- Train production staff – AAC basics



## Plant Inspection

Continuous improvements and developments in production plants are essential to guarantee a sustainable growth. Wehrhahn will carefully assess your production methods and recommend cost effective solutions.

Our plant inspection report will result in a clear prioritised accurate maintenance plan and estimated implementation costs – a very helpful start for any profit centric project.

### **IMPROVE AND UPGRADE**

- Maximise productive operational time
- Check machinery
- Professional maintenance
- Increased reliability reducing costs
- Thermoanalysis
- Noise level check
- Organise spare parts
- Improve quality/maintenance management
- Train maintenance staff
- Create AAC maintenance manual



## Energy Management

Energy costs are an important factor during production and they are expected to rise constantly. Wehrhahn will “scan” your production plant with special systems to identify energy leakages and consumers of unreasonable high energy.

The joint evaluation of all types of energy will not only reduce the overall energy consumption, but it will also lower the production costs and increase the product quality.

### SAVE ENERGY

- Energy assessment
- Reduce energy demand
- Heat recovering improvement
- Optimise production cycle time
- WH-EnMS energy management
- Thermoanalysis
- WACO autoclave control
- WECOMIX dosing and mixing control
- Production hall illumination concept
- PCI product control and information system
- Production staff training – use of energy



## Safety and Environment

Our specialists offer an assessment in workplace safety and environmental issues. The Wehrhahn assessment report gives advice and recommendations to increase safety measurements in the plant. We also assist in the implementation of improved standards for a safe working environment.

Together we will create training documents to raise awareness of workplace safety and health - this will result in higher motivation of your personnel.

### SAFETY FIRST

- Safety assessment
- Environmental assessment
- Check recommended signs
- Support introducing a safety awareness and culture
- Support creating workplace safety instructions
- Occupational accidents investigation
- Accidents prevention activities
- Aluminium safety training
- Increase environmental awareness
- Office and production staff training – health and safety





- ☑ Know-how
- ☑ Troubleshooting
- ☑ Identification of quick wins





## Application Knowledge

The development of new or the improvement of existing building materials and construction methods is important for the success of every plant. Our engineers have a vast knowledge of the international construction markets. What are the globally recognised best practices? What are the current industry trends? How can we gain a greater market share? How can we fulfil the requirements of our customers? We will analyse your actual market position and your product portfolio, as well as provide relevant product knowledge and introduce you to new successful products!

### IMPROVE YOUR MARKET POSITION

- Market research
- Refine your product portfolio
- Investigate customers requirements
- Product development
- Assist in customer sales meetings
- Sales and production staff training
- Utilise online and print advertising



## Training and Education

Employees are a key production element. We have discovered they often manage large amounts of data, not always following best practices. Wehrhahn can help educate and enhance the process knowledge of your employees by intensive training sessions and comprehensive tutorials. In addition, the Wehrhahn “Toolbox” provides helpful documents to analyse and optimise each process and ultimately make your plant more profitable.

### INCREASE PRODUCTION AWARENESS

- One to one training
- In depth understanding of all processes
- Dependencies of raw materials
- Autoclaving process
- Increase safety/environmental awareness
- Improve quality/maintenance management
- Training fork lift driving
- Safety training
- Product transportation methods
- Introduce plant management tools



## 24/7 Emergency Support

Daily production can provide interesting challenges. Changes to raw materials, increases in reject rates, quality problems or “We never had this situation before!” “It worked perfectly yesterday!”.

Wehrhahn’s troubleshooting expertise and extensive database together provide intelligent solutions and strategies. Solutions which will provide answers to your actual “Emergency” bringing you back online quicker.

### SOLVE CHALLENGES

- Troubleshooting
- Restore product quality
- Reduce waste rate
- Check currently used raw materials
- Reduce raw material consumption
- Increase production output
- Reduce production costs
- Reduce energy demand
- Improve plant layouts
- Train production staff – AAC basics



- Troubleshooting
- Profitability
- Restore quality

WE BUILD FOR YOUR SUCCESS!

# Wehrhahn production plants made in Germany

Our team of highly qualified engineers and technicians develop solutions and concepts for the production of AAC, fibre cement, quicklime and dry mix mortar – including intelligent automation systems.

As a traditional family-owned business, Wehrhahn have been producing state of the art production plants for the building material industry since 1892.

We have built over 200 plants for the production of autoclaved aerated concrete blocks and panels, fibre cement sheets and pipes, lime plants and numerous other special designs. Our plants are in use across all climate zones throughout the world and we are proud to be the global leader at the forefront of the industry.

Our work in research and development complemented by our support team, in conjunction with customers and scientists have resulted in successful unique Wehrhahn products such as our no system waste technology, tilting system with bed remover and patented custom-made machines.

Use our experience to your benefit – whether you are an already established customer or interested new investor.



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