



# **SPECIALISTS FOR DEMANDING TASKS**

Screening machines from HEIN, LEHMANN



## SCREENING MACHINES

Our passion – your solution

Therefore for more than 100 years, the traditional company HEIN, LEHMANN has been working with media for the separation and classification of bulk materials, suspensions, and dewatering/filtration.

Particularly concerning classification, the combination of screen lining with the appropriate screening machine is an important criterion for meeting customers' requirements for efficiency, performance, capacity and service life.

For more than 50 years, we have been designing and developing screening machines to meet customers' requirements and solve problems.

Our scope of delivery encompasses the following:

- Flip-flow screening machines
- Circular and linear vibratory screening machines
- High-performance circular motion screening machines

# MILESTONES

in the past and the future

## MILESTONES

were once placed along Roman highways for direction.

## MILESTONES

also accompany our path in the development of applications and machines.



Market launch of Flip-flow screening machines

1966

1955/62

Market launch of Umbra and Atoscope screening machines



1973

Market launch of the LIWELL® screening machines





## THE RESULTS

have both endorsed and encouraged us

### WORLDWIDE

innovative applications for secondary raw materials

### WORLDWIDE

in use in the largest processing plants

### WORLDWIDE

well-known applications for primary raw materials

## SEVERAL SUCCESSES

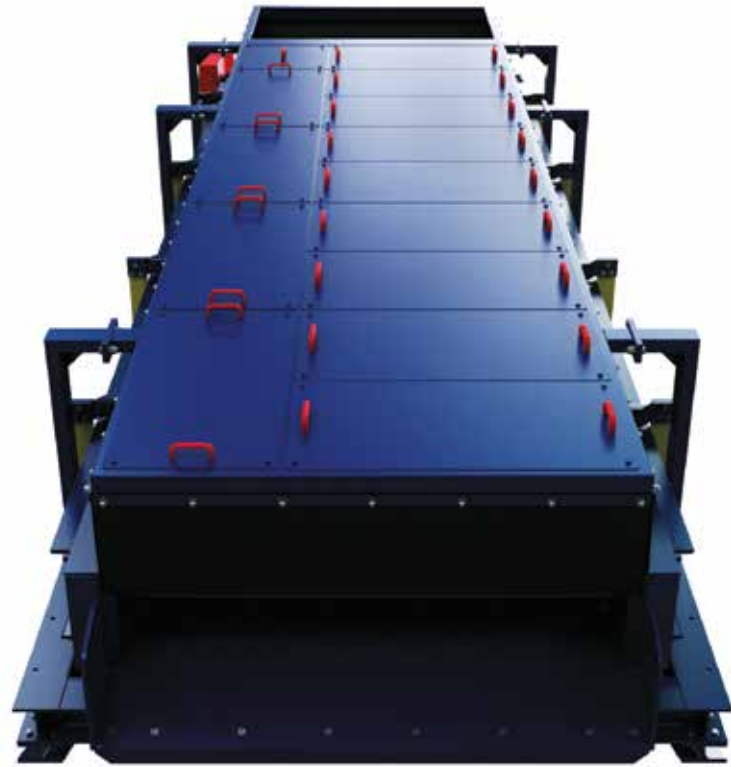
The combination of screen lining and screening machines

With the optimum combination of screen linings and motion sequences produced by the machines, we specifically fulfil what our customers want.

The parameters for a successful combination are as varied as the **applications** themselves. These include the:

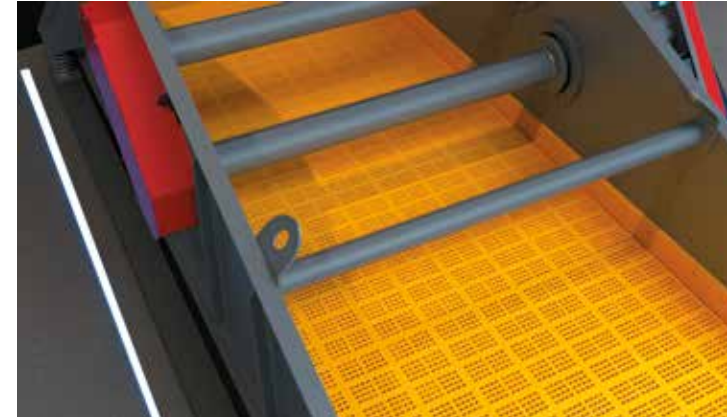
- form of the movement
- amplitude
- frequency
- acceleration





## CONVENTIONAL SCREENING MACHINES

As much as necessary, as little as possible



The vast majority of simple applications can be served by conventional screening machines. Here, too, performance and stability are of prime importance. Criteria to which we, as a traditional company, pay a lot of attention.

## LIWELL®

Screening machines simple and unmatched

### MOVE PHYSICAL LIMITS:

With LIWELL® screening machines we are very close to this goal.

**UNIQUE** accelerations on the surface of the material enable classifications even with very difficult material properties or very fine separations.

An **INDISPENSABLE** feature is the permanent control of the machines and the movement of the covering by means of a positive drive.

**OUR SUCCESS** justifies the effort.



Special designs with electronically synchronized drives offer greater performance compared to conventional machines.



## APPLICATIONS, VARIANTS AND VISIONS

The first applications in classification technology were already to be seen in ancient Rome.

Even today, the use of better road construction materials testifies to the fact that product quality is in harmony with economic benefit.

In the meantime, a wide range of applications has developed. Since industrialisation, not only building materials but also coal, ores and other bulk materials have been in constant focus.

Innovative applications and new uses in recycling, nutrient production or renewable raw materials help to conserve resources and the environment in the long term.

## BENEFIT AND SCREENING SUCCESS



### THE SUCCESS OF THE VICTORY IS SHOWN IN DIFFERENT WAYS:

Products with different grain sizes as end products for use – here we can produce finer products, even under difficult conditions.

Classification prior to material preparation enables a specific process technology, adapted to the respective grain size, and thus results-oriented material handling. Material flows prepared with different grain sizes enable much more efficient grading in the subsequent processing steps.

For material mixtures with specific grain sizes, we can sort different materials.

# OUR PROMISE

We have the technical know-how when it comes to processing, separation and conveying technology and screening machines. We are experienced in the production of machines and components for processing and process engineering. Our knowledge is immense, after all, we have acquired it over decades. Against this background, we provide you with comprehensive and targeted advice on your requirements – right from the start.

HEIN, LEHMANN products are tailor-made, manufactured to the precise millimetre and partly hand-built, naturally by our experts. Whether for screening machines, CONIDUR® perforated plates, wedge wire screens, conveyor belts, or raw material screens:

We will find the right solution for every challenge - we promise!

HEIN, LEHMANN stands for:



Comprehensive expert advice



Industry-specific solution finding



Individual product planning



Customised product manufacturing



Accuracy of fit in every detail



Hand/built by experts



Long-life products



Sales follow-up management

## LET'S FACE IT TOGETHER.

Perhaps you have already noticed that we are proud of what the HEIN, LEHMANN family business has achieved over generations and decades. We are happy about what we are doing today and we look forward to what we will achieve together with you. You can be sure of the fact that employees and products from HEIN, LEHMANN set standards – worldwide.

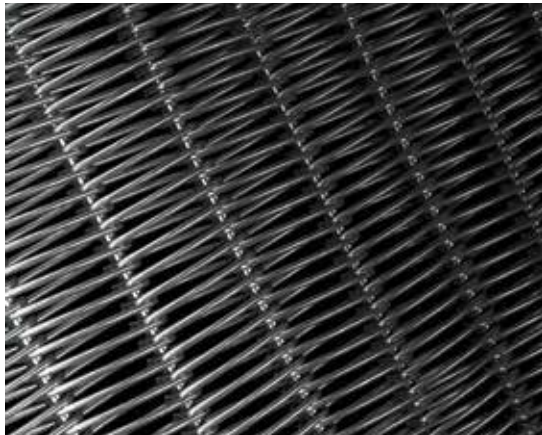
# FURTHER PRODUCT GROUPS



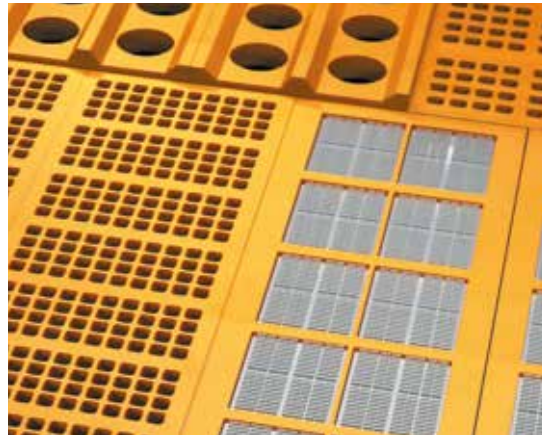
**CONIDUR® PERFORATED PLATES**



**WEDGE WIRE SCREENS**



**CONVEYOR BELTS**



**RAW MATERIAL SCREENS**



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