



**HEIN | LEHMANN**

# **WE UNDERSTAND PROCESS TECHNOLOGY**

Processing + Conveying + Separating +

## **WE ARE HEIN, LEHMANN**

From screening technology to separation and conveying technology, our first-class products can be used in so many different ways that they are at home in almost all industries today – from the classic field of the stone and earth industry, the food, chemical and pharmaceutical industries through to the automotive and plastics industries. In the whole field of recycling, our know-how, our quality products and the ability to think outside the box leads to innovative solutions that make the most diverse recycling processes more efficient.



## P – IS FOR ALWAYS READY AND ABLE: PROCESSING

For processes in the field of preparation, from size reduction, drying, granulation and recycling to mixing, agglomeration, sifting and drainage, we offer a large product portfolio of tailor-made components to meet your individual requirements.

With perforated plates, wedge wire (or slotted) screens, conveyor belts, screening machines and raw material screens from HEIN, LEHMANN, you not only benefit from the latest processing technology, but also you are investing in wear-resistant solutions that are tailored to your specific needs, which optimise your products.



# C – IS FOR CAPABLE CONVEYORS

For conveyor technology from cooling, heating, pneumatic transport and ventilation through to conveying, charging, stacking and hardening, you will receive in-depth advice from us and tailor-made solutions that match your individual requirements.

With our broad product portfolio, from conveyor belts and wire conveyor belts for transporting light to heavy bulk or piece goods, through to hardening baskets and fine perforated and slotted perforated plates, you are investing in wear-resistant solutions tailored to your specific needs and requirements.







# S – IS FOR KNOWING HOW TO SEPARATE

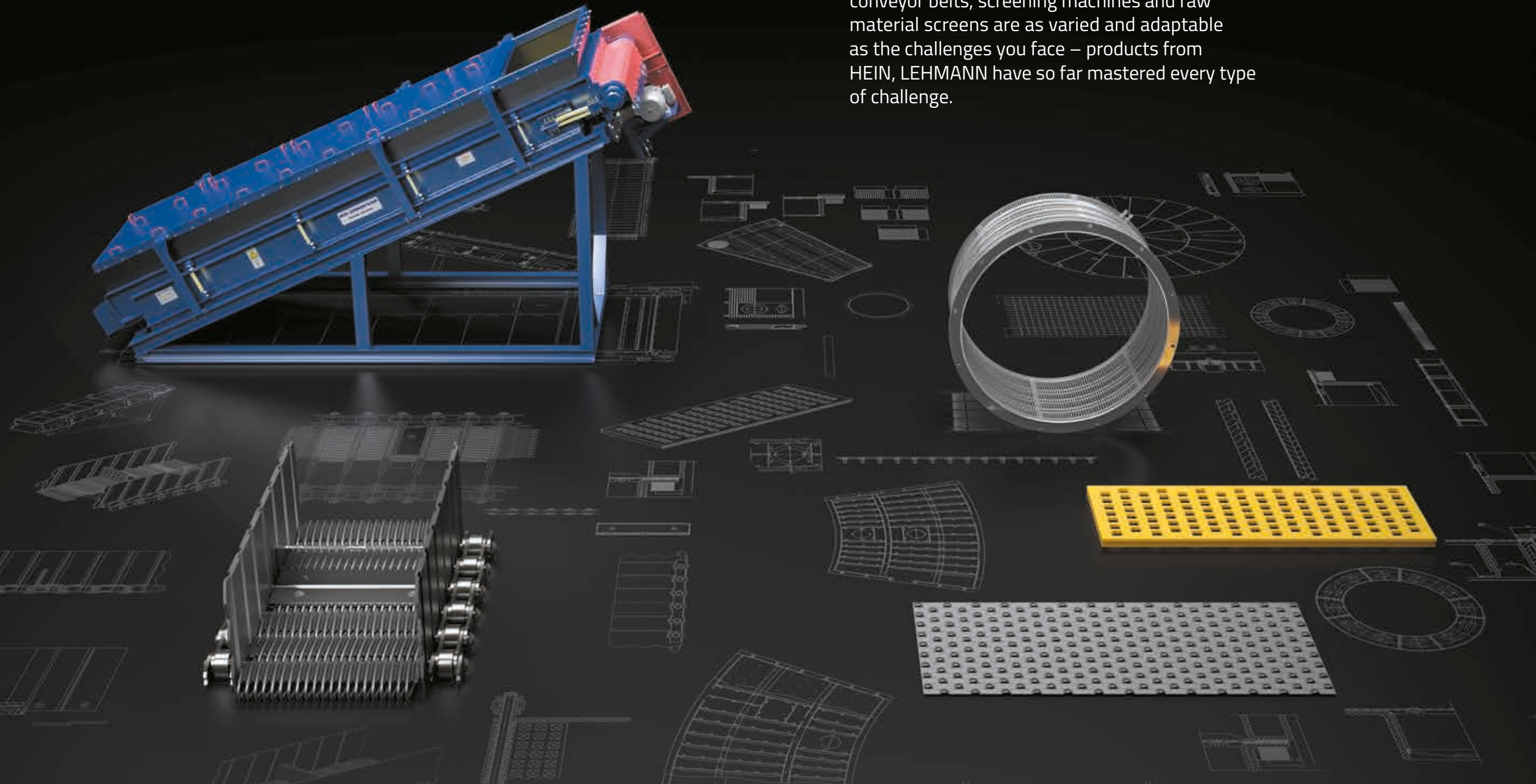
For separation processes ranging from filtering and centrifuging to classifying and grading, we offer separation technology tailored to your individual requirements to prepare your raw materials for further processing.

Whether perforated plates, wedge wire screens, raw material screens or ready-to-use screening machines, with HEIN, LEHMANN you get state-of-the-art separation technology that sets standards in the industry.



# OUR PRODUCTS

No matter what your application or problem is, our products are sure to have the right solution for you. Our perforated plates, wedge wire screens, conveyor belts, screening machines and raw material screens are as varied and adaptable as the challenges you face – products from HEIN, LEHMANN have so far mastered every type of challenge.







# PERFORATED PLATES

## Stepping up to the plate

Perforated plates are used in various areas of process and preparation technology such as mills, centrifuges and fluidised bed plants.

The special conical perforation ensures, among other things, less contact resistance, fewer blockages and higher throughput. In addition, our perforated plates are work-hardened during production. As a result, they have a higher wear resistance.

A special manufacturing process enables the finest perforated plates to be produced in initial plate thicknesses that can be many times the hole width.

The perforated plates are available in numerous designs. Material quality, starting plate thickness, perforation and surface finish can be individually adapted to your requirements.

### CONIDUR®

Our tried and tested own brand for all perforated plates. We are happy to offer you individually tailored solutions to suit your requirements.



### CONTACT

Perforated plates team  
+49 2151 375-920



# WEDGE WIRE SCREENS

Tailor-made screens for everyone and everything

Our wedge wire (or slotted) screens are successfully used in almost all branches of industry, such as the food industry, the brewery and beverage sector, waste water and process water treatment, the chemical industry, the sugar industry, water and environmental protection, the stone and earth industry and general mechanical engineering.

Depending on the application and requirements, the wedge wire screens can be individually adapted to each individual case by means of any conceivable geometric shapes, materials, dimensions as well as different profile shapes (combined with different cross bars).

Our wedge wire screens work almost without clogging, have an optimal open screen surface and have a long service life thanks to a wide range of material possibilities.



## CONTACT

Wedge wire screen team  
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## RIMA®/CORIMA

We offer our high-quality slotted screens in two own brands:

- Looped (RIMA®) for high vibration security
- Welded (CORIMA) for a highest degree of splitting accuracy



# SCREENING MACHINES

Top screening machines in the industry

Our screening machines, whether circular vibratory, linear vibratory or classifying machines, are suitable for recycling applications as well as for screening bulk materials (coal, sand, hard rock) and thus cope with even problematic applications that cannot be classified or can only be classified with difficulty using conventional screening machines.

With our screening machines, we support major projects such as the construction of new power plants or equip regional medium-sized companies with modern separation technology.

## LIWELL®

We have designed, produced and launched onto the market the world's first LIWELL® screening machine using the Spannwell® principle.

You could say that these are something like the technological screening nemesis for extremely difficult and/or moist bulk materials. Other machines have to admit inferiority, for their revolutionary technology has been used worldwide for screening bulk materials for around 40 years.



## CONTACT

Screening machines team  
+49 2151 375-922



# CONVEYOR BELTS

## Customised belt solutions

Conveyor belts from HEIN, LEHMANN are to be found in virtually all branches of industry due to the wide range of steel qualities and the enormously wide range of dimensions, especially where process engineering processes at temperatures from  $-150^{\circ}\text{C}$  to approx.  $1,200^{\circ}\text{C}$  are required or where non-metallic means of transport are unsuitable: from A to Z, from automation to the zinc mining industry.

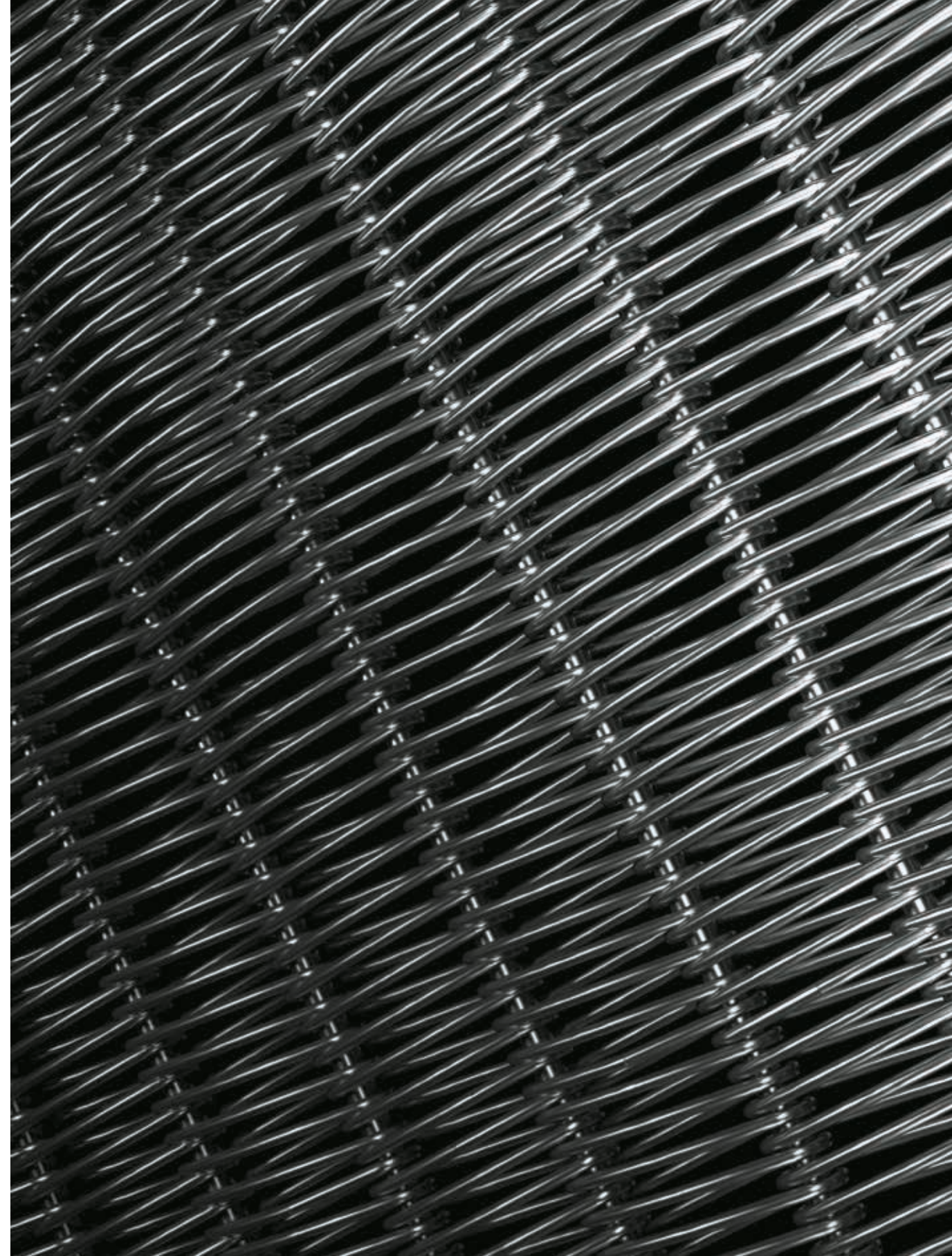
Benefit from our extensive technical and metallurgical expertise and more than 70 years of experience!

We offer you a comprehensive service and we manufacture our equipment using our largely self-developed machinery with exact dimensional accuracy and in highest quality.

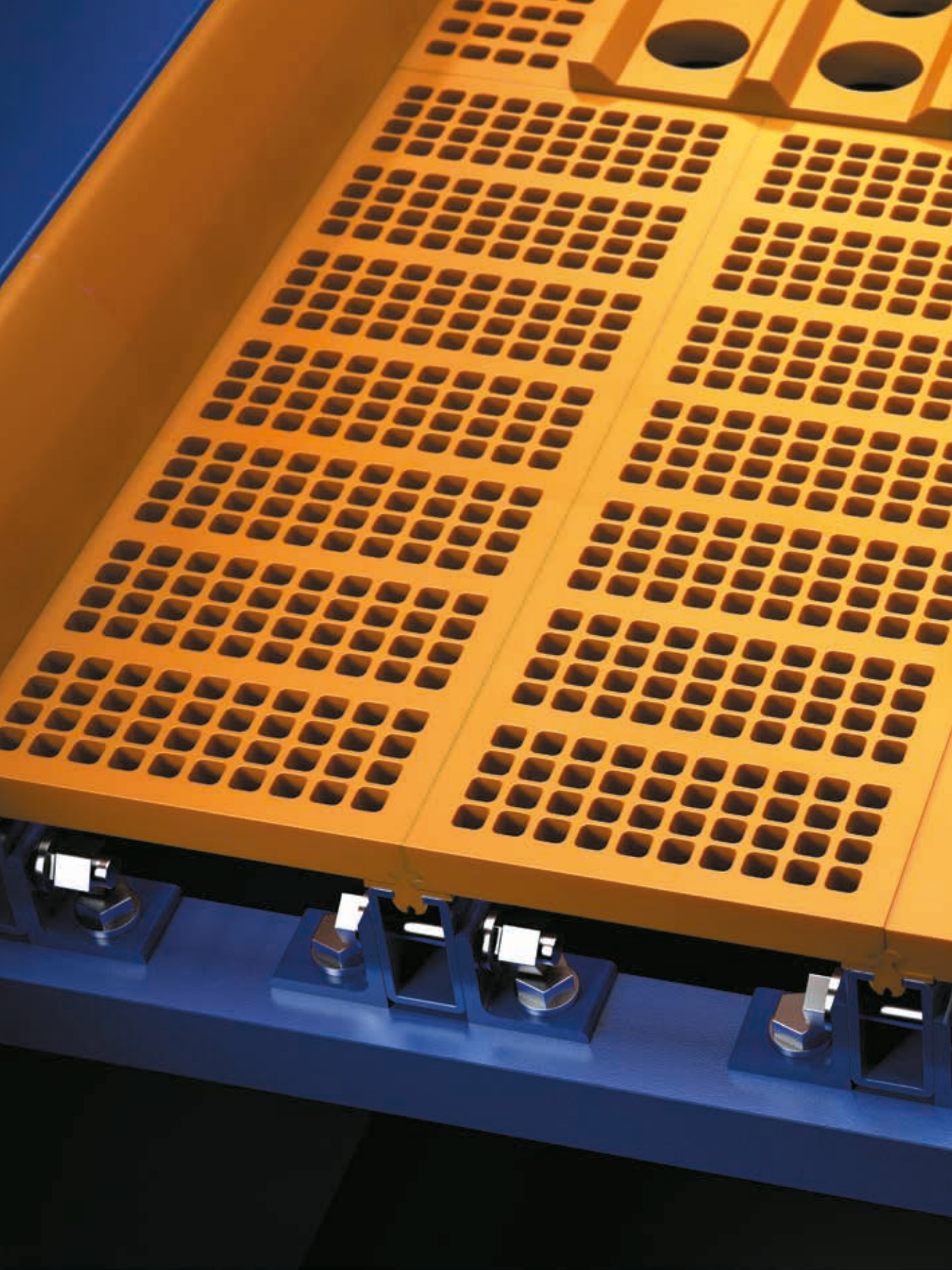


### CONTACT

Conveyor belts team  
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# RAW MATERIAL SCREENS

Clean separation, clear advantages

We can supply you with the classic raw material screens (e.g. wire mesh, harp screens), screen panels and screen mats made of PUR plastic (polyurethane) and rubber.

HEIN, LEHMANN also offers the lightweight plastic screening made of Vibro-Flex mesh with plasticcoated wires, whether tensioned screen lining, wedged flat screen bottom or PU screen system (WS 85 / WS 83 or WS 2.10 with magnetic attachment). Suitable for all conventional screening machines as well as special sizes on request.

In addition to basic screens, we also manufacture a wide variety of baskets and basket inserts (hardening baskets, charging baskets and charging racks, nitriding baskets, annealing baskets, washing baskets) as wire mesh or welded constructions with wire meshes and wire grids for loading, stacking and for the hardening shop.

You don't have any concrete requirements or drawings yet? No problem! Together with you we will find out which solution is the best for you.



## CONTACT

Raw material screens team  
+49 2151 375-924



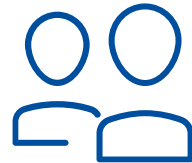
Indestructible products



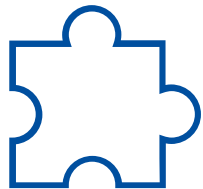
Individual product planning



All-round expert advice



"Craftsmanship" by experts



Accuracy of fit in every detail



Customised product  
manufacturing



Professional after-sales  
service management



Industry-specific  
solution finding

## OUR PROMISE

With our decades of experience and our technical know-how in processing, separation and conveying technology as well as screening machines, we can provide you with comprehensive and targeted advice on your requirements right from the start. We will find the right solution for every challenge – that's a promise!



# LET'S FACE IT TOGETHER.

Maybe you've noticed already that we are proud of what HEIN, LEHMANN (which has been family-owned and run for several generations) has achieved so far. We are pleased about what we are doing today and we are curious about what we will achieve together with you. With all this you can be sure that:

**HEIN, LEHMANN's employees and products are setting standards – worldwide.**



# AT HOME IN THE WORLD

The hl.group

With over 900 employees across 38 companies, the hl.group is part of a multinational, family-owned group of companies. Our cultural diversity is our strength and always warrants our successful activities worldwide.

Over 2,500 customers from all over the world place their trust in us. As a group of companies, we produce and sell components and solutions around the globe – through our locations spread around the globe.



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