



HEIN | LEHMANN

CLEAN SEPARATION, CLEAR ADVANTAGES

Raw material screens from HEIN, LEHMANN



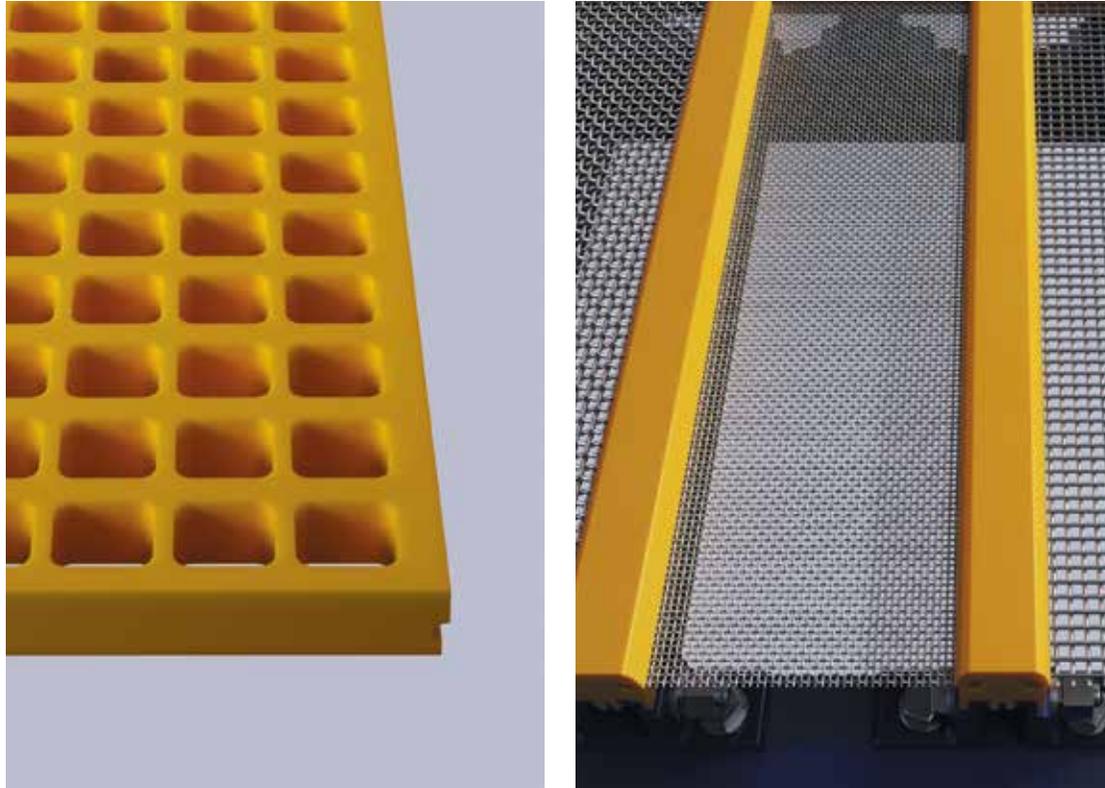
EASILY EXCHANGEABLE

Modern exchangeable systems

For gravel, crushed stone, coal or ore, as a tensioned version, as a plane field or in an alternating system, together with you, we will find the right combination to optimise your screening result.

Our success is achieved when our customers reach their goal with our screens. Our plastic is flexible in the truest sense of the word. With it (but also with wire), we adapt to all our customers' requirements – whether with flexible hole widths, screen thicknesses, different hardnesses, different materials and with or without reinforcement.

SCREEN COVERINGS MADE OF POLYURETHANE



SCREENING SYSTEMS WS 85/83, FINGER SCREEN

What is the basic equipment of the WS-85 and the WS-83 system? The inner mats are 300 mm, with outer mats and fitting strips the systems can be adapted to any machine width. The standard length of the screen mats and IL strips is 1000 mm. As standard, the screen mats are installed in length to the conveying direction; installation at right angles to the conveying direction is also possible with the WS 85. In the case of further developments, we always orientate ourselves to the standard dimensions.

Using different fabrics, meshes and materials – this is the great advantage of both the WS 85 and the WS 83. A combination of WS 85 and WS 83, finger screening system and WS 2.10 is also possible.



FINGER SCREENING SYSTEM: SOLUTION FOR CLOGGED SCREENS

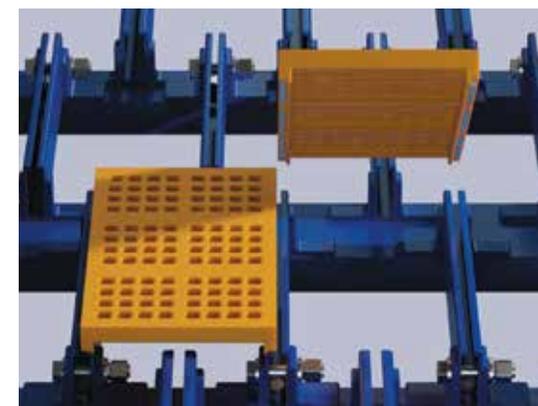
Functional principle: The rods cast in polyurethane vibrate at the free end of the rod due to the movement characteristics of the vibrating machine. Due to the different rod diameters and lengths, as well as the load of the bulk material fed, the individual rods have different vibration characteristics, which ensures that the rods are kept free.



VIBRO FLEX

The Vibro-Flex grid has been developed for the classification of mineral bulk materials.

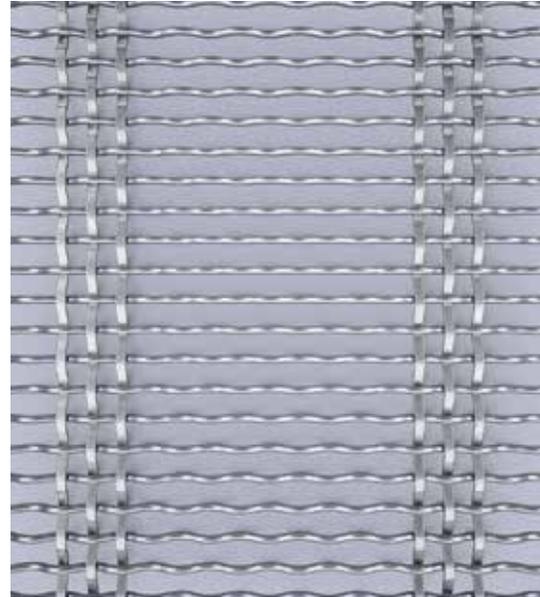
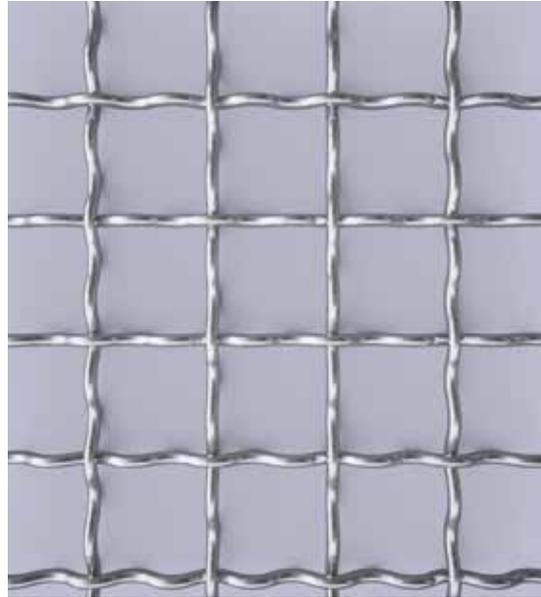
Due to the particularly flexible design and the use of proven wear-resistant material, Vibro Flex offers a whole range of advantages: blockage-free operation, high throughput, long service life, high efficiency, low-noise operation and easy handling.



THE WS 2.10 SYSTEM

The WS 2.10 system is easy to change due to the new magnetic technology and offers many application possibilities, for example, as a screen or simply as wear protection.

WIRE MESH AND HARP SCREENS



In the course of its history, the screens or rather the technique of screening has developed considerably. However, they all have one thing in common:

- You need a screen that is optimally adapted to the screening process
- Easy to handle material and free areas
- Satisfactory service life for the user

APPLICATION

The screens are used in different segments, where there is a need for:

- Division
- Separation
- Screening
- Washing
- Filtration
- Processing

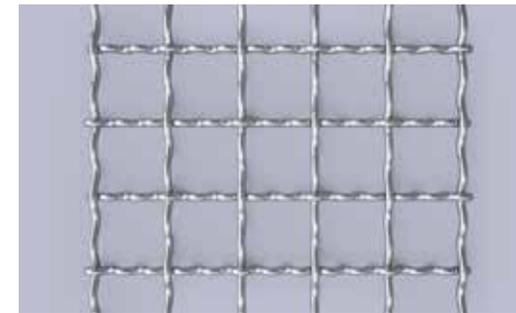
Examples can be seen in:

- Smelters and steelworks
- Gravel pits
- Track construction
- Recycling

VARIETY OF MATERIALS

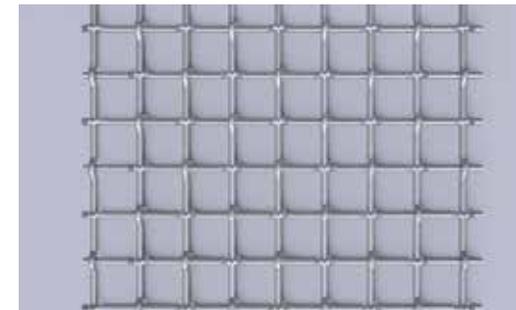
The variety of materials requires an equally wide range of wire cloth and harp screens.

Glass, wood, gravel or chippings – every material needs an individual solution. HEIN, LEHMANN also finds solutions for all applications. Whether for standard screening or dewatering.



STANDARD MESH ACCORDING TO FORM C (WAVE GRID)

The wires have relatively short and strong crimps in both directions and cross each other according to the desired mesh size only after every x-th crimp.



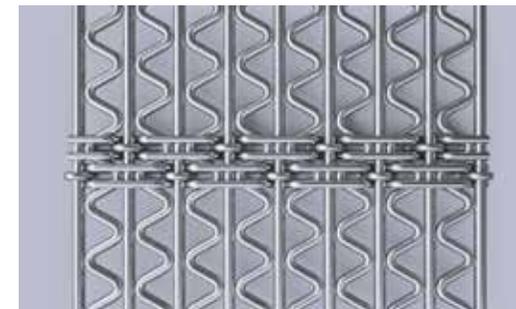
DOVEX-R GRID

All offsets only deviate to one side. This creates a smooth surface on one side of the screen; the smooth side is the working side.



SERPA-HARPS AND SERPA-FLEX-HARPS

The harps consist of adjacent wires that are crimped in the plane of the screen. They are connected to each other by wire bindings or a combination of wire and plastic binding or only with plastic bindings.



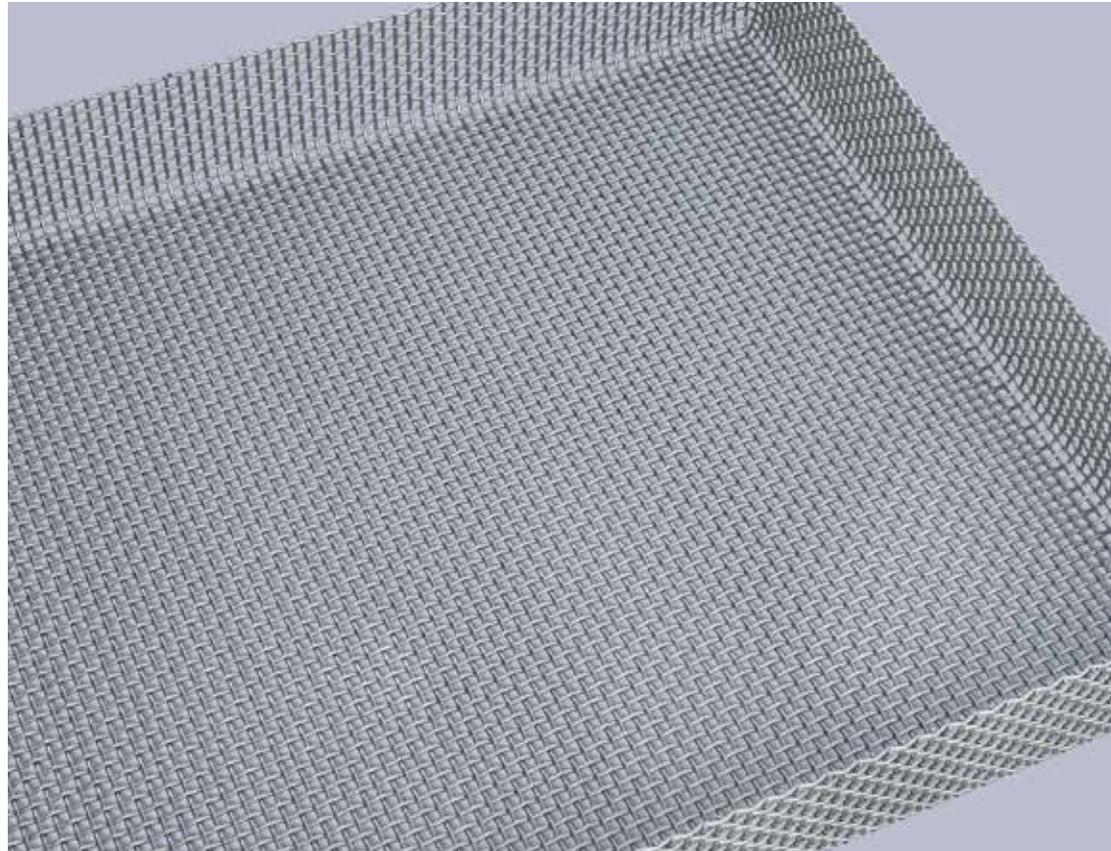
VENO HARPS AND VENO-FLEX HARPS

Such harps consist of straight wires and wires crimped in the screen plane, alternately arranged next to each other. They form a triangular screen opening. They are also connected with each other either by wire or plastic bonds.

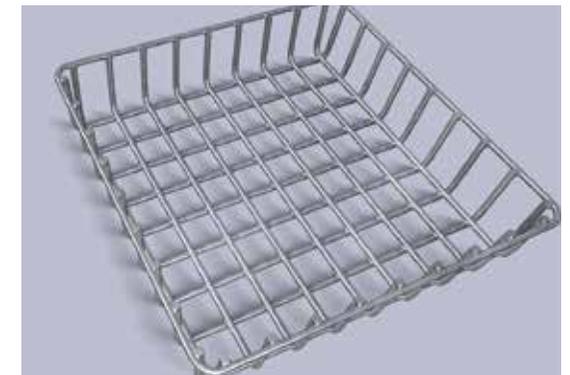
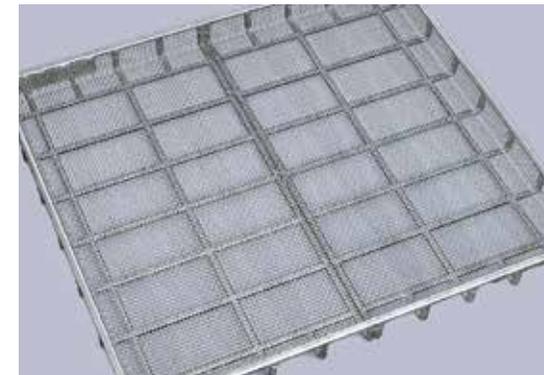
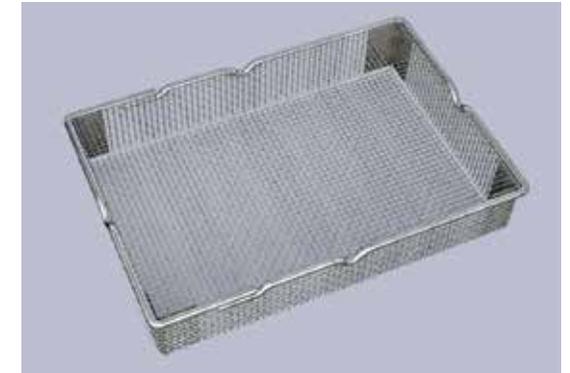
OTHER FABRICS, MESHES AND HARPS ARE IN OUR SECTOR:

N-harps, Harpa-Flex-harps with straight and crimped wire, DD-harps, DS-harps, Wedra-Malong, Wedra-E-Malong fabric, PS-grids and wire cloth form A and D.

WOVEN WIRE CLOTH AND WIRE MESH BASKETS



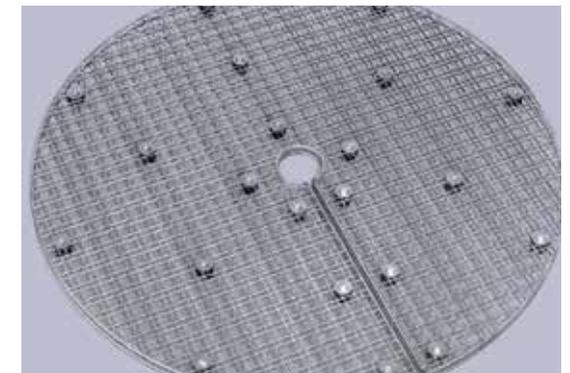
Welded constructions with wire mesh



Accessories for heat treatment processes

The subject area of "heat-treatment processes" is a very complex one. All the better if we can provide you with a solution for part of your heat-treatment process. If you outline your process for us and we will develop a solution for tailored for you. HEIN, LEHMANN has its own design office, so we can respond quickly and with flexibility to your processes.

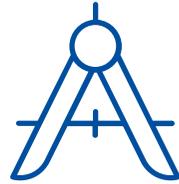
We manufacture charging baskets, shelves, hardening baskets and washing baskets according to our customers' requirements.



HEIN, LEHMANN stands for:



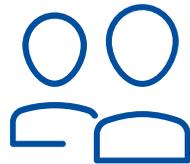
Long-life products



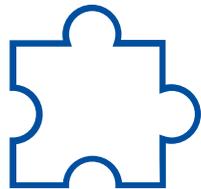
Individual product planning



Comprehensive expert advice



Hand/built by experts



Accuracy of fit in every detail



Customised product manufacturing



Sales follow-up management



Industry-specific solution finding

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!

LET'S FACE IT TOGETHER.

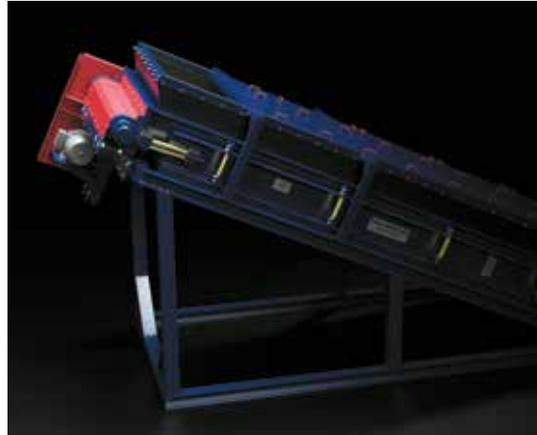
Perhaps you have already noticed that we are proud of what the HEIN, LEHMANN family business has achieved over generations and decades. We are happy about what we are doing today and we look forward to what we will achieve together with you. You can be sure of the fact that employees and products from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



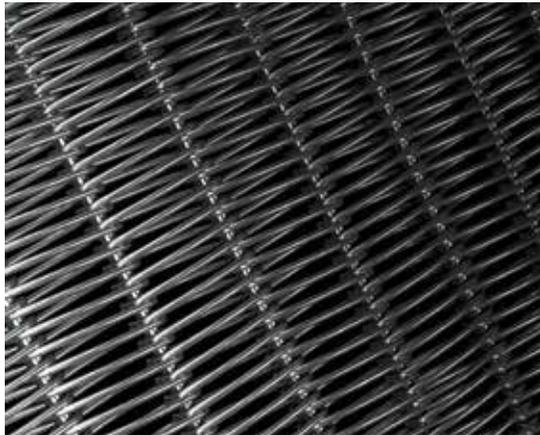
FURTHER PRODUCT GROUPS



CONIDUR® PERFORATED PLATES



SCREENING MACHINES



CONVEYOR BELTS



WEDGE WIRE SCREENS



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