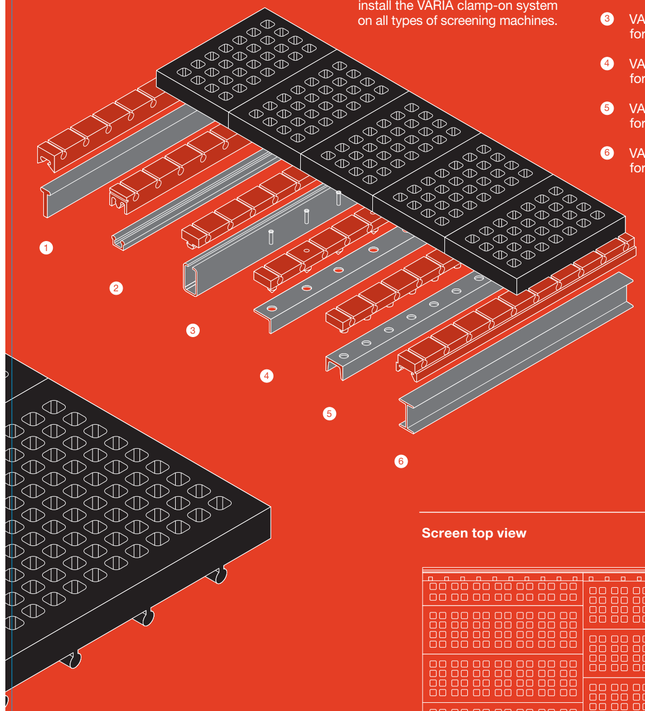
Adapter bars
Cross-section



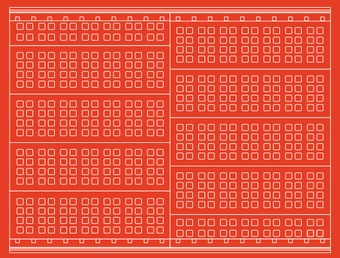
Adapter bars / Steel profiles
Types

The VARIA clamp-on system can be used on all standard steel profiles due to the special adapter bars. Through the use of the adjacent adapter bars, it is possible to install the VARIA clamp-on system on all types of screening machines.

1. VARIA steel profile with VARIA adapter bar type I
2. VARIA adapter bar type II for “E profile”
3. VARIA adapter bar type III for “C profile”
4. VARIA adapter bar type IV for angle profile
5. VARIA adapter bar type V for “U profile”
6. VARIA adapter bar type VI for “I profile”



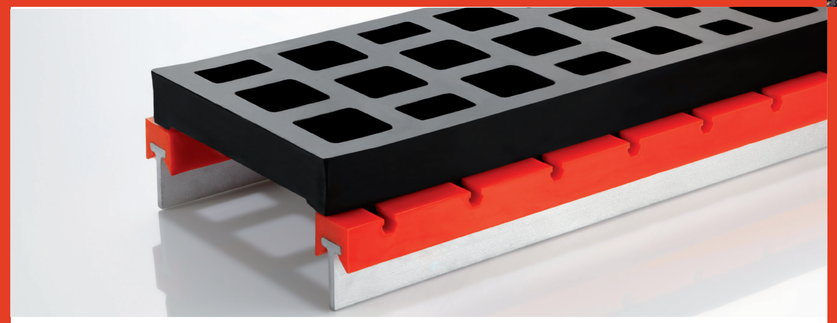
Screen top view



KÜPER®

Screens

VARIA



The fast, universal modular system

THE CLAMP-ON SYSTEM FOR FAST, ROBUST CONNECTION OF STANDARDISED COMPONENTS.

Easy to install and variable

The VARIA clamp-on system is based on the simple but robust connection of standardised components. Depending on the application, its modular screening panels are made of KÜPRENE, GK-SOFT, GIGANT, CLEAN or wire. Due to the standardised structure it is possible to equip a screen deck with various screen surface materials, which often proves to be an advantage in practice. Adapter bars fix the screen panels to the substructure. The screen modules can be simply tapped in, pried out or slid in and out sideways.

Furthermore, the adapter bars protect the steel substructure against wear and tear. The VARIA clamp-on system is not only perfectly suited for the initial equipment of new screening machines, but also for the conversion of existing systems. It can be easily installed and removed without additional attachment material, is practically maintenance-free and stands out due to its high level of cost effectiveness.

Functions

- → Very easy to install
- → Robust steel substructure
- → Adapter bars protect substructure against wear and tear
- → Panels made of rubber or polyurethane with conical holes, highly resistant to wear and tear
- → Various screen surface materials possible on one screen deck
- → Suitable for initial equipment and conversion
- → Very efficient
- → Can also be equipped with wire screens

Replacement time
VARIA clamp-on system

– 50 %

VARIA
Tension screens / flat screens

Shorter replacement times and lower replacement costs are the reasons for the higher levels of cost effectiveness of VARIA compared to other screening systems.



Materials

GIGANT

GIGANT is vulcanised and moulded to a hardness of 60 shore A. It is very abrasion-resistant and elastic.

- → Very resistant to abrasion and elastic
- → Processing broken, sharp-edged and abrasive materials

Quarry · Sand / Gravel pit · Mining · Recycling · Industry

CLEAN

CLEAN is vulcanised and moulded to a hardness of 35 shore A. It is extremely flexible and wear-resistant.

- → Highly flexible and wear-resistant
- → Processing materials that tend to cause plugging

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KÜPRENE

This wear-resistant polyurethane has a hardness of 90 shore A. KÜPRENE is elastic and impact-proof. It is resistant to water and several different chemicals.

- → Elastic and impact-proof
- → Resistant to water and many chemicals
- → Wet screening, dewatering

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GK-SOFT

GK-SOFT is a polyurethane available in various degrees of hardness from 55 up to 85 shore A. It is wear-resistant and elastic.

- → Resistant to wear and elastic
- → Wet screening with blinding issues

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Wire

Wear-resistant screen mesh can be used for tensioned or flat screen panels as well as modular panels for our clamp-on systems.

- → Dry processing with materials that can cause blockages
- → Great open surface, maximum screening performance

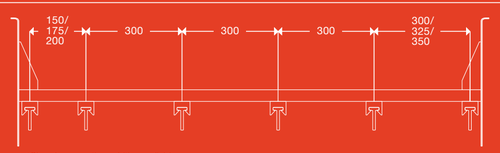
Quarry · Recycling · Chemical Industry

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INFINITY BENCHMARK,11th Floor, Plot-G1, Block-EP & GP
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e-mail: info@internationalcombustion.in
Website: www.internationalcombustion.in

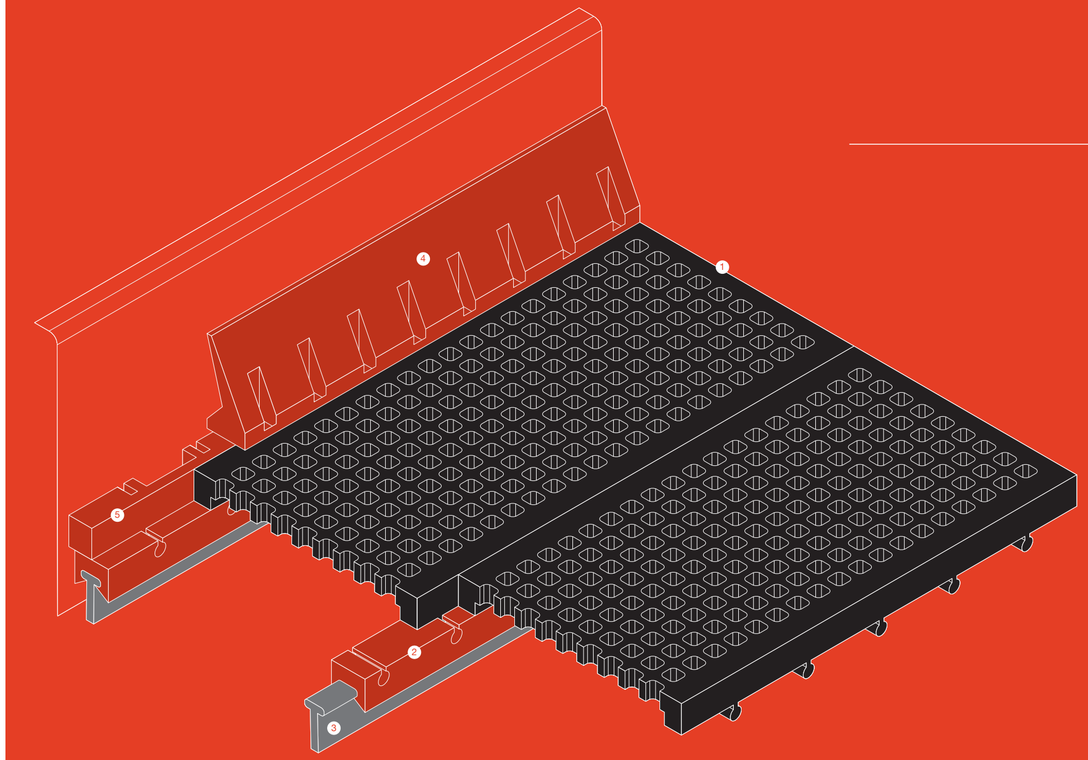
Screen
Dimensions*



*Sizes in mm; other widths available.

VARIA construction

1. VARIA clamp-on screen Standard: 1,000 x 300 mm**, in rubber, polyurethane or wire and panel heights of 35, 45 and 55 mm
2. KÜPRENE adapter bar type I protects the steel profile
3. T-shaped steel profile 70 x 30 x 8 mm, very sturdy, protected against wear and tear
4. KÜPRENE side protection bar Standard heights: 100, 150 und 200 mm**
5. KÜPRENE adjustment bar Width dependent on the distance between the side wall of the machine and the first T-profile, having heights of 35, 45 and 55 mm



**Other sizes also available on request.

Hole shapes

VARIA screen panels with various hole shapes according to customer requirements for the best possible screening performance. Hundreds of different hole sizes and shapes available.



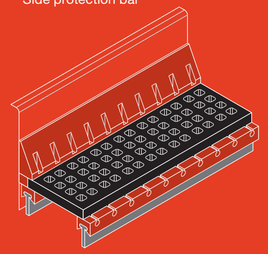
Square opening | Rectangular opening | Round opening | Tear-shaped opening | Slot opening

The VARIA clamp-on system is not only perfectly suited for the initial equipment of new screening machines, but also for the conversion of existing systems.

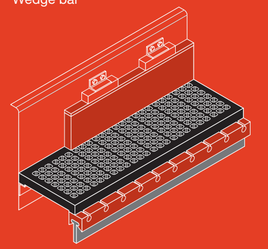
Side protection

Side wear protection of the machine wall in wedged, clamped or bolted designs in various materials and sizes available.

Side protection bar



Wedge bar



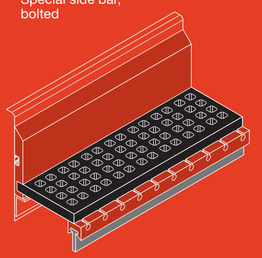
Side bar, bolted



Side bar, dewatering



Special side bar, bolted



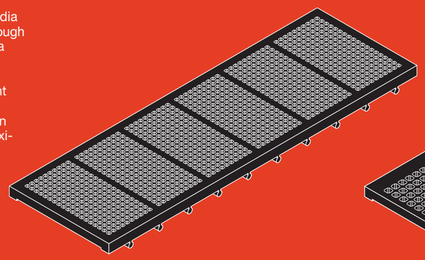
Special designs

Flip-flop screen panel*: Used for media with critical screening properties; through the use of thin screening surfaces a cleaning effect is achieved.

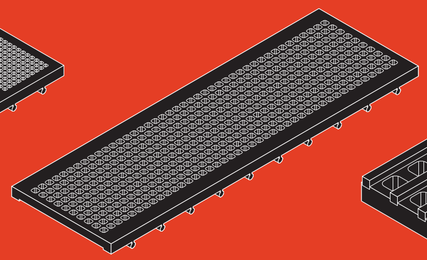
MAX system**: Due to the permanent further development of our VARIA clamp-on system, we are in a position to produce screen panels with a maximum open screen surface.

Roller bars***: For very hard applications, for the protection of the geometry of the holes.

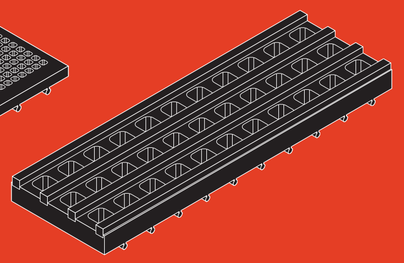
Flip-flop screen panel*



MAX system**



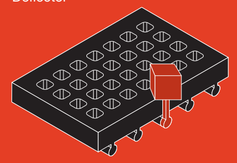
Roller bars***



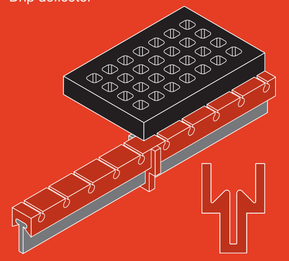
Accessories

For all screen panels we supply the necessary accessories. Central attachment and retarder bars, attachment pots, wedge and side protection bars, wedges, deflectors, bolt protection caps and much more.

Deflector



Drip deflector



Retarder bar

