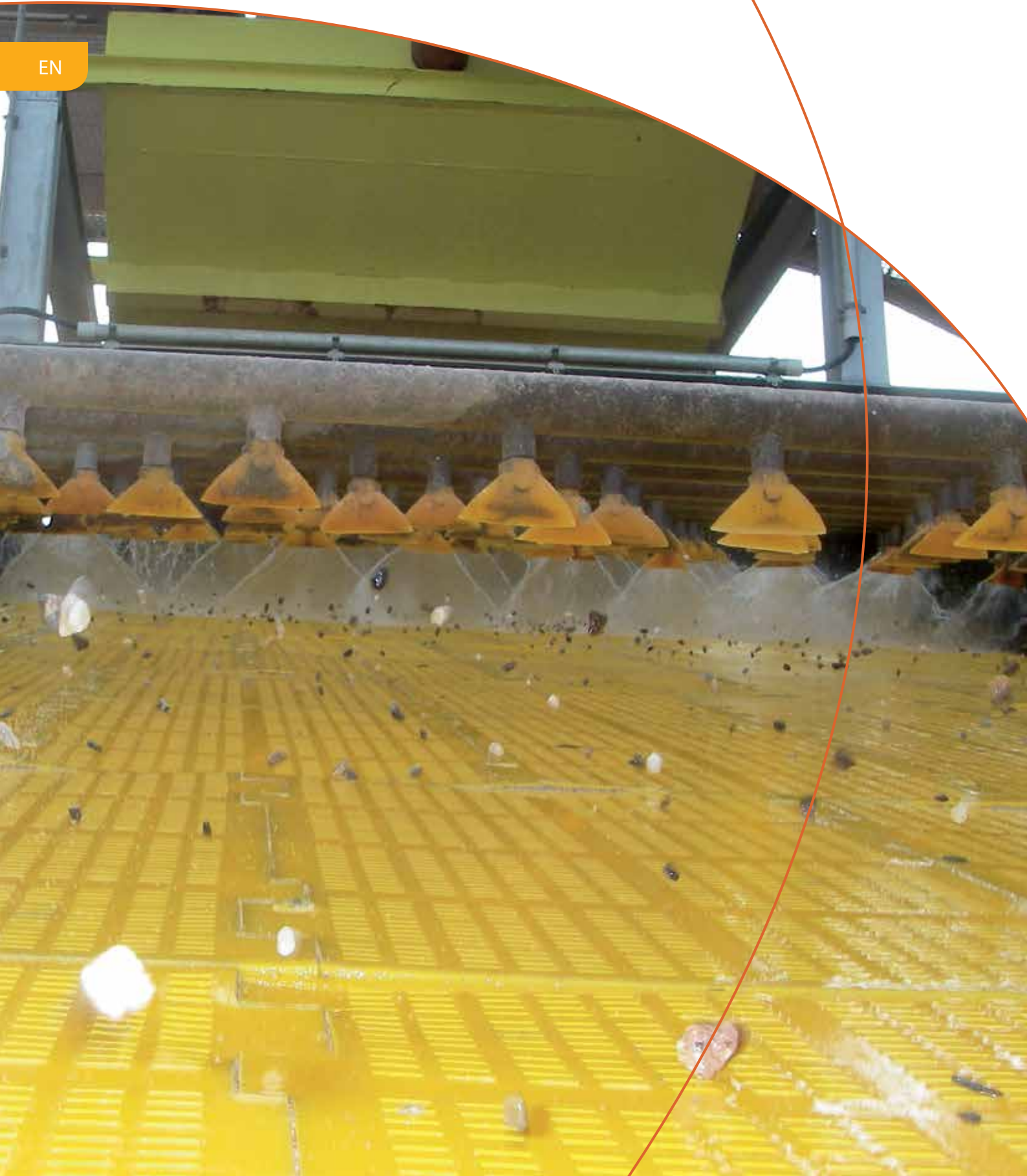


Screening and Conveyor Solutions
Trellex® Modular
Screening Solutions



EN

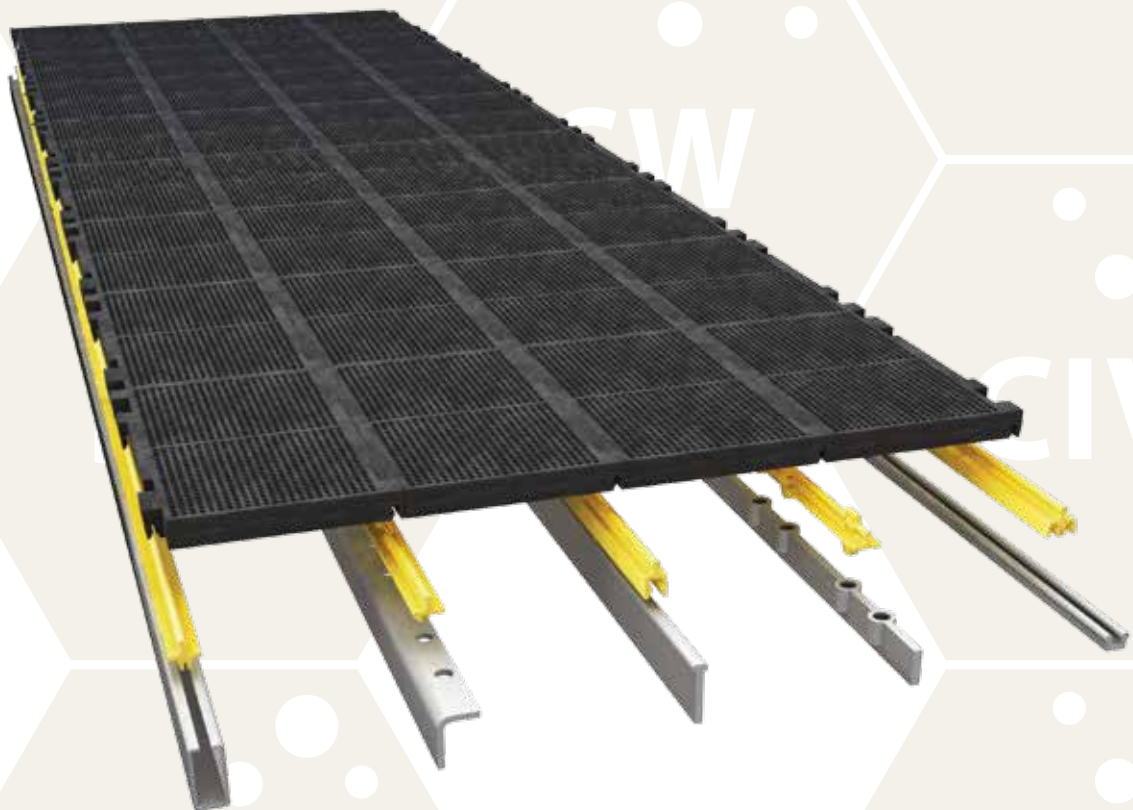


Now everybody can have most profitable

One of the world's best module system for screening media has got even better.

Trellex Modular Screening Solutions is basically our well-known module system, but has now been developed and supplemented to suit practically all screens with mounting both along the length and across the width.

This means that you also can have access to Trellex's well known advantages. We can change your flat modular screening system, to one incorporating a step function, irrespective of whom you present supplier is. This improves production efficiency, reduces costs and increases your profitability.



access to one of the world's screening system

This is how Trellex Modular Screening Solutions increases your production!

Unique step function. More efficient!

Trellex Modular Screening Solutions has a step function which gives increased, more efficient production. Read more on about it overleaf!



Rubber or polyurethane? With Trellex you have the correct material!

Choose a system that gives you access to the best material in every application. Unique Trellex advantage: Read more on page 6.



Quick and easy to change. Reduces downtime

Quick, Trellex system! Irrespective of fitting – snap-on, groove or pin/sleeve – we have built simplicity into the system. In many cases, this can halve the time it takes to change media!



Less weight. Increased capacity

The unique design of the screen modules means that reinforcement is not required. The modules weigh much less and are therefore easier to handle and transport. Energy consumption for the screen is also reduced and the flow of material can increase.



Trellex service and partnership. Lower cost per ton of material produced

You get all Trellex products from one supplier, both the know-how and the solutions. Our goal is to increase your profitability. Read more on page 8.



Environmentally adapted Trellex products

Trellex products beat the toughest environmental requirements. By offering products that are easy to recycle, that reduce noise levels, that improve wear life, that reduce energy consumption.



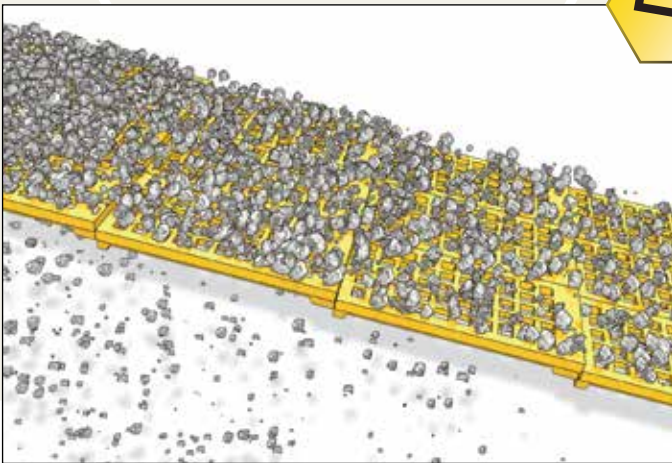
Screen into

With Trellex Modular Screening Solutions you

Trellex Screening Media is based on the lessons of over 40 years of experience. During these years, we have taken a world-leading position as regards product design, development of materials and applications within various sectors in all parts of the world.

One of our most well known contributions is the development of modular system with a step function. We have installed this system in mineral processing applications through out the world, demonstrating increases in efficiency and profitability.

Using our knowledge and experience we developed Trellex Modular Screening Solutions offer a step function in an easy way for practically every type of screen.



Increased production efficiency

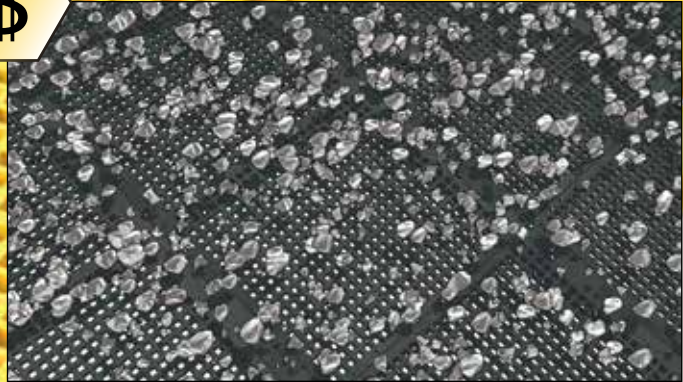
The step function creates a unique cascade effect, continually breaking up and rotating the bed of feed material. Stratification of particles is maximized through the deck quickly, resulting in a more effective screening of fine materials and a reduction of plugging and blinding of the apertures.

This results in a more effective screening of materials and by utilizing a greater part of the deck, increases in efficiency of size, accuracy and production can be achieved.

The step function also gives increased screening accuracy and increased production!

the future

ur screen gets a more efficient step-function

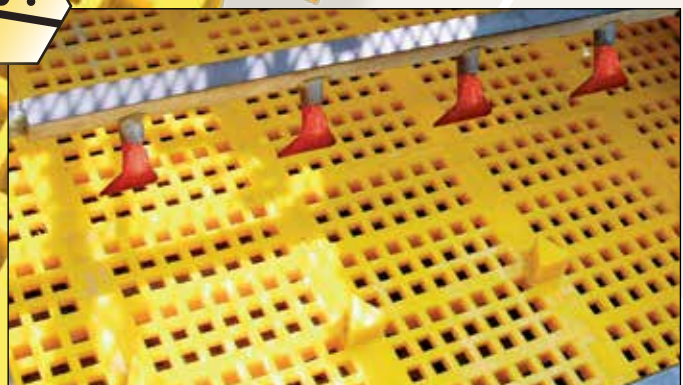


Maximum life

The step function gives a much more even wear than with traditional solutions. Production can be maintained longer before individual modules in the system need to be replaced. When this happens, it is possible to rotate the modules for maximum utilization.

The Trellex Modular Screening Solutions is available in rubber and polyurethane to optimize both wear resistance and performance, a mixture of differing materials contributes to increased deck life.

Modules are available with either punched or molded apertures.



Trellex Modular Screening Solutions also without step function

There are applications in which it is optimal to have a completely flat deck, without the step function. The flexible Trellex Modular Screening Solutions is designed to offer this solution as well.

Increased choice means

With Trellex Modular Screening Solutions

Our mission is to offer the correct screen media solution that is most profitable for each situation, application and requirement.

One requirement for having this is to offer modules both in rubber and polyurethane, selection of either or as a mixture offers more effective production, efficiency and profitability.

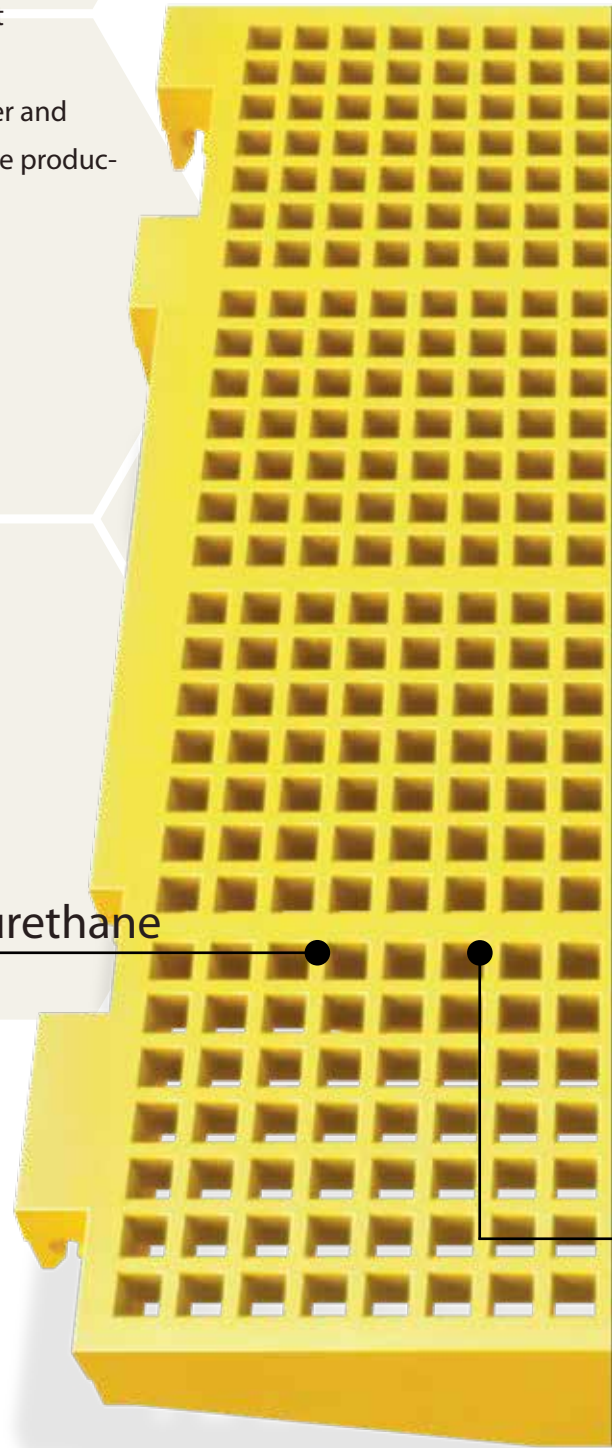
Polyurethane for finer material ...

Our knowledge of polyurethane is as well documented as our knowledge of rubber polymers. Manufacturing of polyurethane products with different properties, optimized for each process, is available. As an example, apertures can be made either slotted or square, and these are molded to maintain the tightest possible tolerances.

Offering exactly the right quality of polyurethane, the good wear resistance and long life of is further increased, together with the minimum possible friction and good self-cleaning, this guarantees maximum production.

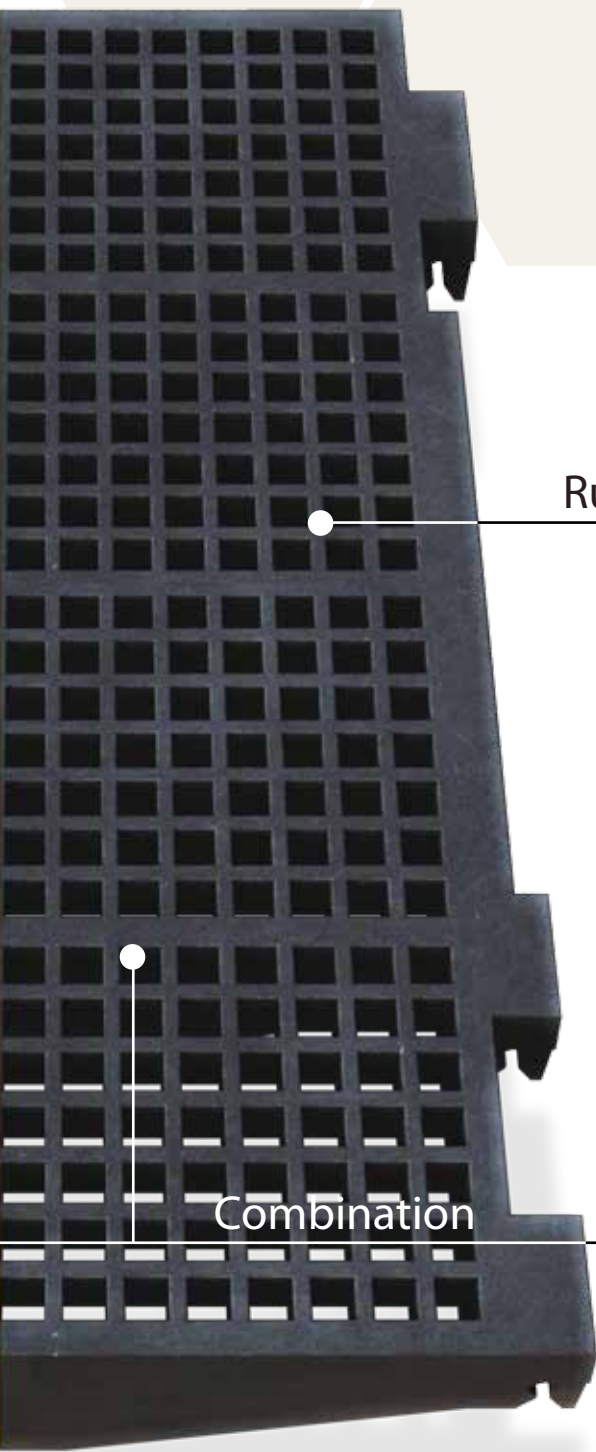


Polyurethane



s increased profitability

ons you get the most optimal material



Rubber

... rubber for coarse and intermediate applications ...

We have adapted the unique properties of rubber to products that quite simply do the job better. Our rubber products are therefore, tailored to your exact requirements. For example, to cope with high temperatures, temperature differences, chemical resistance, match specific tolerances, attain a certain production capacity, and many more applications.

Whatever you need, we have the right rubber product to suit your application.



Combination

... and sometimes a combination is your best choice

Trellex solutions ensure totality and the best end result. Our approach means that we often recommend screening decks with both rubber and PU modules. Quite simply, because that gives an optimal combination of wear resistance and performance.

For example, it is often best to install rubber modules of different qualities and design at the beginning of the screen, where wear is often greatest. The polyurethane modules of various types can be installed further down the deck to maximize the fine screening properties and exactitude.

We will happily put this total concept at your disposal.

Trellex service – When you wa

For us, service m



We know your process and your requirements

A more effective, efficient and profitable screening process, is what Trellex Modular Screening Solutions give you.

You can choose the material that is most optimal for you. World-leading products are at your disposal, with or without step function. And you have access to our know-how and unique experience, which takes account of all steps in your process. Therefore, we can also tailor solutions for all types of screens, materials, fractional requirements, quality levels, etc.



nt greater, assured production

eans partnership



Quick, and sure deliveries

Our local presence is an expression of our ambition to be responsible for the entire process during the life of the product, and further guarantee that you have a tailored solution.

In many places we have local production for quick delivery of customer-adapted screen media, another link for Trellex to offer greater security and reliability of supply in many situations.



Lower cost per ton of material produced

Metso Minerals has all the conditions for being your most profitable partner.

We offer maximum operating security, greater efficiency, lower cost and improved profitability for your operation. We have a unique product program and considerable knowledge for providing you with secure, efficient service, advice, deliveries, installation, upgrading, training, etc.

Screening media that give your

Trellex Modular Screening Solutions h

Irrespective of what screens and screening media supplier you have today, we maintain that Trellex Modular Screening Solutions solves your screening media requirement in a better way.

Quick, low cost and without production interruptions, the smart system makes it easy, in principle, to adapt any screen for Trellex Modular Screening Solutions.

Below you will find the screening media modules available in the Trellex Modular Screening Solutions, for fitting along the length or across the width.

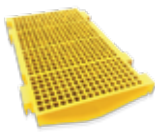
For each screening media module, a list is provided of the most common support rails on various markets that fit the Trellex screening media modules without any need for modification or alteration.

The Trellex LS Rail and Trellex Snap-on Rail are our own products and are marketed and sold by us.



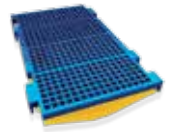
Trellex 300 LS

Module length:
500 - 1220 mm
1.64' - 4'



Trellex 305 LS

Module length:
500 - 1220 mm
1.64' - 4'



Trellex LS Rail



WS 85¹ Rail



Pin & Sleeve Rail

Other

Materials

Choice of aperture

Functions

Environmental advantages

Areas of use

Other



Trellex LS Rail



Pipe-Top Rail



Pin & Sleeve Rail

Other

Materials

Choice of aperture

Functions

Environmental advantages

Areas of use

Other

¹) WS 85 is a registered trademark that belongs to Hein, Lehman Trenn- und Foerdertechnik GmbH.

applications new opportunities

have a better solution for your screens



Trellex 300 TS



Trellex Snap-on Rail

Materials

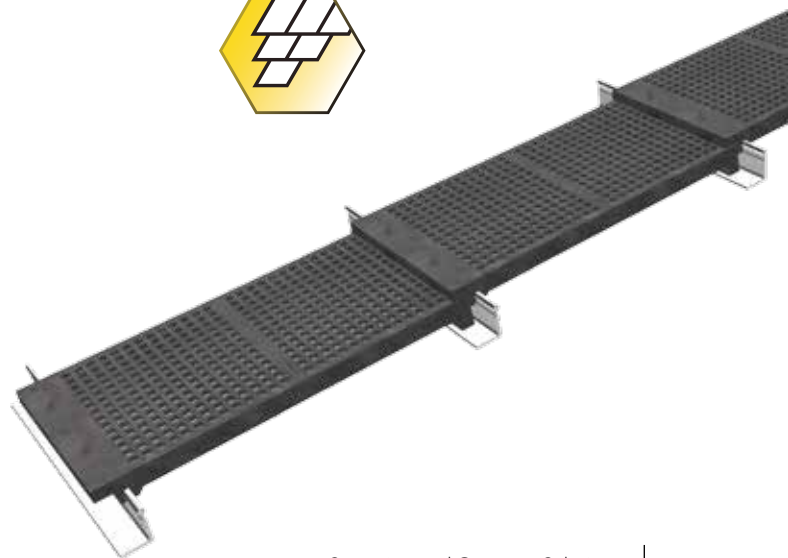
Choice of aperture

Functions

Environmental advantages

Areas of use

Other





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