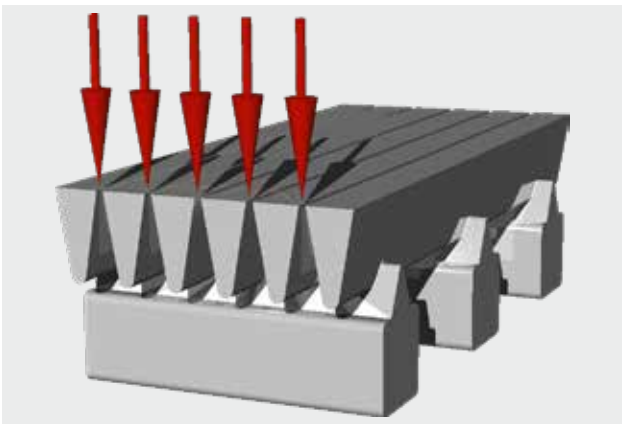
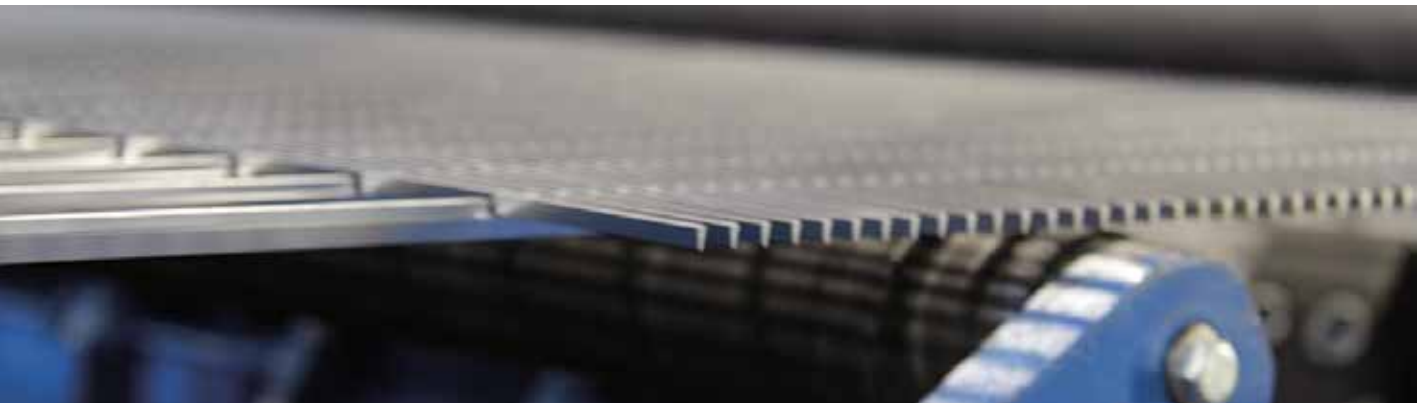


Design Follows Function

We manufacture slotted screen baskets for all common separator types at our production facility in Germany. Made from high-quality stainless steel, our baskets offer outstanding durability, robustness,



and reliable performance in demanding industrial applications. Our screen baskets are manufactured from triangular, sharp-edged profile wires that are continuously welded to a supporting spiral. They are produced in the axial-gap design to optimized OEM quality standards. In this configuration, the gap-forming profile wires run parallel to the longitudinal axis of the separator, providing an ideal solution for your application.



| STEINHAUS Stock Program                                                                       |                                                    | Slot width [mm] |      |      |        |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------|------|------|--------|
|                                                                                               |                                                    | 0,50            | 0,75 | 1,00 | 1,20   |
| Wedge Wire Screen Cylinder Compatible with FAN-Separatoren with length 260 mm / Ø 260 mm      |                                                    |                 |      |      |        |
| eco <sup>drain</sup>                                                                          | ecoDrain <b>HD260</b>                              | x               | x    | x    | x      |
| fast <sup>drain</sup>                                                                         | fastDrain <b>SDX260</b><br>fastDrain <b>HDX260</b> | x               | x    | x    | -<br>x |
| green <sup>drain</sup>                                                                        | greenDrain <b>HDXX260</b>                          | x               | x    | x    | x      |
| Wedge Wire Screen Cylinder Compatible with FAN-Separatoren with length 520 mm / Ø 260 mm      |                                                    |                 |      |      |        |
| eco <sup>drain</sup>                                                                          | ecoDrain <b>SD520</b><br>ecoDrain <b>HD520</b>     | x               | x    | x    | -<br>x |
| fast <sup>drain</sup>                                                                         | fastDrain <b>SDX520</b><br>fastDrain <b>HDX520</b> | x               | x    | x    | -<br>x |
| green <sup>drain</sup>                                                                        | greenDrain <b>HDXX520</b>                          | x               | x    | x    | x      |
| Wedge Wire Screen Cylinder Compatible with Stallkamp-Separators with length 550 mm / Ø 260 mm |                                                    |                 |      |      |        |
| eco <sup>drain</sup>                                                                          | ecoDrain <b>SD550</b><br>ecoDrain <b>HD550</b>     | x               | x    | x    | -<br>x |
| fast <sup>drain</sup>                                                                         | fastDrain <b>SDX550</b><br>fastDrain <b>HDX550</b> | x               | x    | x    | -<br>x |
| green <sup>drain</sup>                                                                        | greenDrain <b>HDXX550</b>                          | x               | x    | x    | x      |
| Wedge Wire Screen Cylinder Compatible with EYS-Separators with length 258 mm / Ø 258 mm       |                                                    |                 |      |      |        |
| eco <sup>drain</sup>                                                                          | ecoDrain <b>SD258</b><br>ecoDrain <b>HD258</b>     | x               | x    | x    | -      |
| fast <sup>drain</sup>                                                                         | fastDrain <b>SDX258</b><br>fastDrain <b>HDX258</b> | x               | x    | x    | -      |
| green <sup>drain</sup>                                                                        | greenDrain <b>HDXX258</b>                          | x               | x    | x    | -      |
| Wedge Wire Screen Cylinder Compatible with EYS-Separators with length 516 mm / Ø 258 mm       |                                                    |                 |      |      |        |
| eco <sup>drain</sup>                                                                          | ecoDrain <b>SD516</b><br>ecoDrain <b>HD516</b>     | x               | x    | x    | -      |
| fast <sup>drain</sup>                                                                         | fastDrain <b>SDX516</b><br>fastDrain <b>HDX516</b> | x               | x    | x    | -      |
| green <sup>drain</sup>                                                                        | greenDrain <b>HDXX516</b>                          | x               | x    | x    | -      |



Slotted Screen Baskets

Suitable for all common **screw press separators** from **FAN, EYS, Stallkamp** and other leading manufacturers.

# OPTIMA ecoDrain

## STEINHAUS - Always Close to Customers

Customer feedback – both positive and negative – is extremely important to us. After all, the only way we can continuously develop and improve our products is by listening to the experiences of the people who use them every day.

By listening carefully to our customers and responding to their feedback, we can even turn complaints into customer satisfaction.

A good example of this is provided by our OPTIMA welded wedge wire screens:

## The EcoDrain Sscreen Basket

In 2019, representatives of a plant operator visited our booth at the Energy Decentral trade fair in Hanover. They expressed considerable dissatisfaction with the service life of the slotted screen baskets used in their screw press separators.

At that time, the customer was still relatively new to STEINHAUS. They operate a mobile manure separation system in the field of economic bedding, where the objective is to achieve the lowest possible residual moisture content. This allows the separated solids from the liquid manure to be reused immediately as cost-effective bedding material for livestock.

The result: the service life was significantly extended, basket failures became a thing of the past and, most importantly, we gained another highly satisfied customer.

Furthermore, the design improvements were incorporated into the product and successfully applied in other demanding applications. This is our success story – a customer-specific solution that evolved into a new standard: the ecoDrain Strainer Basket, the cost-effective alternative to the original screen basket.



# OPTIMA Variants

## Three Screen Basket Variants

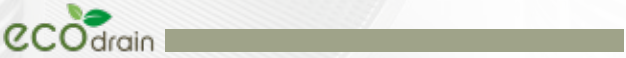
STEINHAUS screen baskets are available in the ecoDrain, fastDrain and greenDrain versions. Separation ensures efficient separation of the liquid and solid components of slurry or biomass. Our rotation-optimized screen baskets separate dry from wet safely, quickly and reliably.

## Product Features

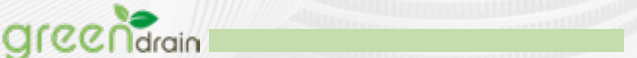
- Cylindrical OPTIMA screen baskets for screw press separators
- Available in one-piece or multi-part designs
- Manufactured in all technically feasible sizes and configurations



The fastDrain screen cylinder is ideally suited for demanding applications with a high solids content.



ecoDrain is our high-quality standard wedge wire screen cylinder.



Looking for a cost-effective bedding solution? Stable. Stackable. Efficient. Choose our greenDrain line to achieve the highest possible TS content.



# OPTIMA Accessories

## G-Rails, T-Rails and Pressure Screws

We offer a comprehensive range of accessories for our wedge wire centrifuge baskets, including:

- Newly manufactured pressure screws
- Refurbished pressure screws
- Plastic G-rails
- Plastic T-rails