

C-bar HerculeX Strong. Solid. Stable.



The strongest screen basket on the market

In screening applications, screen baskets are constantly exposed to huge flow and pressure conditions. Especially during broke and pre-screening, and for high stock consistencies in general, screen baskets have to be able to withstand extraordinary loads.

With over 25 years of experience in the continuous development of C-bar screen baskets, Voith designed the new C-bar HerculeX, a screen basket that combines maximum stability with proven C-bar technology.

Established C-bar technology united with unique hybrid technology

To allow a smooth screening process in all stock preparation applications, Voith developed the innovative hybrid technology that provides screen baskets with maximum loading capacity. Due to the improved clamping technique, the screen basket's maximum strength is combined with proven C-bar technology, while the open screen surface remains. This enables longer maintenance intervals, resulting in reduced maintenance cost. The compact design combined with the proven bar geometries helps to achieve maximum throughput due to the large open screen surfaces.

Lowest investment cost, long service lifes

Apart from its exceptional stability, the new screen basket impresses thanks to its low investment cost, as there is no need for a complex manufacturing process like bonding or welding. The special wear-protected material the screen basket is made of also helps to achieve long machine service lifes and is chemically resistant.

Customized solutions

Due to the options for bar width and angle, slot width and chrome coating thickness, the screen basket can be adapted to the customer's specific requirements. The most reliable screening process is achieved in combination with Voith's proven EclipseRotor. C-bar HerculeX can be used in all Voith screening systems as well as those of other manufacturers.

Your benefits C-bar HerculeX

- + Maximum stability in applications with high stock consistencies and rotor speeds such as broke screening and pre-screening
- + Efficient screening due to individual adjustment of slot widths and geometries combined with proven C-bar technology
- + Low investment costs compared with welded or bonded screen baskets
- + Cost savings for screen maintenance
- + Maximum throughput due to large open screen area
- + Long service lifes thanks to wear-resistant material



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