



Stable – more stable – most stable C-bar HerculeX

C-bar technology

Voith has over 30 years of experience in the continuous development of C-bar screen baskets. With a wide choice of bar width, bar angle, slot width and chrome coating thickness, we can meet individual customer requirements.

The unique overlapping profile of the bars ensures constant slot widths for each C-bar variant throughout the entire service life of the basket.

In some applications, screen baskets are subjected to such strong flow and pressure conditions that extremely stable materials and a special design are required. Particularly in reject and presorting, and generally with high material consistencies, the loads are at their highest.

C-bar HerculeX

In 2017 we developed a screen basket that combines the highest stability with the proven C-bar technology: the C-bar HerculeX.

Through the innovative hybrid technology of these baskets, the highest load capacities are achieved. High open screen surfaces are maintained thanks to an additionally developed clamping technique that combines the maximum strength of the screen baskets with the proven C-bar technology.

Your benefits with C-bar HerculeX

- + **Highest stability for applications with high stock consistencies and rotor speeds, such as reject and presorting**
- + **Efficient sorting through individual adjustment of slot widths and geometries with proven C-bar technology**
- + **Low investment costs compared to welded or bonded screen baskets**
- + **Cost savings for sorter maintenance**
- + **Maximum throughput due to high open screen area**
- + **Long service life due to wear-protected material**

C-bar HerculeX



C-bar HerculeXX

In some applications, especially in pulp production, the stresses are even higher. Here, there is a need for even more stable screen baskets, especially in the area where the screen cylinder connects to the end ring.

The C-bar HerculeXX has been developed precisely for these requirements. This screen basket combines the hybrid technology of the HerculeX with an innovative screw connection of the end rings to the screen cylinder – all the while retaining the high open screen surfaces.

In addition, the unique screw connection of the end ring offers the possibility to reuse it when replacing the screen cylinder, which contributes to a sustainable material usage reduction.

C-bar HerculeX D

In coarse sorting, high forces occur, particularly when contaminants accumulate substantially and thus become jammed between the rotor and the basket. Spoiler bars on the screen surface prevent the accumulation of contaminants and specifically guide them out of the machine via the screen surface.

This is precisely the principle behind the design of the C-bar HerculeX D, which is therefore particularly suitable for the first stages of coarse sorting.

C-bar HerculeXX



C-bar HerculeX D



Please click on this [link](#) or scan the QR code to visit our Screen baskets and rotors website:



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