

The Proven Screen Choice For Your Project

When it comes to screening technology, there are many options to choose from. With nearly 40 years of designing and building screening equipment, the experienced staff at Vulcan Industries can help make your decision easier. We offer several types of mechanical bar screens to fit a wide array of applications, each custom manufactured to fit your specific requirements. In addition, Vulcan offers a complete line of complimentary, post screening equipment ranging from sluiceways and conveyors to screw presses and washer compactors.



Mensch Severe Duty™ Bar Screen

▼ Mensch Severe Duty™ Bar Screens

Leading the way is the **Mensch Severe Duty™ Bar Screen**. Ideally suited for severe-duty applications including CSO's, pump stations, and deep gravity flow sewer systems, the single rake mechanism is designed to power through the heaviest debris. Large cross-section structural framework, heavy duty bar racks, severe-duty rake assemblies and rugged pin rack and cogwheel drive systems are standard features on all Mensch bar screens. The available submersible drive is able to continue to operate during flooding, withstanding water levels up to 30'. In addition, pin rack components are available in hardened stainless steel with a heat cured dry lubricant system to minimize maintenance in deep or submerged applications. If your plant is subject to freezing conditions, Vulcan offers heat tracing systems and full weather enclosures to combat the elements.



Model VMR Multi-Rake Screen

▼ Model VMR Multi-Rake Bar Screens and Sluice Trough

Next in line is the Vulcan **Model VMR Multi-Rake Bar Screen**. The VMR is well equipped to handle high capacity screening applications, including deep sanitary sewers, as well as plants that are subject to heavy leaf loads during rain events. With rigid self-supporting frames, heavy-duty "boomerang" style bar racks, rugged stainless steel chain and sprocket system, multiple rakes and variable speed drives, the VMR was designed with maximum screenings capacity in mind. Options include stationary or pivoting frames, lower sprockets or fixed shoes, sectional bar racks, full odor control enclosures and freeze protection systems.



Find more product information at:
vulcanindustries.com

Rev. 1



Vulcan Bar Screens



Models ESR and ESR-S Stair Screen

If high screenings capture is your greatest concern, look no further than the Vulcan line of stair screens. Well suited for gravity and pumped flow sanitary sewers as well as sludge screening the **Models ESR and Model ESR-S Stair Screens** are all equipped with heavy duty, pivoting side frames, fixed drive units, self-adjusting, heavy-duty chain drives, positive screenings discharge and full odor control enclosures. Designed to operate intermittently, the ESR and ESR-S stair screens provide high filtration due to the mat of screenings that are allowed to build on the stair shaped lamella surface. Some options include screen openings ranging from 1 to 6 mm, automatic chain lubricators and odor control connections.

▼ Model ESR Stair Screen and Model EWP Washing Press



Model VKR Knuckle-Rake Bar Screen

Need an inexpensive, no frills screen for a small plant? The VKR multi-rake screen could be the answer for you. The VKR is designed for small channels, low flows and limited budgets. It is well equipped to handle low to medium capacity screening applications, including sanitary sewers and storm applications. With rigid self-supporting frames, heavy-duty bar

racks, rugged stainless steel, self-supporting links, a simple drive unit, multiple rakes and variable speed drives, the VKR was designed for nearly maintenance free operation. Options include stationary or pivoting frames, stainless steel and UHMW rakes, separate bar racks, full odor control enclosures and freeze protection systems.

▼ Model VKR Knuckle-Rake Bar Screen



Vulcan: The Proven Screen Choice

In addition to the screens featured above, Vulcan offers the LFS/LFP Rotart Drum Screens for pumped flow applications and the Model SS static screen for smaller pumped flow applications. For personalized service and recommendations on your screening needs, contact us to help you make the right choice.

Find more product information at:
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