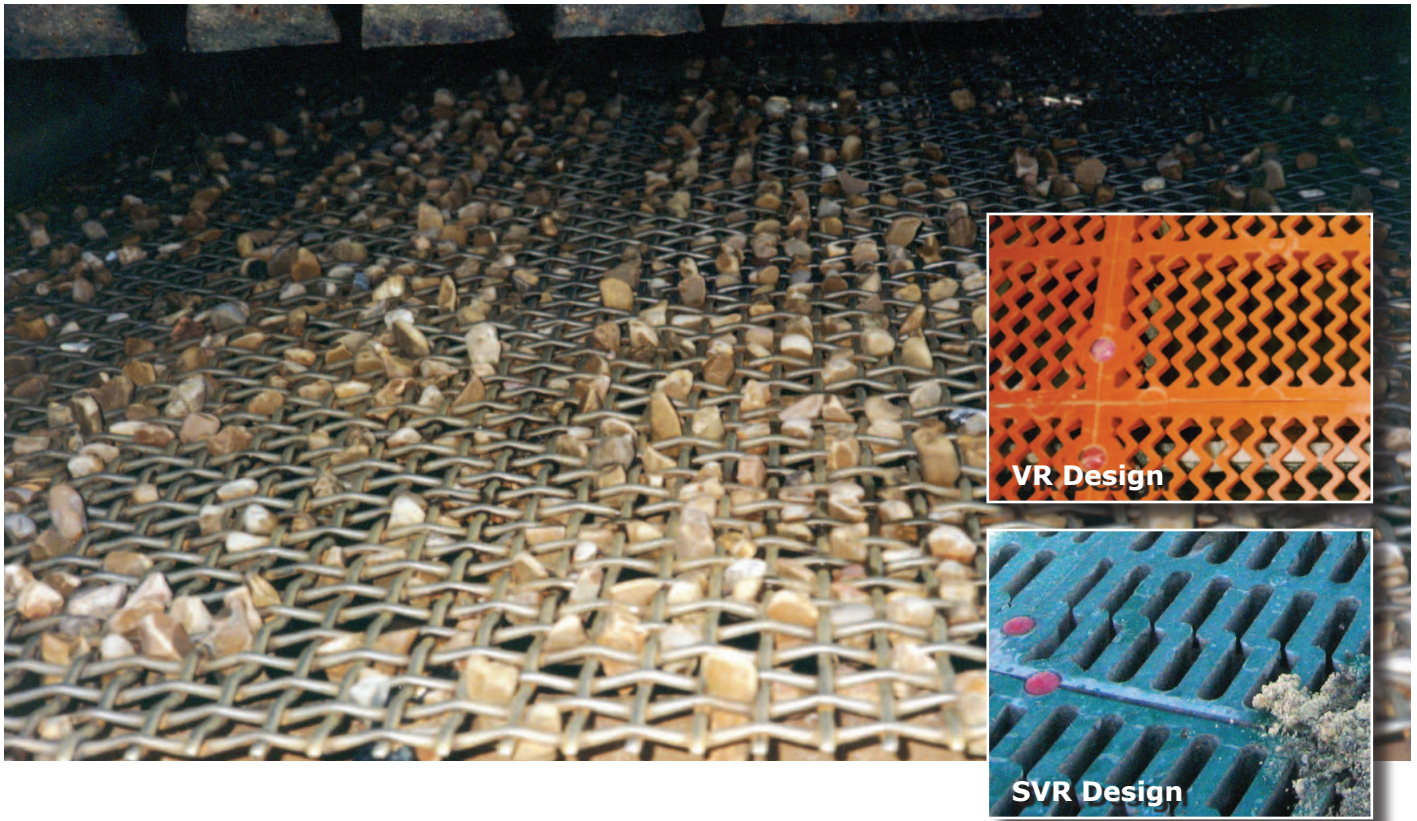


Plugging



DESCRIPTION

Plugging occurs when near size material becomes lodged in the screen openings and cannot pass through. There are many possible reasons for plugging, including screen media designs that have material that is too hard or stiff to allow product to pass through; an opening that is not designed with the correct relief angle to allow passage of the product; a high percentage of near size material on the screen deck or a vibrating screen with incorrect stroke and speed settings. Whatever the reason, the result is reduced production from the ever decreasing open area of a plugged screen and frequent, time-consuming and costly attempts to clear plugged product.

SOLUTION

Depending on the application, Polydeck offers a choice of solutions to plugging problems. For wet applications, our VR (zig-zag) screen panel design was created specifically to reduce plugging. Because each bridge is connected only at key points, the bridges vibrate, allowing the near size particles to either pass through or be dislodged, which significantly reduces the possibility of plugging. In applications that allow the passing of elongated materials, our slotted VR (SVR) panel design provides a good solution because of the more flexible structure of its screen panel openings. Whichever option best suits your specific application, plugging need not bring your operations to a snail's pace again.

OPTIONS

Polydeck standard VR screen panels are available in opening sizes from 2mm up to 90mm and our slotted VR screen panels range from the smallest opening size, .65mm by 7mm, to the largest, a 147mm by 215mm opening.