

# Dewatering



**DESCRIPTION**

Applications where the product is being pulled from wet locations, like dredging or many sand operations, typically require water to be removed in order to achieve a saleable product. Such processes are said to drain or “dewater” the product. The challenge becomes removing the water while retaining as much of the solids as possible at high capacity.

**SOLUTION**

Polydeck’s injection molding process provides the perfect solution to dewatering challenges because of its precision and repeatability. Unlike other processes, where shrinkage and ambient conditions can produce inconsistent opening sizes, injection molding ensures high quality, consistent panels every time. Combining consistent opening quality with our high open area Maxi panel design results in screen panels that have more open area to drain water than any other panel available today.

**OPTIONS**

Polydeck offers a multitude of screen panel designs for dewatering applications. Slotted panels have multiple rows of slots spaced across the panel surface, with the finest having .1mm by 9mm openings. Our continuous slot panel is yet another Polydeck innovation which features continuous, parallel slots running the entire length of the panel. These slots vary in width from .65mm to 2mm.

The ability to integrate surface features to our panels, like dams, restricted flow bars and our “SSP” design (to cut surface tension), allows Polydeck to offer the widest range of dewatering options in the industry.