



DEWATERING SCREEN

The Eagle Dewatering Screen is specifically designed to put the finishing touches on a partially dewatered product from a sand screw. Typically, the screw discharges material with a moisture content of around 20%. By adding the Eagle Dewatering Screen, that percentage can be cut to 7-10%.

Any sand product that is processed with water is going to need the water removed before it is sold. Stacking can take time and valuable space away from your operation. The Dewatering Screen will drastically cut your moisture content and improve your site's efficiency. Optional spray bars are installed across the width of the screen for the final stage of cleaning.

This Dewatering Screen is built with a lower profile to fit directly under the screw and allow room for a discharge conveyor underneath. In order to remove the water, the Eagle Dewatering Screen is built to handle high g-forces and also incorporates a variable frequency drive. Looking to recover more fines or put water directly back into your process? Eagle Iron Works has engineered this Dewatering Screen to do just that. Eagle offers the option to return fines back to screw in a controlled measure to reduce your overall water footprint. Alternatively, the material could be sent directly to a pond or other downstream processing equipment to create a secondary product.

If you are looking for a dewatering solution that fully integrates with any existing sand screw, the Eagle Dewatering Screen is for you. Built to last and for high capacity, this Dewatering Screen will increase your bottom line and give you that extra dollar in your pocket.

DESIGN FEATURES

- High-Quality Wear Liners
- Optional Deck Dividers
- Huck Bolt Construction
- Heavy-Duty Urethane Screen Media
- Low Vertical or Install Footprint
- Low HP Vibratory Motors

APPLICATIONS

- Final Dewatering
- Fine Material Washer Discharge
- Separator™ Underflow

Dewatering Screens							
Dewatering Screen	Screen Size	Electric Motor (HP)	Capacity	Machine Wt. Empty	Concrete/Coarse Sand	Mason/Fine Sand	UFR (-100 µm)
DS 512	5' x 12'	2 x 8.5	160 tph	6815 lbs.	160 tph	120 tph	80 tph
DS 712	7' x 12'	2 x 8.5	300 tph	8155 lbs.	300 tph	225 tph	200 tph