

## Dewatering of Sand



### Benefits:

- Heavy duty design for long life
- High dewatering efficiency
- Only a small amount of fines in water circuit
- Wear resistant screen decks made of polyurethane

### Technical Data:

Type of machine: SRW 2440 X 6100  
Length: 6100 mm  
Width: 2440 mm  
Weight: 13.5 tons  
Product: Coast sand with water  
Drive: 2 Exciter drives – JR 806  
Driven via 45 kW motor  
Grain size: < 0.315 mm  
Capacity: 300 t/h sand  
Initial humidity: 40%  
Residual humidity: 13 to 16 %  
depending on grain size

### APPLICATION AND OPERATION:

Fine sand from the beach open pit mined, where precious heavy metals are washed out.

After the dewatering process the sand is ready to be conveyed on belts and is stored close to the pit.

Each machine dewateres 300 t/h of sand with an initial humidity of approximately 40%, which is reduced to 13 to 16% residual humidity depending on grain size.

Since 99% of the material is smaller than 0.315 mm, special screen decks made of polyurethane were made for this application. The grid opening is 0.35 mm x 0.13 mm.

**Innovative**  
**Rugged**  
**Reliable**

**JVI**  
New name,  
same great product