

TS Dewatering Screen



Brief Introduction

The main deck of the screen slopes upwards at 5° and forms a 45° sloping angle with the back-deck section. The design is unique, screening and dewatering effect is good. The embedded modular screen deck panels are easily replaced.

The wearable rubber impact damper is adopted and durable. It's used for dewatering of tailings.

Screening sieve: **PU** screening sieve

Sieve thickness: **45mm**

Special structure: **bending bottom** side body plates, no watering leaking

Optional benefits: **water box**

Working principle:

Dewater vibrating screen adopts dual-motor self-synchronization technology. The motors coordinate with universal eccentric and adjustable amplitude vibrator. When the two motors start to work, the vibrators move reversely at the same time. The centrifugal force is generated by the eccentric blocks superpose themselves and form a single direction vibration. The high frequency vibration drives the screen move back and forth in line repeatedly. So the sand will be dehydrated and filtered.

Features:

1. Advanced structure, light weight, high dehydrating ratio with new type vibrating motors.
2. Simple structure, easy maintenance.
3. Cross beam and screen body connect with high strength bolts, no welding and easy to remove and maintenance.
4. Polyurethane screen (PU) high screening ratio, big capacity, long service life and no blocking.
5. Widely used, less replacement parts.

Main Technical Parameters

Model	Area of screen (m ²)	Power (kw)	Capacity (m ³ /h)	Feeding size (mm)	Weight (kg)	Dimension (mm)
TS0720	1.4	0.75*2	5-10	≤10	0.8	2300*1000*750
TS9020	1.8	1.1*2	10-20	≤10	1.2	2300*1200*750
TS1020	2	1.5*2	10-30	≤10	1.6	2300*1300*750
TS1225	3	2.2*2	50-80	≤10	2.1	2800*1500*800
TS1530	4.5	3*2	100-120	≤10	3.2	3300*1800*800

Application:



Mining Dewatering Screen For Mineral Tailings