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**DEWATERING SCREEN**

**Introduction**

Dewatering Screens are used for separation of solids from liquids. They are used in mining sector for high level screening, dewatering and draining applications of coal, gold, iron, lead, chrome, sand, etc.



**Features**

1. High working frequency, heavy vibrating intensity, low moisture of product on the screen, high capacity. When used for tailing dehydration, it can get higher solid recycle.
2. The adoption of auto-synchronization principle, motor drives vibrator by tire coupling, the structure is simple, and the noise is low.
3. Side push plate of screen surface adopts to polyurethane material, long service life, and it can protect the frame efficiently.
4. Single deck or double deck design
5. Incline or horizontal installation
- 6 Screen media: rubber, polyurethane, woven wire or perforated.
7. Suspension: steel coil springs or molded rubber buffers.

## Working principle

Dewatering screen adopts dual-motor self-synchronization technology. Motors coordinate with universal eccentric and adjustable amplitude vibrator. when dual motors start to work, centrifugal forces which generate by the eccentric models will superposition themselves and forming a single direction vibration. The high frequency drive vibration drive of the screen will line move back and forth in line repeatedly.



## Parameters

Model	Screen area (m <sup>2</sup> )	Power (kw)	Capacity (m <sup>3</sup> /h)	Feed size (mm)	Weight(t)	Overall dimension (L*W*H) (mm)
DS1020	2	2*1.1	20-30	≤10	1.6	2250*1340*1185
DS1224	3	2*2.2	50-80	≤10	2.1	2820*1590*1362
DS1530	4.5	2*3	100-120	≤10	2.5	3320*1900*1351
DS1840	7.2	2*4	150-200	≤10	3.5	4200*2441*1980
DS2445	10.8	2*7.5	200-250	≤10	6	4800*3100*2230

● **Polyurethane screen(1500\*3000mm)**

It is fixed by bolts, easily replace new one / thickness: 40mm

**Main Features**

- Good wear resistance; High tensile strength
- Anti-static; High load capacity
- High-temperature resistant
- Excellent dynamic mechanical formulation
- Oil resistance; Solvent resistance
- Hydrolysis resistance; Antioxidant



**Note: All the above information is subject to our final confirmation and for your reference only.**

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