

## **VIBRATING SCREEN (JOHNSON TYPE)**

**Vibrating Screens** are used for screening of all fibers containing impurities. These screens are used for screening of low as well as high consistency pulp. The screen removes large impurities such as film, plastics, wet strength specks, metal particles, wooden splinters etc.

Vibrating screen are fitted with either slotted or perforated screen plates are conveniently opted for any screening requirements.

The vibrating screen consists of a M.S fabricated screening with S.S. 316 screen plate having 3 mm dia. holes. A shaft supported on two heavy duty bearings in grease lubricated C.I. bearing housing is fitted to the center of the screening through. The screening through is freely carried on four nos. of coiled springs, which rests on a M.S fabricated bottom vat. The bottom vat is provided with an adjustable partition for maintaining the level of the accepted pulp. A nozzle is provided on the bottom vat for the collection of the accepted pulp. The bottom vat is provided with hand holes for cleaning purpose.



### **Salient Features:**

- It works on the principle of positive size separation of consistencies below 2%.
- It can be used anywhere in the system to effectively control fibre loss from a sercore, pressure screen or other mainline screening equipment rejects.
- Higher yield with gentle treatment of the fibre material.
- Vibration Screen is fitted with screen plate which is made of SS.
- Screen vibrates on an air cushion thus avoids jamming.
- Higher Capacity & higher efficiency.
- Rugged design with vibrating motor for good dimensional stability. This arrangement gives minimal wear and tear and thus lower resistance.
- High frequency motion & reduced noise levels.
- Low Power Consumption & easy for maintenance.
- Various Models are available as per customer requirement.

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**Global Paper Machinery & Engg. Co.**

82, Ganga Sagar Scheme, 200 Feet Bypass,  
Sirsi Road, Jaipur-302021

Tel: +91-141-5179040, 2470290, Fax: +91-141-5179040

**Email:** [sales@globalpapermachine.com](mailto:sales@globalpapermachine.com)