

# VIBRATING SCREEN



*Manufactured under technical collaboration with KDS Maschinenbau of Germany, successor of world renowned Boehringer technology.*



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*Innovative Design, Technology & Service*

**APOLLO**

*Quality Mining Equipment*

# VIBRATING SCREEN

## Main Features :

Apollo make Vibrating Screen consists of two spherical roller bearings in each housing with bore sizes up to 140mm. These housings are connected using a cardan shaft which reduces the weight of the vibrator mechanism, reduces shaft deflection and increases the space between the decks when changing screen media. This innovative design ensures that bearing changes or counterweight adjustments can be made with minimum downtime keeping screens working productively. The bearing housings fitted with specifically designed bearings for vibratory applications are designed to accommodate thermal expansion. The Vibrating Screens are also available with conventional two bearing design.

## Features at Glance :

- ◆ Optimum flexibility with the highest possible performance.
- ◆ The innovative vibrators are coupled across the width of the screen using cardan shaft.
- ◆ Four bearing design with high operational reliability.
- ◆ Excellent service access under the screen box for maintenance.
- ◆ Easy replacement of wear and spare parts.
- ◆ Low operating and maintenance cost.
- ◆ Built as track mounted, wheel mounted or stationary installation.

## Applications :

- ◆ Gravel and Sand screening
- ◆ Construction Waste screening
- ◆ Mining screening
- ◆ Stone screening
- ◆ ROM pre-screening
- ◆ Recycle material screening



## Technical Specifications

Model	Deck Size	Capacity	No. of Deck	Power Rating (kW)	Screen Speed (rpm)
VS 1000 x 1900	1000 x 1900	20 - 50	1 / 2 / 3 / 4	5.5 / 7.5 / 11 / 15	900 - 1200
VS 1200 x 3000	1200 x 3000	200 - 350	1 / 2 / 3 / 4	7.5 / 11 / 15 / 22	900 - 1200
SS 1200 x 3000	1200 x 3000	120 - 200	1 / 2	11 / 15	900 - 1200
VS 1500 x 4500	1500 x 4500	120 - 250	1 / 2 / 3 / 4	11 / 15 / 22 / 27	900 - 1200
VS 1800 x 5000	1800 x 5000	200 - 350	1 / 2 / 3 / 4	15 / 18 / 22 / 30	900 - 1200
VS 1800 x 6000	1800 x 6000	200 - 400	1 / 2 / 3 / 4	18 / 22 / 30 / 37	900 - 1200
VS 2100 x 6000	2100 x 6000	250 - 500	1 / 2 / 3 / 4	22 / 30 / 37 / 45	900 - 1200

With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice. Accessories shown are optional and not a part of standard supply. Technical data are approximate and should be used as a guide only. Capacity and power requirements depend on the type and characteristics of the feed materials.

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