

Vibration Screen VIB Series

Hergen vibrating screen are used to screen secondary stock to paper mill. It can be applied with other selectfiers screen as light/heavy turbo separator reject, pressure screen, approach flow and can be applied as screen to remove knots from grinders used in ground wood system.



- Can be supplied as cylindrical holes screen, cylindrical tapered holes and slots.
- Stainless steel vibrating table, installed over special elastomer.
- Hinged hood to avoid stock sparkling.
- Easy clean feeding tank which is conjugated to feeding box.
- Accept tank equipped with easy adjustment of the stock level.
- Stock cleaning and dilution shower with special nozzles which avoid obstruction.
- Direct electric motor drive with special elastic coupling.
- Low maintenance cost.



TECHNICAL FEATURES

MODEL	Screen Area	% Consistence	Hole diameter	Flow	Through put	Electrical Motor
VIB-I	0,75 m ²	0,8 - 1,0%	2,0 mm	750 l/min.	10 t/24 h	3 cv @ 830 RPM
VIB-II	1,5 m ²	0,8 - 1,0%	2,0 mm	1500 l/min.	20 t/24 h	5 cv @ 830 RPM
VIB-I	0,75 m ²	4%	4,0 mm	260 l/min.	15 t/24 h	
VIB-II	1,5 m ²	4%	4,0 mm	520 l/min.	30 t/24 h	

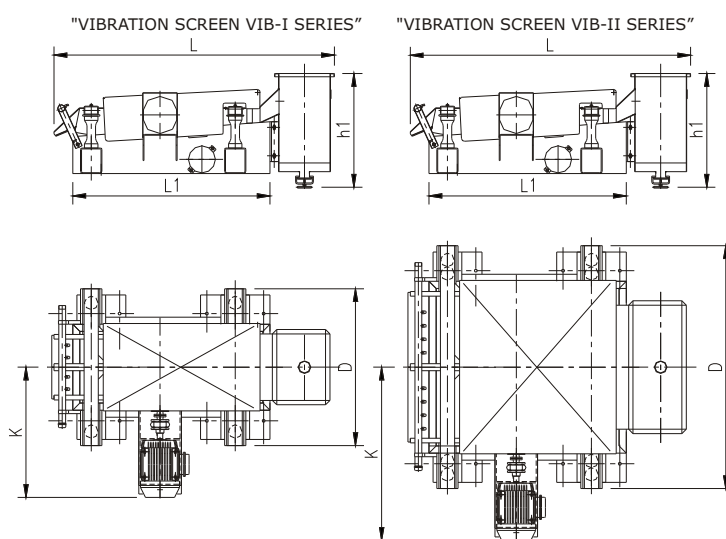
QUICK REFERENCE THROUGHPUT TABLE

* VIB II Screen Throughput – low consistence

Hole diameter	% Consistence	Waste paper t/24 h Approach flow**	Waste paper t/24 h	Ground wood t/24 h**	Pulp short fiber t/24 h**	Pulp long fiber t/24 h**
1,0	0,5	8	-	-	-	-
1,5	0,66	12	-	12 - 24	-	-
2,0	1,0	20	-	15 - 20	-	-
2,5	1,0	25	15 - 18	20 - 25	20 - 25	-
3,0	1,0	30	22 - 25	25 - 30	25 - 30	-
3,5	1,0	35	26 - 29	30 - 35	30 - 35	-
4,0	1,0	40	30 - 34	35 - 40	35 - 40	30
4,5	1,0	45	35 - 39	45	45	35
5,0	1,0	50	40 - 43	50	50	40

* The VIB-I (0,75 m²) throughput is about 50% of the values of VIB-II (1,5 m²) table.

** Technical and dimensional data above mentioned can be changed.



Main Dimensions

MODEL	VIB-I	VIB-II
D	955	1710
L	1976	1976
L1	1390	1390
h1	810	1040
K	860	1212



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