

MODEL AND SPECIFICATION

VIJIMECH MODELS	SCREEN SIZE (DIA-MM)	SCREEN AREA Cm ²	MOTOR HP	HEIGHT OF LOWEST DISCHARGE A (MM)	TOTAL HEIGHT INCLUDING DUST COVER B (MM)	
					SINGLE	DOUBLE
PGS 24	610	2920	0.5-1.0	425	880	1020
PGS 32	760	4535	0.5-1.0	425	880	1020
PGS 36	915	6576	0.75 - 1.5	560	1030	1170
PGS 48	1220	11680	1.5-2.0	560	1030	1170
PGS 60	1525	18265	3.0-3.0	560	1110	1330
PGS 72	1830	26290	3.0-5.0	560	1110	1330
PGS 84	2130	35610	5.0-7.5	660	1210	1430
PGS 96	2435	46350	5.0-7.5	660	1210	1430

PRINCIPLES

Gyratory motion is the most effective method for screening. It causes 100 % rotary motion and causes dispersion stirring and stratification of material to be sifted. Feed material constantly flows in Horizontal motion along a loop pattern on Vibro screen surface. "VIJIMECH" Vibro screen provides optimum screening and assures maximum feedrate and efficiency.

FEATURES

Vibro screen are driven by a special type of vertically mounted motor having eccentric weights at the upper and lower end of the shaft. Rotation of out of balance top weight causes vibration in Horizontal plane where as the rotation of lower weight causes tilt and vibrations in vertical plane.

PRINCIPLES OF MULTIPLANE MOTION

The heart of the vibro screen is its special heavy duty, Robust Motor, having out of balance weight at top & bottom. By changing their lead angle, various spiral screening patterns are obtained to suit different applications.

APPLICATIONS

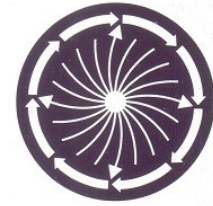
Food Industry
Chemical industry
Pharmaceuticals
Ceramics
Plastics
Abrasives

ADVANTAGES

Varied range of application
Accurate separation
Low power consumption
High processing rate per unit area of screen
Minimum screen blinding



0° Lead



15° Lead



45° Lead



90° Lead

optimum continuous particle screening at **maximum efficiency**

Manufactured by:

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