VORTI-SIV®

VORTI-SIV®
A DIVISION OF
Industries, Inc.

RVM®-12” TO 48” SCREEN DIAMETER

Compact Sieving & Separation Equipment

APPLICATIONS:

FROM PHARMACEUTICAL TO POWDER COATING

The RVM®-15 with 15” screen diameter and the larger RVM®-22, RVM®-30 & RVM®-36 which utilize 22”, 30” & 36” screen diameters are four of the most efficient sieving and straining machines available. These 1800 or 3600 RPM units are extremely effective on many wet or dry applications. Popular uses include quality control security screening of powders, liquid straining, product reclamation and particle separation.

RVM®-E-SERIES

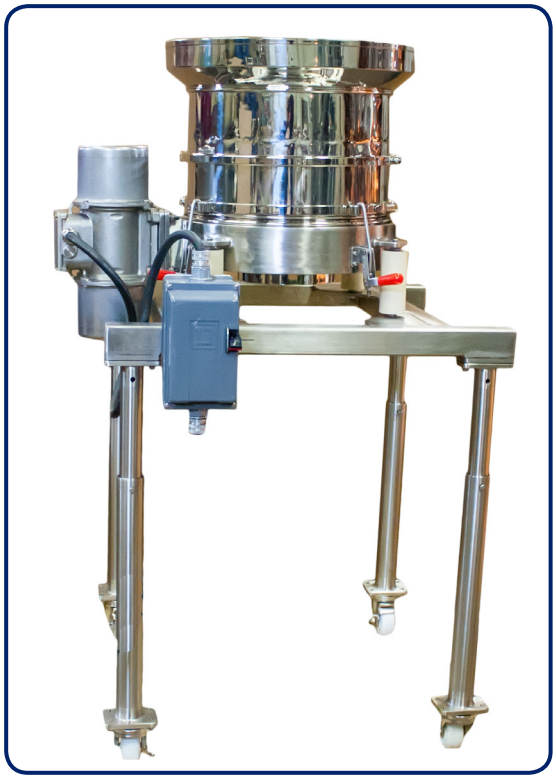
A more compact version of the standard center discharge RVM design in sizes with a 12”, 15”, 22”, 24”, 30”, 40” and 48” diameter. The typical unit height ranges form 10” to 18” depending on the main rim specified. The RVM®-E series is driven by a selection of 1800 or 3600 RPM of vibratory electric motors from 1/6HP to 1HP.

COMPACT SIFTER FLEXIBILITY:

All RVM® models are utilized as compact portable sieves. The center or side discharge of each model, along with a heavy duty stand, enable efficient container to container screening. The Vorti-Siv unit’s support frame is available in all discharge heights with adjustable telescoping legs or mounted to a cantilever arm.

CONTINUOUS DISCHARGE OPTIONS:

Applications with larger amounts of oversize may require a Weir or Scroll mounting to the screen or main rim frame. This enables a continuous and uniform discharge of material from the screen surface. Scroll sizes will vary with each application. For example, a full scroll allows greater product retention time on the screen. A half or finger scroll is utilized for free flowing material and greater throughputs.



Sanitary All SS Model with telescoping legs, removable base and feed hopper.

Mini-Bag Dump Model with removable feed tray assembly and dust cover. Available with optional magnet deck Section. Center or side discharge.

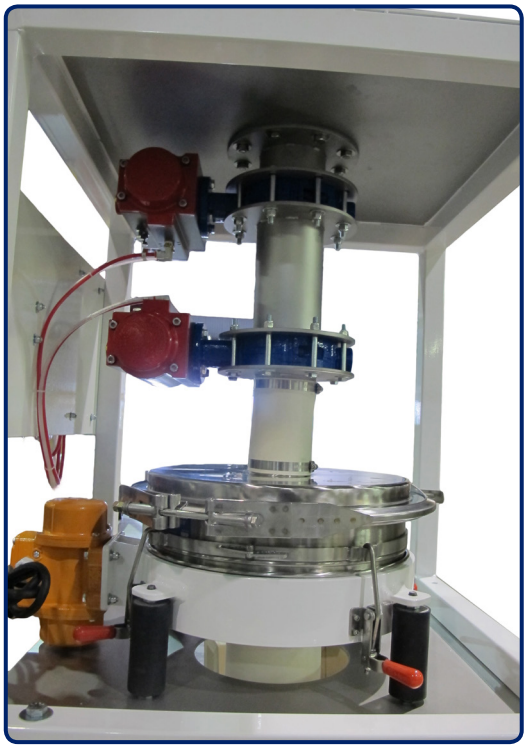
VORTI-SIV®
Demountable Main Sieve Assembly
Product Contact Parts/Options

TECHNICAL DATA:

- Electric Vibrating Motor 1/6, 1/3 or 1/2HP, 1 or 3 Phase, continuous duty, DIV II or XP, ATEX Zone 20-22, 50/60HZ, 1800 or 3600RPM.
- Variable Frequency Drive-Optional
- Clamps: Four(4) Sanitary Heavy-Duty or Toggle/Pan. Nickel Plated Carbon Steel or all Stainless Steel.
- Contact Parts: 304/316 Stainless Steel with brush finish or 15ra/electro-polish.
- Non-Contact Parts: Carbon Steel Powder Coated Finish or all 304/316 Stainless Steel.
- Motor: All 304 Stainless Steel Enclosure or Powder Coated Safety Orange or FDA White Epoxy.
- Screens: Pre-tensioned epoxy bonded or silver solder. Removable Mesh Ring with Clip. Stainless or Nylon Mesh.
- Ultra-sonic fine mesh de-blinding kit available on all types.
- Dimensions: 20” x 20” x 2” high square tube base only, 3/8” plate base only or Four-legged portable support frame with discharge height as required. Optional telescoping legs.
- Weight: 105-200lbs. depending on options or motor size.

Sieve with waveguide and resonator.

Gap Free Sanitary Sieves with Outlet Chute



Center discharge model RVM-15E show as inline sieve.

Model RVM-15E shown with in-line cover. Ultrasonic wave guide and resonator ring, with converter mounted externally.

Adjustable Twin Motor Models available in 1800 or 3600 RPM.

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