VORTI-SIV®

VORTI-SIV®
A DIVISION OF
Industries, Inc.

Model RBF-15 and RBF-15/22

Pilot & Small Production sieving and separation from pharmaceuticals to powder and slurries

RBF-15 and RBF-15/22

The VORTI-SIV models RBF-15 with a 15" screen diameter and RBF-15/22 with a 22" screen diameter are two of the most efficient sieving and separation machines on the market. These units are totally enclosed, heavily constructed and driven by a direct drive explosion proof 1 H.P. single or three-phase motor. Both models are extremely effective on many wet and dry applications. Typical applications include: quality control security-screening of powders; liquid straining; product reclamation; and particle separation.

Successfully processed products include:

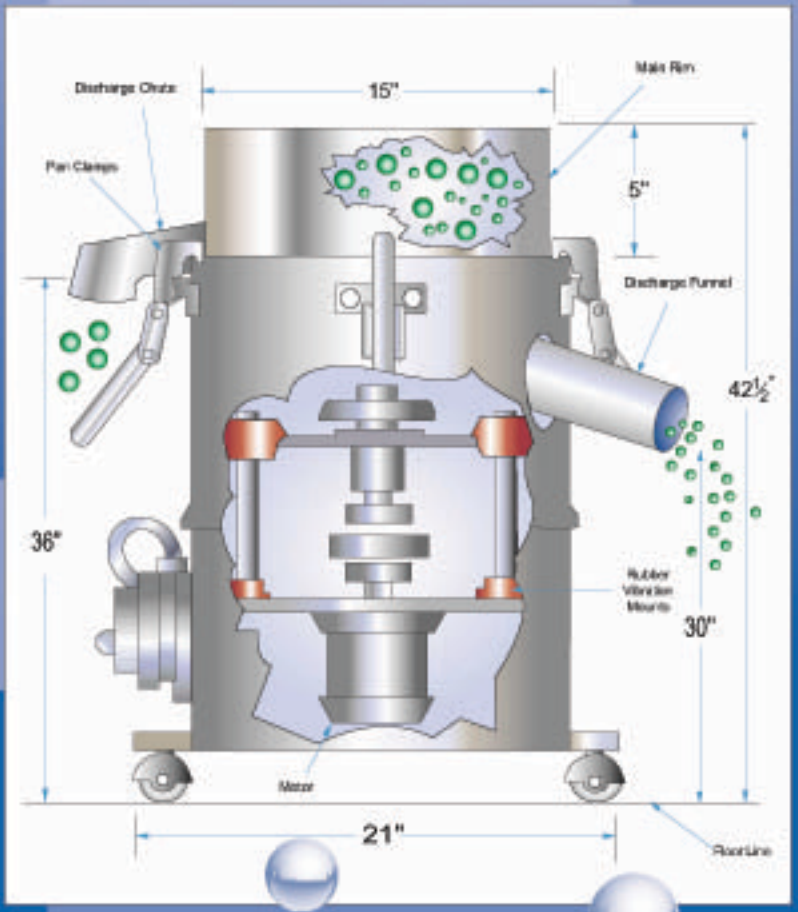
Paint, Ink, Cosmetics, Ceramics, Pharmaceuticals, Paper Coatings, Powdered Metals, Resins, Adhesives, Latex, Grinding Media, Toner Powder, Foods, Powder Coatings, Nutraceuticals, Electronic Paste and an unlimited number of highly specialized applications.

GYRATORY ACTION-MOBILITY

VORTI-SIV uses a unique gyratory screening action generated by an adjustable off-balance flywheel, which is powered by a 1 H.P., 3450 or 1750 RPM motor. All points of the screen surface moves in a circular orbit, however, the screen itself does not rotate. The top section of these units gyrate while the button is stationary. Both models are mounted on casters, which enables the flexibility of in-plant mobility. Quick release pan clamps, toggle clamps (4 required) or a sanitary clamps band design allow easy dismountability and product clean-up.

CONTINUOUS DISCHARGE-SCROLL

Applications with large amounts of oversize may require a scroll mounted to the screen. 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 scalping free flowing material and greater throughputs. An optional barrier plate is used to completely block the discharge chute while leaving an adjustable opening to remove material.

Media reclamation unit. Typical products include sand, glass beads, shot, ceramic and zirconium beads.

Model RBF 15 single deck, continous discharge sieve with 1/2 scroll.