

New Generation Models

Vibro-Benz Spiral & Elliptical Vibrators



No.1 Mass Finishing Solutions Provider
with over 4000 Installations

Advantages/ Benefits

- ◆ Per piece process cost reduced upto 25%.
- ◆ Capital cost of machine per litre of processing reduced upto 30%.
- ◆ Higher output for same power and Labour.

Spiral Vibrators

In industry, need was felt to achieve 100% separation of the component from machine in order to avoid any mixing of two different size of components processed one after other in batches and reduce manual intervention.

Spiral Vibrators addresses these need very well.

- Spiral shaped bowl increases efficiency of process.
- The curved wall of the bowl reduces part - to -part impingement and sticking of flat parts to the wall of the bowl.

- The spiral design of the bowl ensures 100% separation of the components and media at the end of the cycle, compared to about 80% separation in the conventional machine.
- Heavy duty motor & springs ensure faster cutting and high intensity polishing.
- Machine supports lean concept.

PRODUCT RANGE & SPECIFICATION

VB Vs - Spiral SERIES (Separation with advanced direction)

Model No.	Total volume (Liters)	Outer Diameter	Height	Chamber Width	Chamber Depth	Motor HP	PU-Lining Thickness*
VS-120	103	1128 x 1105		235	175 ~ 305	1	10
VS-300	288	1300 x 1314		285	415 ~ 610	2	10
VS-500	490	1536 x 1425		315	467 ~ 675	5	10
VS-850	833	1802 x 1618		422	635 ~ 825	10	10

Dimensions are for reference only. Subject to change without prior notice.

Elliptical Vibrators

Elliptical vibro spirals have the same advantage of 100% separation as in spiral vibrators. In addition it has been designed to support single piece flow concept for the components having lesser process cycle time. These machines are designed for optimize plant layout where width wise less distance is there to accommodate.

- Elliptical shaped bowl gives more path length process.
- The elliptical wall of the bowl reduces part - to - part impingement.

- The elliptical design of the bowl ensures 100% separation of the components and media at the end of the cycle, compared to 80% separation in the convention machine.
- Heavy duty motor & springs ensure faster cutting and high intensity polishing.
- Components with low cycle time can be processed in single piece flow.
- Machine supports lean concept.

MACHINE SPECIFICATIONS

Model No.	Total volume (Liters)	Outer Diameter	Height	Chamber Width	Chamber Depth	Motor HP	PU-Lining Thickness*
EL - 60			1250	915		2	15
EL-90			1131	904		2	15
EL-120			1160	1016		2.5	15
EL- 250			1350	1450		5	15

Applications

- Deburring
- Edge- RADIUSING
- Descaling
- Surface finishing
- Derusting
- Heavy Cutting
- Degreasing
- Smoothing
- Brightening
- Burnishing
- Polishing
- Preplate Finishing
- Fine Finishing
- De-carborising
- Matt Finishing
- Mirror Finishing
- Removal of heat
- Chess Marks



Accessories



Magnetic Separator



Bin Type Loading System



Horizontal Transfer Conveyor



Belt Type Drier

Other Accessories:

- Sound Cover
- Control Panel
- Variable Frequency Drive (VFD)
- Dosing System
- Different Loading & Transfer Systems
- Water Filtration & Re-circulation System

ISO 9001:2008
BUREAU VERITAS
Certification



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