

VIBRATORY SEPARATOR MACHINE

PRECISION SEPARATION. HIGHER THROUGHPUT. PROVEN RELIABILITY.

COMPASS WIRE CLOTH'S VIBRATORY SEPARATOR MACHINE

- Engineered to deliver accurate, efficient separation for dry and wet materials across demanding industrial applications.
- Designed for reliability and flexibility, this system helps manufacturers improve product quality, increase throughput, and reduce downtime.

Why Choose a Vibratory Separator?

✓ Accurate Material Classification

Delivers precise particle separation by size, ensuring consistent product quality and reliable removal of oversize contaminants.

✓ Increased Production Efficiency

Uniform material distribution and controlled vibration enable higher throughput without sacrificing screening accuracy.

✓ Reduced Maintenance & Downtime

Optimized vibration and compatibility with pretensioned and ultrasonic screens help minimize blinding, pegging, and screen failure.

✓ Flexible, Customizable Design

Available in multiple deck sizes and configurations to support single or multi-fraction separations.

✓ Compact Footprint

Easily integrates into existing processing lines with minimal space requirements.

Engineered for Performance

- Vertical and horizontal vibration for efficient material movement
- Adjustable top and bottom weights for precise control of separation patterns
- Multiple deck configurations for scalping, grading, and fines removal
- Compatible with pretensioned, ultrasonic, and self-cleaning screen options

INDUSTRIES & APPLICATIONS

- Food & Beverage
- Pharmaceuticals & Nutraceuticals
- Chemical Processing
- Metal Powders & Additive Manufacturing
- Agriculture
- Mining & Industrial Materials



DIAMETERS AND SPECIFICATIONS

UNIT SIZE	SCREEN AREA (SQ. FT)	MOTOR	POWER	USE
24"	2	1/3 HP, 1200 RPM.	2-phase 230/460V	R&D, Small Batch
30"	4	0.5 HP, 1800 RPM.	3-phase 230/460V	Moderate Volume
48"	10	2.4 HP	3-phase 230/460V	Moderate Workflow
60"	16	2.4 HP	3-phase 230/460V	Heavy

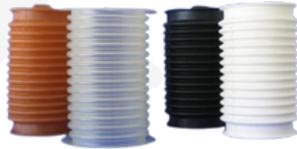
ENHANCE PERFORMANCE WITH ADVANCED SCREENS

- Pretensioned Screens – Longer service life, consistent tension, faster changeouts
- Ultrasonic Screens – Prevent blinding and pegging in fine mesh applications

PARTS & HARDWARE



Clamps, Springs, Spools



Connectors



Clear Flex Tubing



BFM Connectors



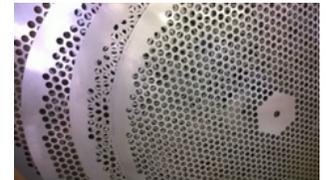
Motors



Tubing
Rubber, Nylon, Cloth



Di-Blinding Sliders & Balls



Perforated Plates

FIND THE RIGHT VIBRATORY SEPARATION SOLUTION FOR YOUR OPERATION.

Compass Wire combines equipment, screens, and process expertise to deliver complete separation solutions. Our team works directly with customers to solve material challenges and optimize performance.



www.compasswire.com 800-257-5241

SCAN THE QR CODE NOW
FOR MORE DETAILS!



sales@compasswire.com