

BRUNETTE SmartVIBE®

Vibrating Conveyor



PERFORMANCE | RELIABILITY | RECOVERY

BRUNETTE
MACHINERY CO.



BRUNETTE SmartVIBE®

THE BRUNETTE SmartVIBE® is a unique and simple vibrating conveyor. Our design optimizes low cost maintenance and maximum up-time efficiencies with a springless vibratory mechanism which is fully balanced at each stroke. The patented design allows operators to increase conveying speed through the use of controls without costly shutdowns. Speed is varied by utilizing a Variable Speed Drive (VFD) to control the drive motor RPM which effects the conveyor stroke.

Available in different widths and lengths complete with size specific screening options and metal detection. The Brunette SmartVIBE can be custom built to suit your needs.

This versatile conveyor can bring new efficiencies to many different industries and applications including:

- Biomass production and transportation
- Sawmill and plywood mills, OSB
- Urban recycling and processing
- Pellet manufacturing
- Food processing
- Agricultural
- Mining

- **PATENTED DESIGN WITH ADJUSTABLE STROKE AND VARIABLE SPEED**
- **COUNTERBALANCE BEAM FOR OPTIMAL BALANCE AT DIFFERENT SPEEDS**
- **COUNTERBALANCE BEAM CAN BE USED AS A SECONDARY TROUGH**
- **HEAVY DUTY CONSTRUCTION**
- **NO COIL SPRINGS**
- **ECCENTRIC DRIVE SHAFT**
- **RUBBER ELASTOMER SPRINGS**

OPTIONS:

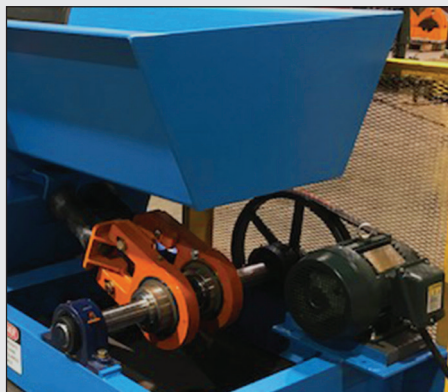
- **MAGNETIC STEEL TRAP**
- **SmartDRIVE® CONTROL TECHNOLOGY**
- **AVAILABLE IN DIFFERENT WIDTHS & LENGTHS**
- **AVAILABLE WITH SIZE-SPECIFIC SCREENS**



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VIBRATING CONVEYOR

Take control of material flow with the variable speed of the Brunette SmartVIBE

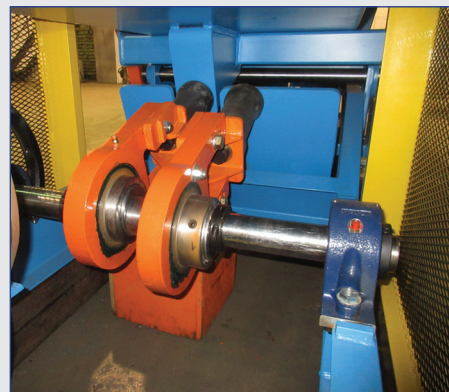


◀ DRIVE ASSEMBLY

The vibrating conveyor drive is designed to be inboard complete with a single electric motor. The eccentric shaft is driven by a belt and a sheave complete with belt guard.

DRIVE SHAFT ▶

An eccentric drive shaft, mounted in roller bearing assemblies, is connected to the conveyor with rubber springs that provide trouble free operation in summer and winter.

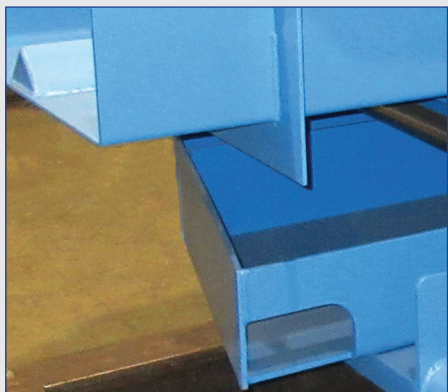
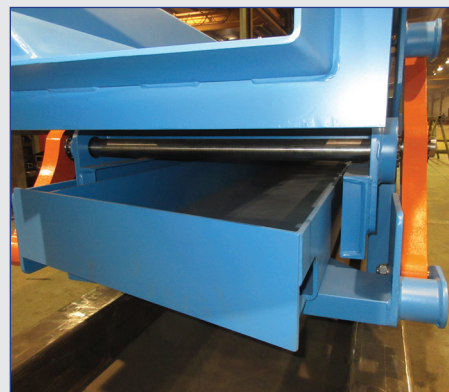


◀ ROCKER ARM ASSEMBLY

The rocker arm assembly connects the trough to the balance beam. The rocker arm assembly is mounted on a torque shaft with B-Loks. The mounting points are protected with polyurethane bushings.

TORSIONAL SHAFTS ▶

Parallel torsional shafts are mounted in a heavy duty housing and secured in place with B-Loks.



◀ BALANCE BEAM

The balance beam is conveniently located under the trough for safe operation. This internal counterweight keeps the conveyor balanced at different operating speeds.

VARIABLE SPEED DRIVE ▶

The patented design allows operators to vary conveyor speed by utilizing a Variable Speed Drive (VFD) to control the drive motor RPM which affects the conveyor stroke.

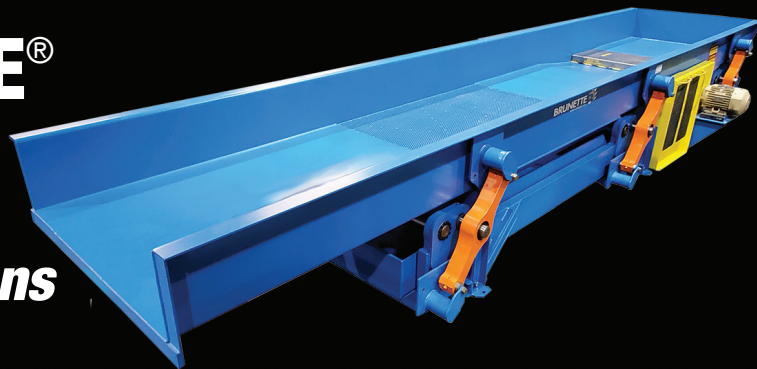


PERFORMANCE ENGINEERED • SIMPLE EFFECTIVE CONVEYING

1.800.686.6679 • 1.604.522.3977 • www.brunettemc.com

BRUNETTE SmartVIBE® **Vibrating Conveyor**

Vibrating & Screening Solutions



More Information and brochures for quality products available at
www.brunettemc.com

DISC SCALPING SCREENS

VIBRATING CONVEYORS

FLARE BUTT REDUCERS

WHOLE LOG CHIPPERS

ROTARY DEBARKERS

LOG SINGULATORS®

VENEER CHIPPERS

DRUM CHIPPERS

LOG SWEEPS

GRINDERS

HOGS



BRUNETTE MACHINERY CO.

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