

# BRUNETTE SmartVIBE Vibrating Conveyor



**PERFORMANCE | RELIABILITY | RECOVERY**

**BRUNETTE**  
MACHINERY CO. 

# BRUNETTE SmartVIBE

- **SIMPLE DESIGN**
- **BALANCED**
- **VARIABLE SPEED**
- **NO COIL SPRINGS**
- **HEAVY DUTY CONSTRUCTION**
- **RESISTANT TO COLD TEMPERATURES**

## OPTIONAL FEATURES:

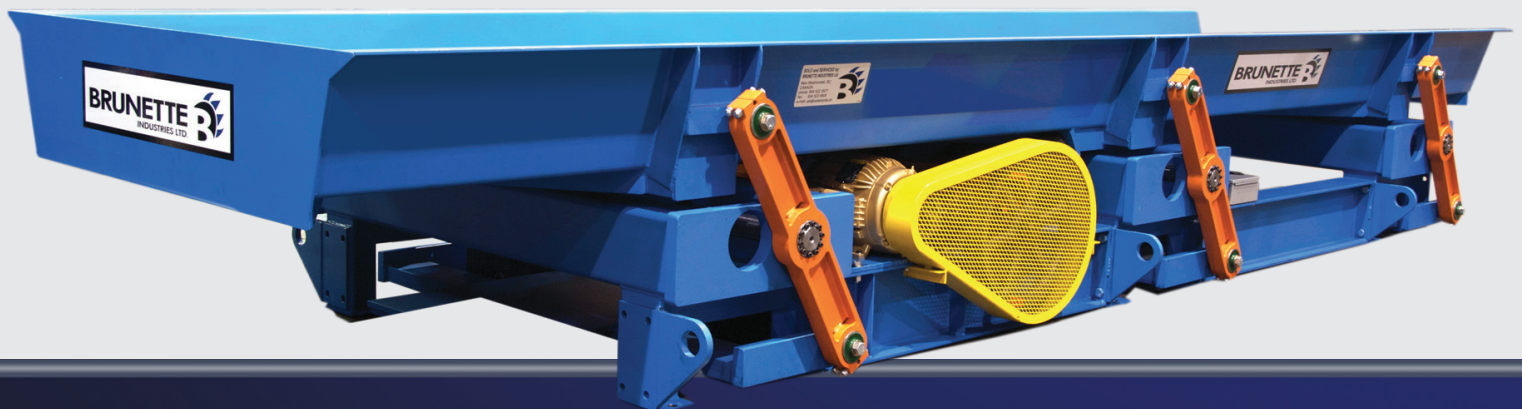
- Magnetic steel trap
- Brunette SmartDRIVE Control technology
- Screening section with a variety of screening options
- Convert counterbalance beam into a secondary trough

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 Vibrating Conveyor 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**



**8717 132 Street, Surrey, BC • [sales@brunettemc.com](mailto:sales@brunettemc.com)**



# VIBRATING CONVEYOR

Take control of your material flow with the variable speed Brunette SmartVIBE vibrating conveyor.

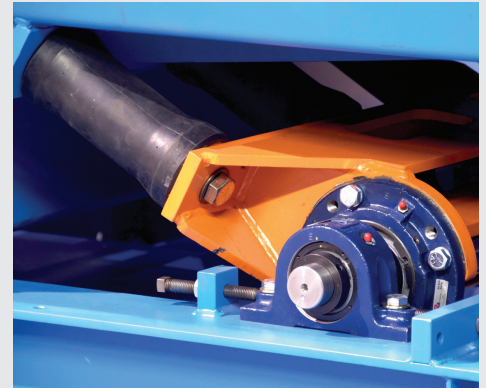


- **DRIVE ASSEMBLY**

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.

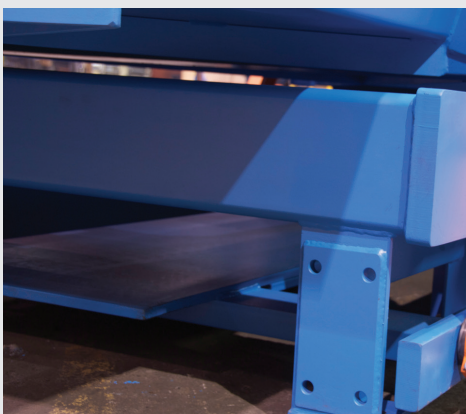


- **ROCKER ARM ASSEMBLY**

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.

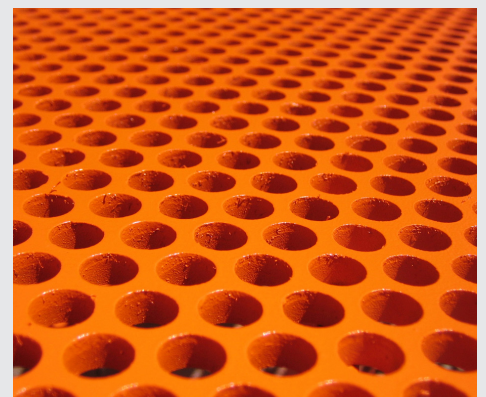


- **BALANCE BEAM**

The balance beam is conveniently located under the trough for safe operation. An internal counterweight keeps the conveyor balanced at different operating speeds. As an optional feature the counterweight can be converted to a secondary trough.

- **OPTIONAL SCREEN**

An optional bolt-in screening section is available with different screen sizes to suite many different applications and industries.



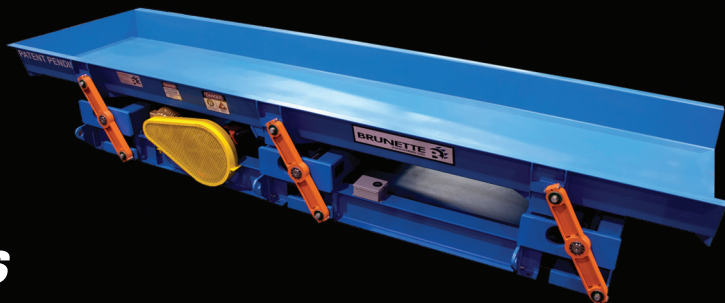
**PERFORMANCE ENGINEERED • SIMPLE EFFECTIVE CONVEYING**

**1.800.686.6679 • 1.604.522.3977 • [www.brunettemc.com](http://www.brunettemc.com)**



# **BRUNETTE SmartVIBE** **Vibrating Conveyor**

***Vibrating & Screening Solutions***



More Information and brochures for quality products available at  
**[www.brunettemc.com](http://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.**

### **HEAD OFFICE / CAPITAL SALES**

8717 132nd St • Surrey, BC V3W 4P1 CANADA  
Office: 604.522.3977 • Toll Free: 1.800.686.6679  
Email: [sales@brunettemc.com](mailto:sales@brunettemc.com) • [www.brunettemc.com](http://www.brunettemc.com)

### **NORTHERN BC DIVISION**

1076 Great St • Prince George, BC V2N 2K8 CANADA  
Office: 250.563.0596 • Toll Free: 1.800.686.6679  
Email: [pgoffice@brunettemc.com](mailto:pgoffice@brunettemc.com) • [www.brunettemc.com](http://www.brunettemc.com)

**PERFORMANCE | RELIABILITY | RECOVERY**

**BRUNETTE**  
MACHINERY CO. 