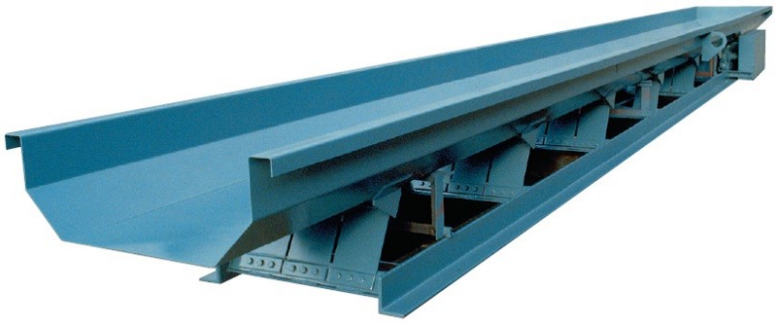


VIBRATING CONVEYORS

VIBRATING CONVEYORS ENSURE EFFICIENT, MULTI-FUNCTIONAL MATERIAL HANDLING

Our modular vibrating conveyors offer an extremely efficient, multi-functional method of conveying and processing different sized bulk materials, including larger and longer pieces of processed wood. Their design ensures consistently high conveying speeds even under high loads.



Vibrating conveyors can form part of complex processing facilities and are easily customized to meet varying needs. They are ideally paired with our Bruks screening systems. Integral screens are often incorporated into a conveying system and can efficiently separate over-sized or fine particles during material transfer. In some cases they eliminate the need for separate screening units entirely.

Vibrating conveyors are particularly popular for use with horizontal drum chippers and can be specified for use with gravity-fed versions. They can also be fitted with a built-in metal detector or heating rods for operation in extremely cold environments.

FACTS

PRODUCT AREA:

- **Conveying**

SCAN THE QR-CODE:
And view the Page online, where you will have access to more information



LONG AND SHORT WOOD HANDLED WITH EASE

Most often used in sawmills, pulp and board mills as well as in bio-fuel applications, Bruks' vibrating conveyors are available in a light, medium and heavy-duty design. They can easily accommodate long and short wood such as logs, slabs, edgings, trim-ends, chips, sawdust and bark, and can transport materials in parallel without mixing them.

TAILORED FOR EACH APPLICATION

Vibrating conveyors are tailored for each application to deliver the best possible operational performance.



Guide fins in the trough bottom help to orient material so that short wood waste, for example, has a better chance of being chipped properly, improving chip quality. Infeed conveyors can be equipped with a capacity control that reacts to the chipper's motor load.

MINIMAL MAINTENANCE REQUIREMENTS

Vibrating conveyors require very little maintenance. Their troughs are supported by springs that vibrate as a result of a crank shaft with single or multiple connecting rods. These steel or fiber-glass springs provide a long service life and low maintenance requirements. They also have flexible, tough attachments for smooth starts and stops.

The simple operation of these conveyors provides a smooth, leveled-out material distribution due to the vibrations. Material enters the conveyor and spreads evenly without high-impact forces.

Balanced and unbalanced designs are available, depending on cost and foundation requirements. A robust, concrete foundation or on-board

counterweight balances the dynamic forces generated by the vibrating equipment.

TECHNICAL DATA

Type	Trough bottom width (mm)	LL*	M*	H*	N*	LL**	M**	H**	N**
CV330	330	70	85	85	-	20	25	25	-
CV450	450	90	110	110	-	20	25	25	-
CV600	600	110	140	140	-	20	25	25	-
CV750	750	135	170	170	-	20	25	25	-
CV900	900	160	-	200	-	20	25	25	-
CV1200	1200	210	-	-	-	20	-	-	-
CV400	400	-	-	-	7	-	-	-	8-12
CV500	500	-	-	-	9	-	-	-	8-12
CV650	650	-	-	-	13	-	-	-	8-12
CV800	800	-	-	-	16	-	-	-	8-12
CV1000	1000	-	-	-	20	-	-	-	8-12
CV1200	1200	-	-	-	24	-	-	-	8-12

* Max Capacity m3/h (loose chips)
**Feed speed (m/min.)

For type LL, M and H, the capacity is calculated with a material height of 100mm and for type N 40mm, deviations possible

RELATED PRODUCTS WITHIN THE SAME PRODUCT AREA:

- Air supported belt conveyors
- Aeroslide
- Chain conveyors
- Idler belt conveyors
- Screw conveyors
- Vibrating conveyors