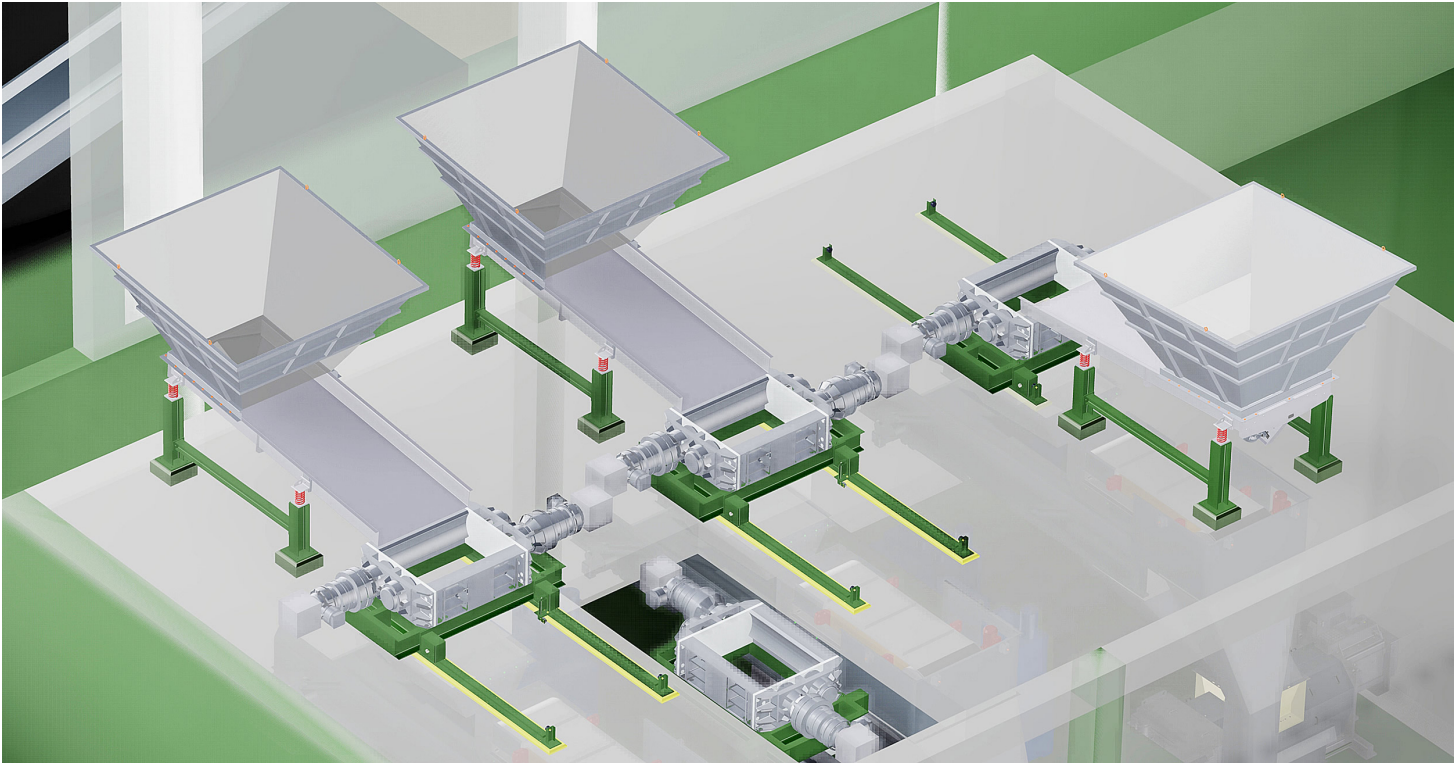


MERI VIBRATING CONVEYOR for Reject and Residuals Streams



MERI VIBRATING CONVEYOR for Reject and Residuals Streams

Technology

The MERI Vibrating Conveyor uses controlled vibration to move material along a tray or chute.

Vibration is generated by unbalanced motors, or mechanical excentre rotating weights. The Reject and Residual material is conveyed through a series of small jumps caused by oscillations.

Flow rate resp. conveying speed can be adjusted by amplitude and frequency of vibration (motor rpm).

Beside transportation of wet or dry bulk material the MERI Vibrating Conveyor is suitable to disaggregate material and generate an even uniform material flow, from spontaneous dumps / bulk loads like Crane- and Caterpillar buckets.

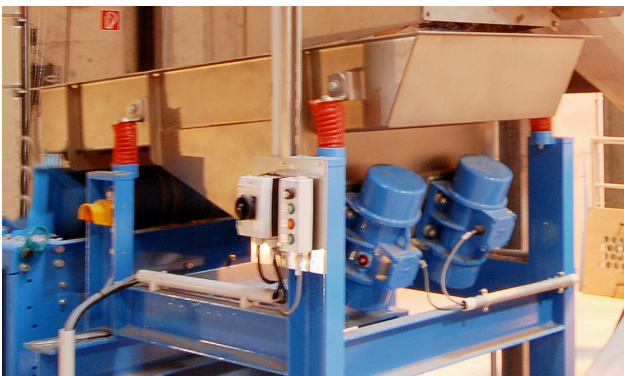
Features

The MERI Vibrating Conveyor offers several advanced technical features:

- Simple design > a trough, chute, or tray mounted on springs
- Variable vibration control > frequency, amplitude, inclination
- Handles dry, wet, sticky, and/or abrasive material
- Low maintenance > no belts or chains in contact with waste
- Durable liners (optional wear plates for abrasive fractions like sand or ash)
- Compact and enclosed options for dust control

Why to buy

- Handles large dumps / bulk loads of wet or dry materials
- Disaggregate bulk / dump material and generate an even, uniform material flow
- Uniform feeding > maximizes efficiency of downstream separation (Shredding screening etc.)
- Handles difficult waste (wet, dry sticky).
- Low operating cost > minimal wear parts
- Flexible installation → can work as a feeder, conveyor, or distributor. Compact



Typical & Proven Process Applications

- Transport of pre-treated Reject and Residual Streams (fibrous sludge) within a mill / plant from different loading points as spontaneous dumps / bulk loads like Crane- and Caterpillar buckets.
- Generates uniform material flow good for shredders and sorters

See the following Products as well

- Lion Shredder
- Finger Sorter
- Meri Belt Conveyor
- COMPAX screw compactor Series
- ECOMPAX and Minipress
- Sicon Pocket Conveyor SPCS
- RSP Sludge and Residual Press



Meri Environmental Solutions GmbH

Bodenseestr. 113
81243 Munich, Germany
Tel. +49 89 59 33 44
info@meri.de

Voith Meri Environmental Solutions, Inc.

2620 E. Glendale Avenue
P.O. Box 1262
Appleton WI 54911-1262, USA
Tel. +1 920 734-8485
info@meriusa.com

Meri Sistemas e Tecnologia Ltda.

R. Friedrich von Voith, 825
São Paulo – SP – 02995-000, Brasil
Tel. +55 11 3944-6644
meribrasil@meribrasil.com.br

**Meri Environmental Technology
(Kunshan) Co.,Ltd.**

No. 665 Jiande Road, Zhangpu Town,
Kunshan City, 215321 Jiangsu Province,
China
Tel. +86 51 28 68 90 834
info@meri.cn

www.meri.de



Note: All product-related data and information in this publication shall serve for information purposes only. They shall not be interpreted or intended to represent any kind of warranty or guarantee. The only legally binding statements are those contained solely within our quotations. Errors and omissions excepted. Technical data are subject to change.