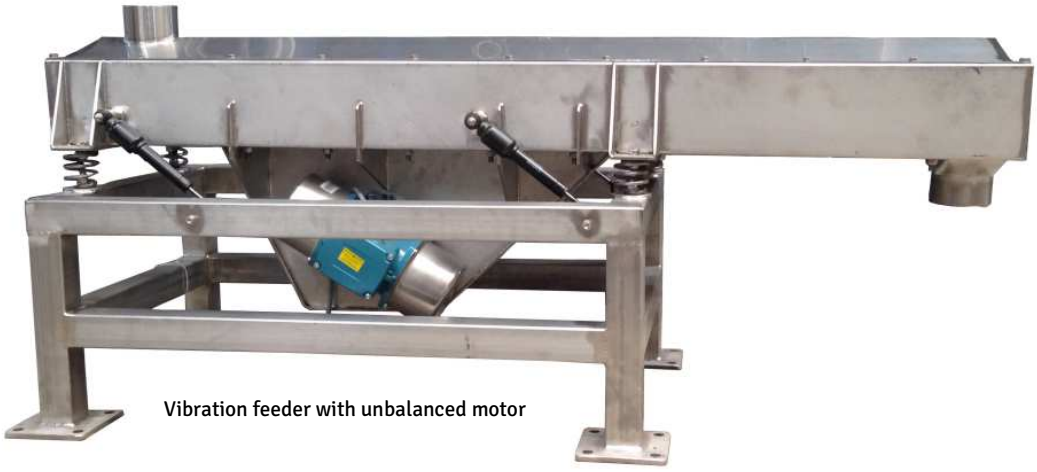
VF – VIBRATION FEEDER

DOSING GRAINED/CRUSHED MATERIAL

Vibration feeder with electromagnetic motor



Vibration feeder with unbalanced motor

- VF is suitable for transporting bulk material such as wood pellets, iron pellets, coal, limestone etc.
- VF is reliable in operation and the flow rate is easily adjusted.
- VF is optionally available with explosion protection (ATEX).

M&W JAWO HANDLING | Oldenvej 5 | 3490 Kvistgaard | Denmark | Phone: +45 49139822 | E-mail: m-w@m-w.dk | Web: www.m-w.dk

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PRINCIPLES OF OPERATION

The Vibration Feeder (VF) is designed to be integrated in sampling systems for conveying and dosing dry- and non-sticky bulk material. The VF is normally used to perform dosing of sampled material to further sample preparation.

The VF consists of a vertical inlet- and outlet pipe connected by a horizontal feeder pipe. The horizontal pipe is attached directly to a vibration unit.

VF WITH ELECTROMAGNETIC MOTOR

This VF is for a controlled feed rate and will make a uniform flow of material.

The vibration amplitude and frequency determines the feed rate and can be adjusted with a potentiometer which is part of the delivery.

VF WITH UNBALANCED MOTOR

This VF is for a high feed rate and a long transport distance of the material.

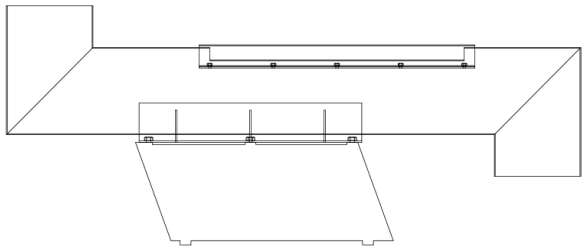
The whole construction is supported on 2x2 points and the 2 unbalanced motors are mounted on each side of a rugged bracket welded to the vibration pipe.

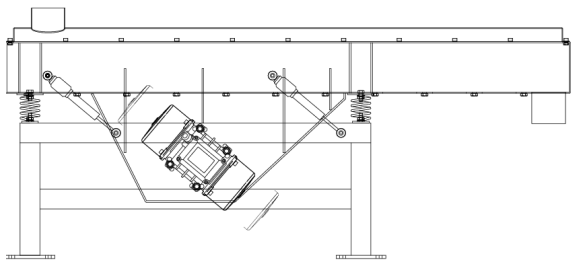
TECHNICAL DATA

Drive unit:	Electromagnetic motor
Voltage:	400/230V-50Hz or as required
Material:	Stainless steel
Sensor:	Vibration sensor (optional)
Lengths:	0,3 – 3,0 [m]

Drive unit:	Unbalanced motors
Voltage:	400/230V-50Hz or as required
Material:	Stainless steel
Sensor:	Vibration sensor (optional)
Lengths:	1,5 – 6 [m]

DRAWNG





COMPANY PROFILE

M&W JAWO HANDLING IS AN INTERNATIONALLY WORKING ENGINEERING COMPANY SPECIALISED IN DESIGN, MANUFACTURING AND SUPPLY OF INDIVIDUAL MACHINE UNITS AND SYSTEMS FOR REPRESENTATIVE SAMPLING OF POWDER AND BULK MATERIAL. SEVERAL HUNDRED SYSTEMS ARE SUCCESSFULLY SAMPLING IN THE INDUSTRY WORLD-WIDE.

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