

# DP – DIVIDING PLANT

## DIVIDING UNIT FOR BULK MATERIAL



- DP divides bulk material into several representative samples of equal size.
- DP can be applied on different parts of the production line since DP can be mobile by option.
- DP is manufactured of stainless steel.

## PRINCIPLES OF OPERATION

The Dividing Plant (DP) is used for representative division of bulk material and can be installed in conjunction with a sampling plant or placed completely independent of the sampling operation.

## GENERAL DESCRIPTION

The material is extracted from the feeding-hopper by a step-less adjustable vibration feeder and dosed into the Rotary Tube Divider; the drive unit rotates a dividing tube, where the material stream is charged through. The material is led by gravity through the dividing tube, which passes the respectively sample outlets in the bottom cone. The divided samples are collected in dust-proof sample containers.

The dividing plant is available for dry powder and bulk materials with various corn sizes.

The Dividing Plant can be provided with the amount of sample outlets (within a range) that the customer desires.

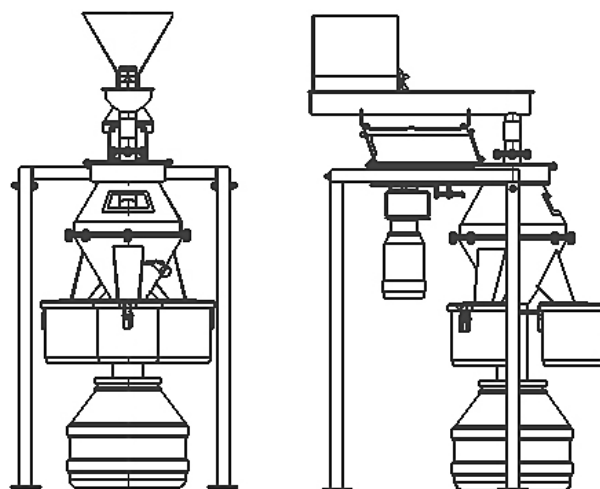
The Dividing Plant consists essentially of the following units:

- Vibration Feeder with hopper
- Rotary Tube Divider (different bottom cones)
- Supporting steel structure
- Electrical control box with feeder and vibration control
- Sample containers
- Reject container

## TECHNICAL DATA

Drive unit:	Vibration motor Geared motor
Voltage:	400/230V-50Hz or as required
Sensor:	Motion detector

## DRAWING



(Figure: Dividing Plant with PD17/100-3)

Note: For more information to find the plant that suits your needs - please see the brochures for:

- PD (Rotary Tube Divider)
- VF (Vibration Feeder)
- PDMF (PD Divider Motorised Flaps)

# 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.