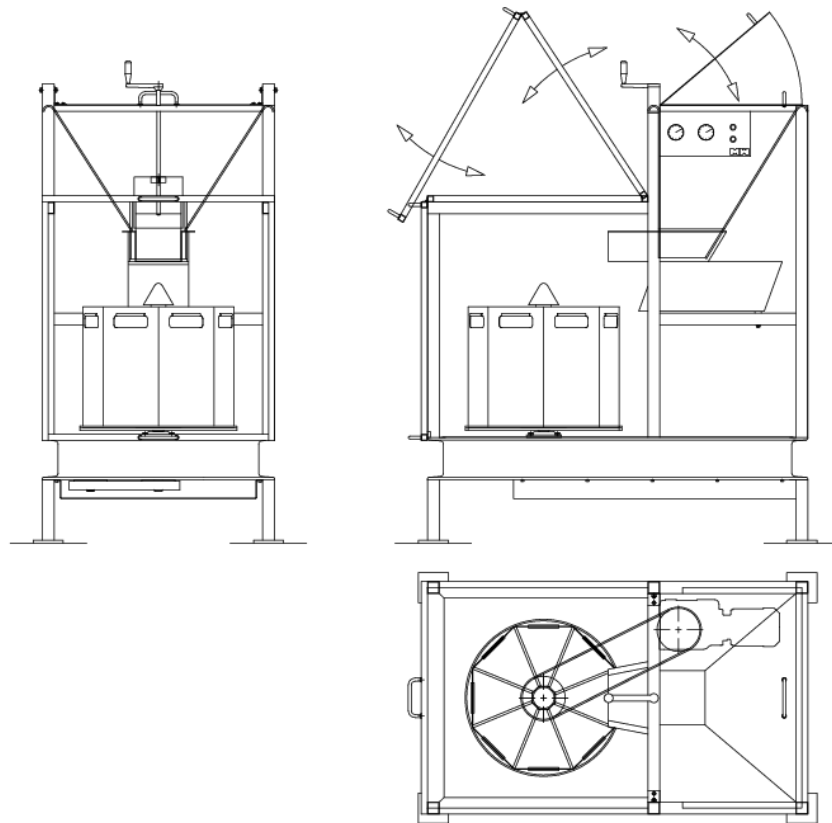


# SRD – SPINNING RIFFLE DIVIDING PLANT

## DIVIDING UNIT FOR BULK MATERIAL



- SRD's feed rate is easily adjusted by changing the amplitude or the opening of the vibration feeder.
- SRD divides material with a top particle size up to 50 mm.

## PRINCIPLES OF OPERATION

The Spinning Riffle Dividing Plant (SRD) is used for representative division of bulk material.

## GENERAL DESCRIPTION

The bulk material is extracted from the feed-hopper by a step-less adjustable vibration feeder and dosed into the Sample containers placed on the spinning table. The material is led by gravity into the sample containers. The spinning table with the sample containers rotates constantly with 12 rpm.

The feed rate is adjustable via the amplitude of the vibration feeder and by the positioning of the exit gate in the hopper. The divided samples are collected in sample containers. Each container has an overlapping deflector lip on one side to form cutting edges and prevent loss of fines.

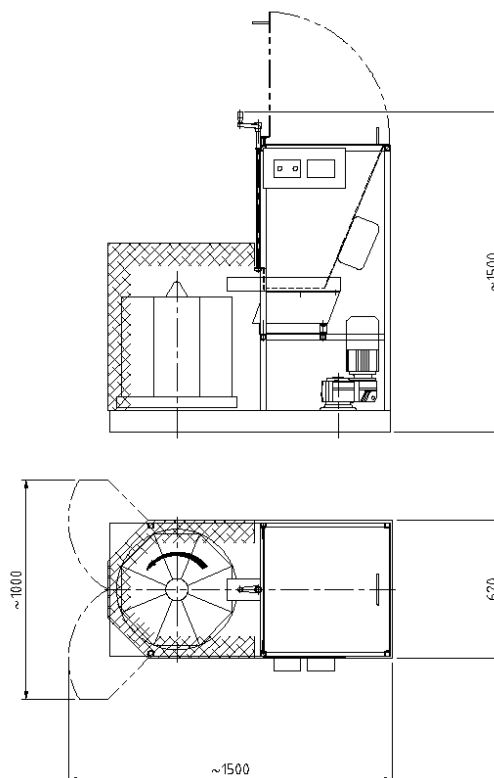
The Dividing Plant consists essentially of the following units:

- Feed hopper ~50 litre with top cover
- Vibration feeder
- Spinning table for sample containers
- Supporting steel structure
- Safety guard around the spinning table
- Doors for emptying the sample containers
- Electrical control panel with feeder and vibration control
- 8 Sample containers ~7 litre each (standard).

## TECHNICAL DATA

Drive unit:	Geared motor Vibration motor
Voltage:	400/230V-50Hz or as required
Sensor:	Motion detector
Material:	Stainless steel
Dimensions:	Refer to drawing

## DRAWING



# 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.