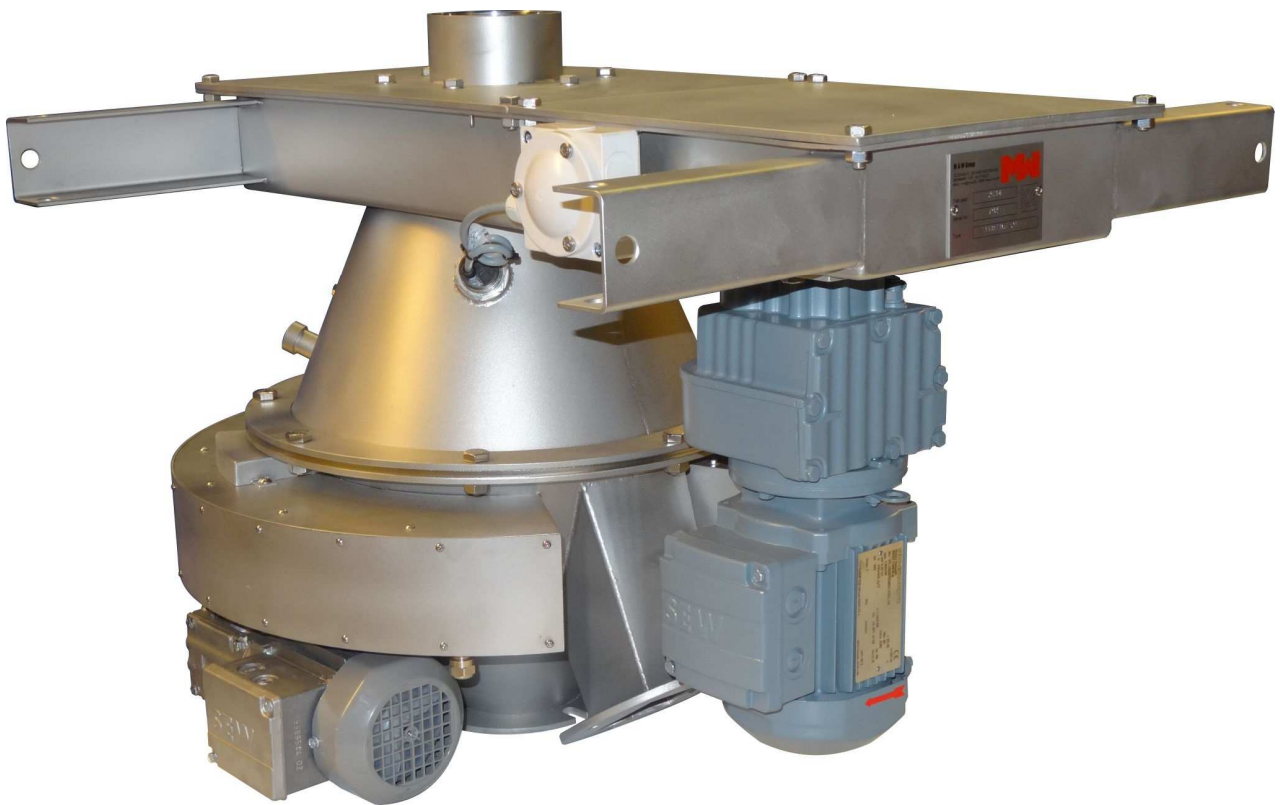


# PDMF – PD DIVIDER MOTORISED FLAP(S) AUTOMATIC ADJUSTABLE DIVISION



- PDMF divides bulk material.
- PDMF has an easy and stepless adjustable division ratio by using one or two motorised flap(s).
- PDMF is instantaneously adjusted from the control room/cabinet.

## PRINCIPLES OF OPERATION

The Rotary Tube Divider Motorised Flap(s) (PDMF) is designed for representative dividing of bulk material. The PDMF is a special version of the Rotary Tube Divider (PD) and is equipped with an automated sample size adjustment feature.

*Find info on the standard machine within our PD brochure.*

## DESCRIPTION OF MOTORISED FLAPS

One or two slot adjustment drive units are placed on the outside of the discharge cone.

The unit consists of a geared motor mounted on the discharge cone, which through a gear drives the flap plate by engaging an arced gear rack connected to the flap plate.

The movement of the flap plate is adjusted from the control room/cabinet and the desired division ratio is achieved quickly.

A limit switch in each end position will stop the movement and inform whether the damper is fully closed or fully open.

### TYPE DESIGNATION:

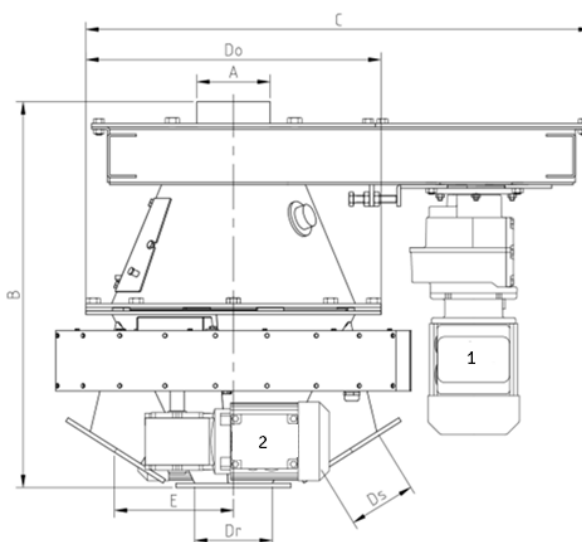
Type	Particle size [mm]	øA [mm]	B [mm]	C [mm]	øDo [mm]	ds [mm]	Ødr [mm]	E [mm]	Motor 1 [kW]	Motor 2 [kW]	Tube speed [rpm]	Division circumference [mm]
PD8/100	< 25	100	535	705	410	60x60	100	170	0.25	0.09	44	825
PD12/100	< 35	100	790	1045	640	60x60	200	290	0.25	0.09	29	1255
PD12/200	< 40	200	790	1045	640	150x150	200	290	0.25	0.09	29	1255
PD17/100	< 35	100	1015	1095	740	100x100	200	330	0.37	0.09	21	1720
PD17/200	< 50	200	1015	1095	740	150x150	200	330	0.37	0.09	21	1720
PD27/100	< 35	100	1535	1370	1200	100x100	200	600	0.55	0.09	13	2700
PD27/200	< 65	200	1535	1370	1200	150x150	200	600	0.55	0.09	13	2700

The values are only indicative

## TECHNICAL DATA

Drive unit:	Geared motors
Voltage:	400/230V-50Hz or as required
Sensor:	Motion detector Potentiometer Limit switches
Dimensions:	Refer to drawing and table

## 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.