

# ROTARY TUBE DIVIDER TYPE PD



**Rotary Tube Divider Type PD-12/100-1**

The **Rotary Tube Divider** is used for dividing samples of bulk materials. The main advantage of mechanical sample dividers is that, they extract a part of the material by a large number of increments. If, less than about, 50 increments are taken by the sample divider, the accuracy may be substantially reduced. A continuous automatic sample division ensures, that the divided sample is still a representative sample.

### **General Description:**

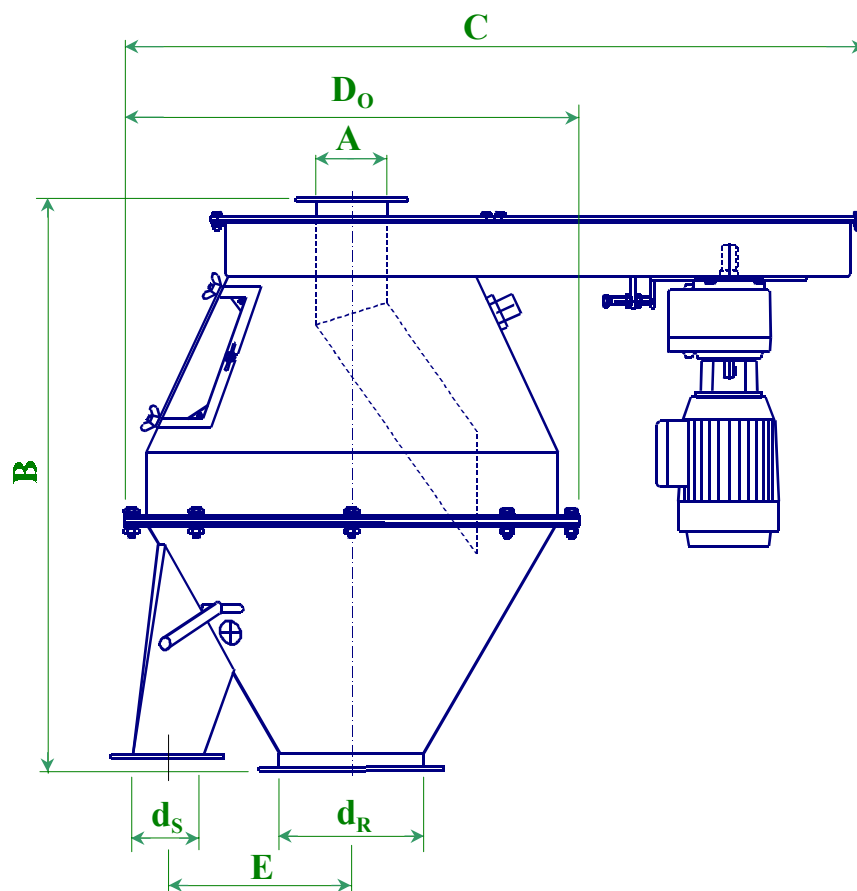
The dividing tube is rotated by the drive unit. The material is charged through the dividing tube, which passes respectively extractor and discharge cone. The division ratio is step less adjustable.

Depending upon model size, it is possible to divide materials up to a particle size of  $\varnothing 65$  mm.

**Dividing ratio = slot opening/(division circumference – slot opening)**

The Rotary Tube Divider consists essentially of following units:

- Drive unit (gear motor and V-belt)
- Dividing Tube of stainless steel
- Top cone with inspection/cleaning opening
- Stainless steel discharge cone with reject outlet and one or more sample outlets



**Drive:** Helical geared motor  
V-belt drive

**Voltage:** 3 x 400 V, 50 Hz

Type	Max part. size mm.	ø A mm	B Mm	C mm	øD <sub>o</sub> mm	d <sub>s</sub> mm	ød <sub>R</sub> mm	E mm	Motor kW	Div. Circ. mm	Tube rpm	Wgt kg
PD 8/50	15	50	515	625	410	60x60	100	170	0.25	825	44	50
PD 8/100	25	100	535	625	410	60x60	100	170	0.25	825	44	55
PD 12/100	35	100	810	925	640	60x60	200	260	0.25	1255	29	70
PD 12/200	40	200	810	925	640	150x150	200	260	0.25	1255	29	80
PD 17/100	35	100	1035	925	740	60x60	200	330	0.37	1720	21	120
PD 17/200	50	200	1035	925	740	150x150	200	330	0.37	1720	21	130
PD 27/100	35	100	1515	925	1110	100x100	200	600	0.55	2700	13	170
PD 27/200	65	200	1515	925	1110	150x150	200	600	0.55	2700	13	175



## M&W JAWO HANDLING AS



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