

# Small Dosing Feeder

Small dosing feeders are compact and powerful magnet vibration conveyors for flow volumes of up to 5 m<sup>3</sup>/h or, depending on the product or application, even more if they are equipped with the tried and tested JD Dosing Drive. They can be used as a linear vibrating screen with continuous vibration width control for nearly all dosing or feeding tasks for bulk materials.

The machines are particularly well suited for continuous or batch feeding of bulk materials in the chemicals, foodstuffs, plastics and packaging industries. Our small dosing feeders are successfully used in a variety of other industries as well. They are not just used for dosing purposes, but also as space-saving and cost-effective conveyor units.

In addition to the standard widths (60, 90, 120 and 220 mm), we also produce dosing feeders as well as dosing shafts with cylindrical feeder troughs based on your specifications and requirements. The small screens come standard in stainless steel 1.4301 with glass bead-blasted surfaces. The standard package includes a partial cover on the feed-end with an entry collar.

Other deliverable options include alternative structural materials, special surfaces, complete enclosures, exit collars and substructures (static, movable).

The unit can be equipped with a thyristor controller, which makes it ready to connect and conforms to CE requirements.



## ADVANTAGES

- ✓ Modular Design
- ✓ Short delivery times
- ✓ Space-saving design
- ✓ Simple cleaning
- ✓ Low maintenance
- ✓ Stepless adjustment of vibration width using the thyristor controller
- ✓ Can be integrated into processes with the control unit



## APPLICATIONS

- Plastics
- Chemical Products
- Food

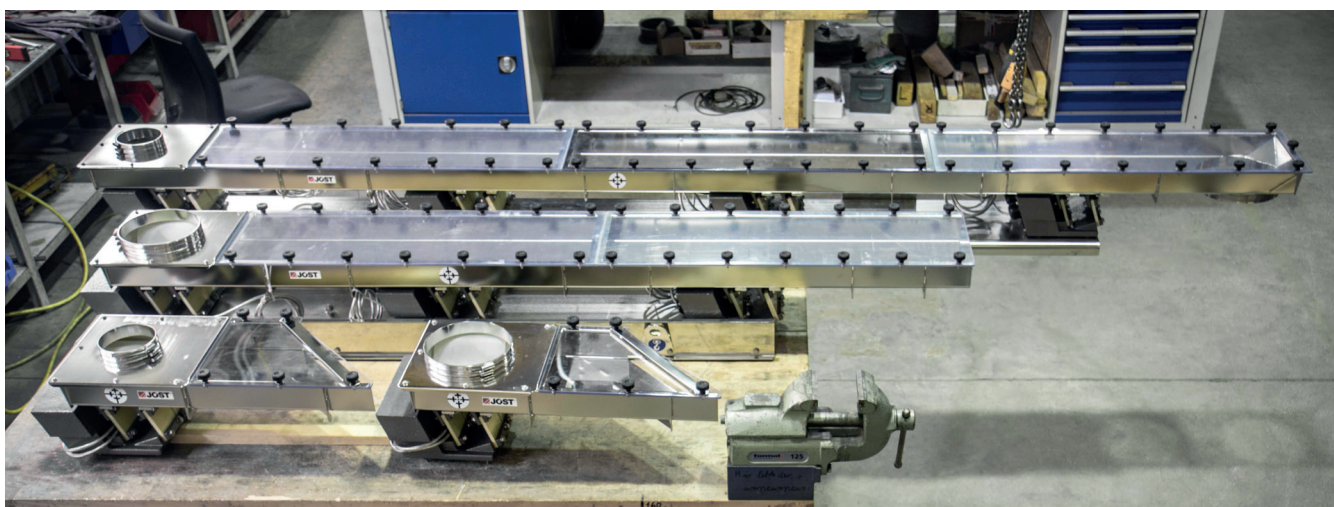


## OPTIONS

- Single- and double-decker models
- Special materials
- Special surfaces
- Complete enclosures
- Exit collars
- Substructure available - either static or movable
- ATEX model

## TECHNICAL DATA

- Standard trough widths: 60 mm, 90 mm, 120 mm, 220 mm and special models beyond that through put rating: standard up to 5 m<sup>3</sup>/h, when handling
- Plastic granulates d=2.5 - 3.0 mm
- Bulk material weight 0.6 - 0.65 t/m<sup>3</sup>
- Drive output: up to 350 W



# TECHNICAL DATA

Dosing Feeder / Type B/H x L	Drive	Main Voltage V	Supply frequency H	Weight kg	Feeding capacity S1-100% m³/h	Feeding capacity S3-50%/60min m³/h	x= without cover
FDL 60/35 x 400	JD 20/25 - 50	230	50	5,1	1,0	1,4	
FDL 90/50 x 500	JD 20/25 - 50	230	50	5,7	1,6	2,4	X
FDL 90/50 x 500	JD 20G/25G - 50	230	50	8,6	1,1	1,6	
FDL 90/50 x 500	JD 30/35 - 50	230	50	10,0	1,9	2,7	
FDL 120/70 x 630	JD 30/35 - 50	230	50	11,2	3,2	4,8	
FDL 120/70 x 630	JD 40/45 - 50	230	50	17,0	4,1	6,0	X
FDL 220/80 x 800	JD 40/45 - 50	230	50	21,0	6,4	9,5	
FDL 220/80 x 800	JD 40G/45G - 50	230	50	29,4	5,5	8,3	
FDL 220/80 x 800	JD 50/55 - 50	230	50	34,5	7,8	10,8	
FDL 60/35 x 400	JD 20/25 - 50	230	60	5,1	1,2	1,5	
FDL 90/50 x 500	JD 20/25 - 50	230	60	5,7	2,2	2,8	X
FDL 90/50 x 500	JD 20G/25G - 25	230	60	8,6	1,7	2,3	
FDL 90/50 x 500	JD 30/35 - 50	230	60	10,0	2,5	3,3	
FDL 120/70 x 630	JD 30/35 - 50	230	60	11,2	4,4	5,8	
FDL 120/70 x 630	JD 40/45 - 50	230	60	17,0	5,2	6,7	X
FDL 220/80 x 800	JD 40/45 - 50	230	60	21,0	9,1	11,6	
FDL 220/80 x 800	JD 40G/45G - 50	230	60	29,4	8,0	10,5	
FDL 220/80 x 800	JD 50/55 - 50	230	60	34,5	9,7	13,0	

A member of the

 **JOEST group**

JÖST GmbH + Co. KG, Germany  
Gewerbestraße 28 - 32, 48249 Dülmen

Fon: +49 2590 98 0  
Fax: +49 2590 98 101

info@joest.com  
www.joest.com

