



Mixing & Cleaning

GEBR. RUBERG

MASCHINENFABRIK

ORIGINAL – SINCE 1848

RUBERG

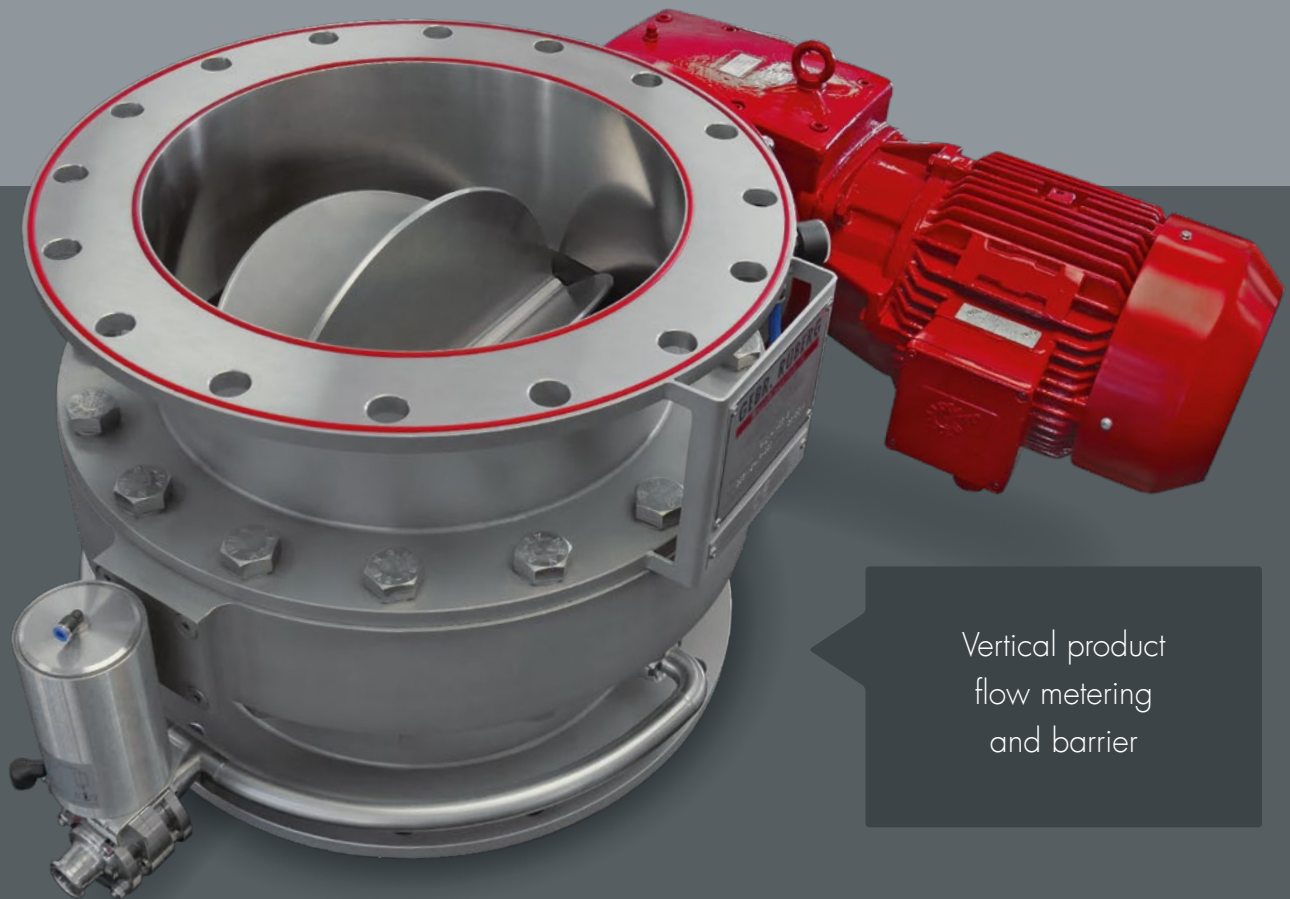
Vertical feeder

■ RVD series

Technical data sheet and product overview

Areas of application:

- ▶ Chemistry
- ▶ Pharmacy
- ▶ Food
- ▶ Building materials
- ▶ Plastics
- ▶ Animal feed



Vertical product
flow metering
and barrier



RESEARCH | DEVELOPMENT | DESIGN | ENGINEERING | SERVICE

Vertical feeder | RVD series

Applications

RUBERG vertical feeders generate a uniform bulk flow that is gentle on the product. They are suitable for discharging free-flowing dry materials from bins, silos, mixers, etc. The polygon effect during the rotation of the spherical rotary lock prevents bridging with heavy-flowing products on the one hand, and gushing with particularly easy-flowing products on the other. For example, downstream equipment such as screening machines, continuous conveyors, packaging equipment, etc. can be fed.

Mode of operation

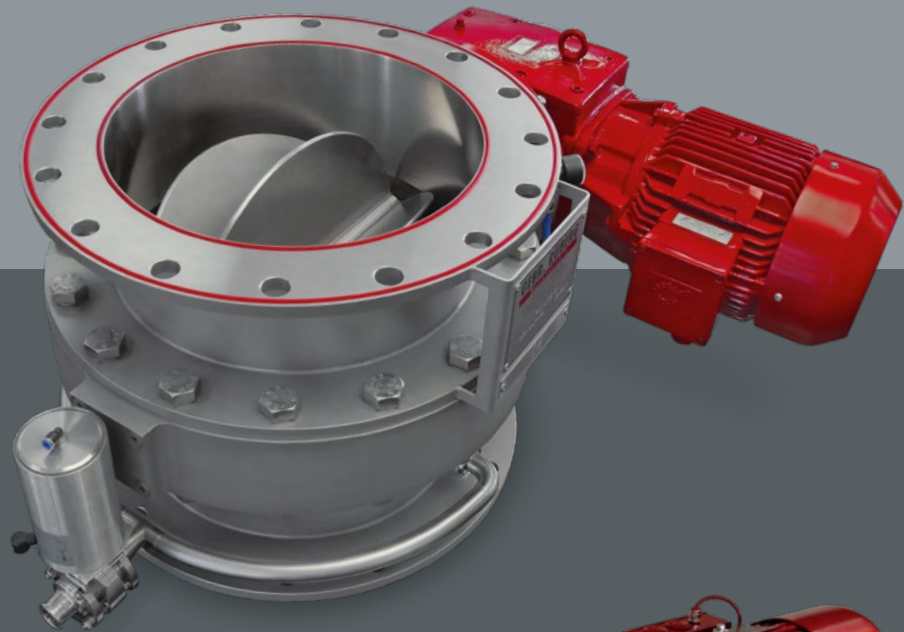
A solid housing contains a rotary lock with 6 to 12 open chambers, which is guided axially and radially in maintenance-free bearings and seals. The throughput rate is driven and adjusted by a direct flanged gear motor with variable speeds.

Type RVD 500

Stainless steel

Material: 1.4571.

For chemicals



Type RVD 300

Stainless steel

Material: 1.4571.

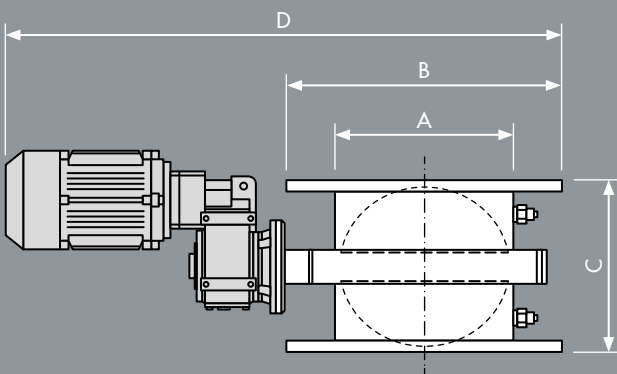
For food



Design

Finished in high quality stainless steel materials. With hygienic surfaces and seals, used in the chemical, food and pharmaceutical sectors. The nominal diameters and connection flanges correspond to common standard series, allowing RUBERG vertical feeders to be integrated into existing pipelines and systems. Equipped with an inflation sleeve and position sensor for the rotary lock, RUBERG ver-

tical feeders can also be used as dust- and pressure-tight shut-off devices. Variable gap dimensions for sensitive granules, heating jackets for temperature-controlled products, integrated cleaning and CIP nozzles are examples of extensive accessories.



Performance data & dimensions

Type	Nominal width	Throughput outputs in m ³ /h	Drive powers in kW	Approx. dimensions			
				A in mm	B in mm	C in mm	D in mm
RVD 150	DN 150	1.0 - 9.0	0.55	150	285	155	705
RVD 200	DN 200	3.0 - 15.0	0.75	200	340	205	810
RVD 250	DN 250	5.0 - 25.0	1.10	250	395	255	875
RVD 300	DN 300	7.0 - 35.0	1.50	300	445	305	950
RVD 400	DN 400	13.0 - 65.0	2.20	400	565	405	1135
RVD 500	DN 500	20.0 - 100.0	3.00	500	670	505	1240

RUBERG Technology Centre



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Would you like more information about this RUBERG machine type? – Contact us, we will be happy to advise you!



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