

Micro-spraying system for liquid additives



Micro-spraying system ROTOSPRAY® type RS 700

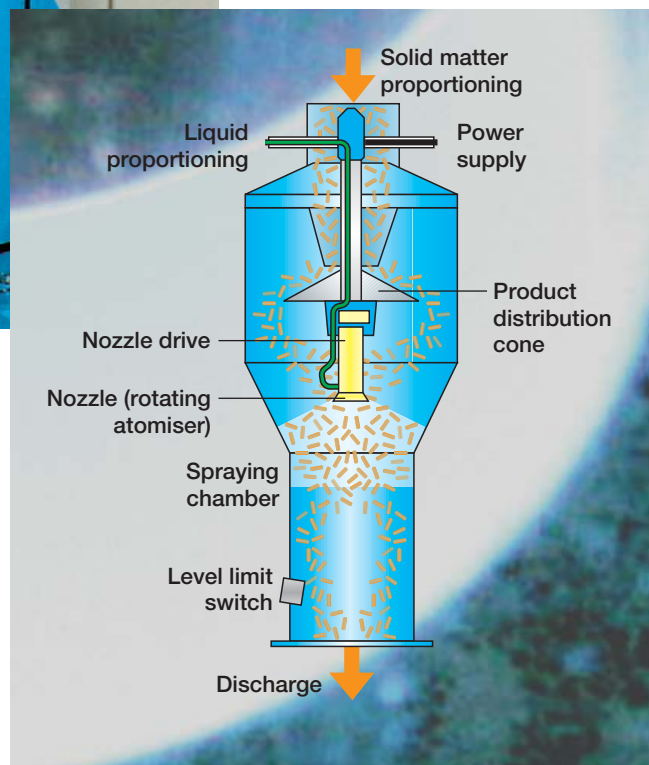


Product distribution cone of the ROTOSPRAY®

The main part of the system is a rotation atomiser permitting the finest spraying of liquids. The special distribution of the solid matter flow guarantees an all-round liquid coverage on to the product.

Advantages of the ROTOSPRAY®

- Low space requirement
- Automatic adaptation of the liquid to the solid matter flow
- Undiluted spraying
- No remainders of liquids
- No spoilage
- Insensitive to dust
- No danger of clogging
- Unpressurized liquid supply
- Thrifty coating



ROTOSPRAY®
heatable

Micro-spraying systems

The KAHL ROTOSPRAY® programme comprises 3 types for small, medium, and high production capacities.

1 millilitre of liquid is diffused into ~ 10,000,000 droplets.

KAHL ROTOSPRAY®

1 millilitre of liquid is diffused into ~ 10,000,000 droplets



ROTOPRAY®
type RS 350 in
stainless steel design

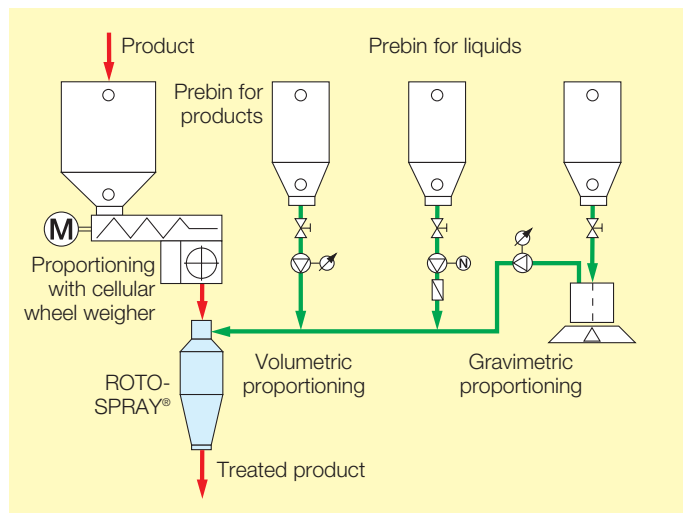
The system is appropriate for the following liquids:

- Enzymes, particularly phytase
- Disinfectants
- Vitamins
- Aromatic substances
- Flavourings
- Vegetable oils
- Organic acids
- Dust binders

Appropriate product shapes:

- Mealy products
- Crumbles
- Expanded, extruded products
- Pellets with any diameter

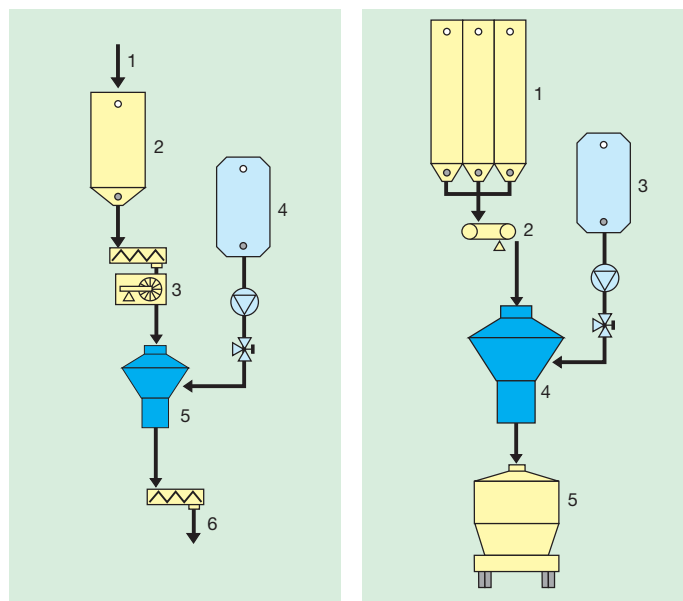
Installation possibilities and examples for proportioning systems



Technical data of the ROTOSPRAY®

Type	Solid matter	Liquid	Number of liquids
RS 200	0.3 - 3.0 t/h powder, fine grained, free-flowing	max. 20 l/h	2
RS 400	3.0 - 6.0 t/h granular size max. 10 mm	max. 20 l/h	2
RS 600	12 - 20 t/h – RS 600-16 20 - 30 t/h – RS 600-25 30 - 50 t/h – RS 600-40	max. 500 l/h	3 simulta- neously - but separately
RS 800	50 - 80 t/h	max. 500 l/h	3 simulta- neously - but separately
RS 1000	80 - 120 t/h	max. 500 l/h	3 simulta- neously - but separately

Examples for possible applications



- 1 From the cooler
- 2 Prebin
- 3 Continuous weigher
- 4 Storage bin for liquids
- 5 Spraying chamber ROTOSPRAY®
- 6 Transport to the finished product cell

- 1 Finished product cells
- 2 Continuous weigher
- 3 Storage bin for liquids
- 4 Spraying chamber ROTOSPRAY®
- 5 Truck or bagging plant



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