



# VIBROFEED

SPECIALISTS IN FEEDING AND SORTING  
VIBRATORY TECHNOLOGY



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# AGENDA

- **About VIBROFEED**
- **Vibratory feeding system**
- **Products**
- **Drivers and accessories**
- **Surface treatment and coating**
- **Renovation of vibratory feeding system**
- **3D support**
- **Solutions**
- **Galery/ References**



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# About VIBROFEED

We design and manufacture quality vibratory feeding systems used for process automation in various industries.

We offer complete vibratory feeding system solutions for our customers within Europe and beyond.

SUPPLIER OF  
VIBRATORY  
FEEDING AND  
SORTING  
TECHNOLOGY

CUSTOM-MADE  
SOLUTIONS IN  
AUTOMATION

INDIVIDUAL  
APPROACH

QUALITY  
GUARANTEE

SUPPORT  
SERVICE



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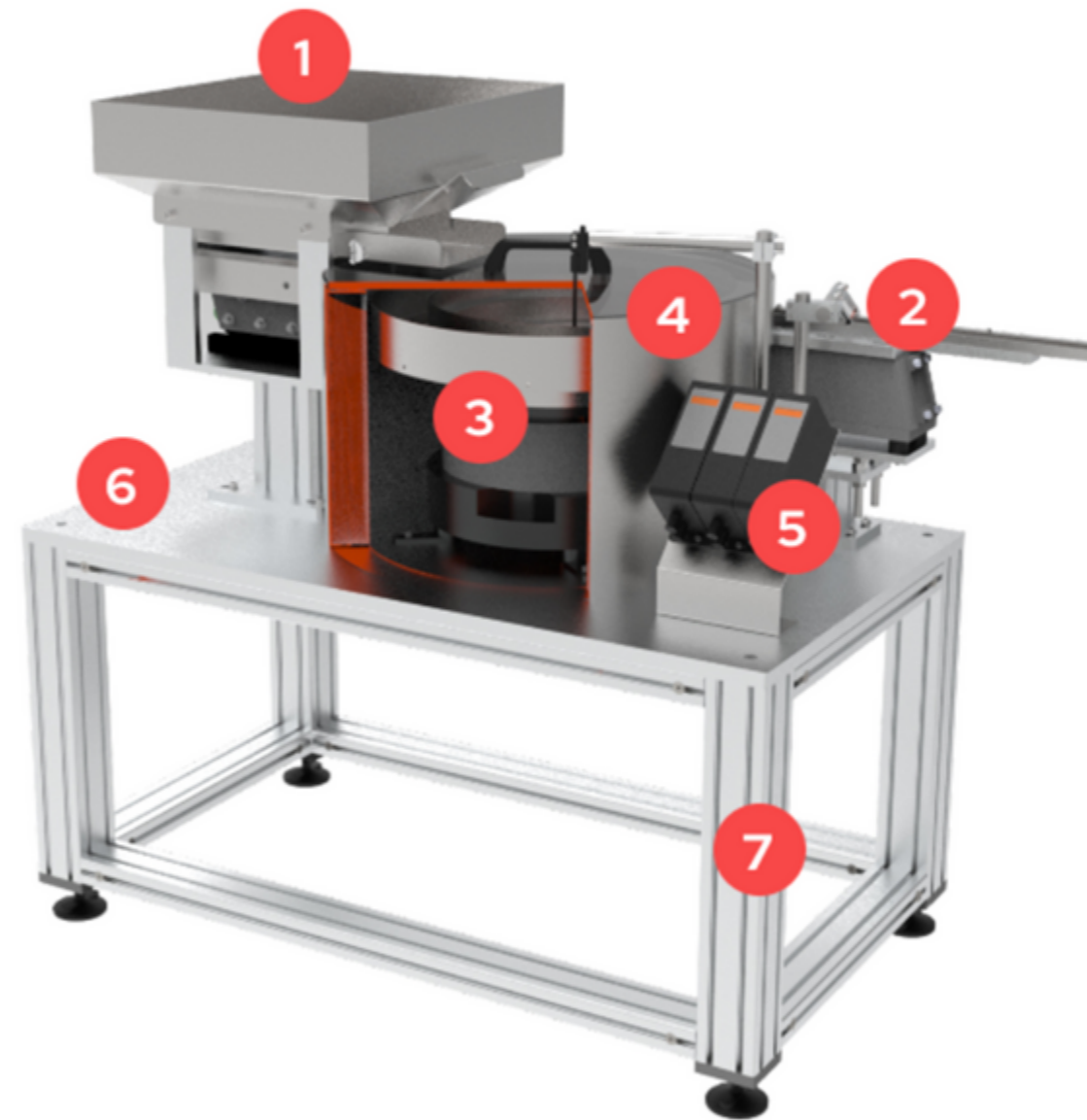
# VIBRATORY FEEDING SYSTEM



Vibratory feeding devices are used for feeding and orientation of small but also medium-sized parts in the process of production automation.

These vibratory devices also ensure automatic and smooth feeding of parts, making them an invaluable part of any automated production.

Vibratory feeding systems generally consist of the following equipment:

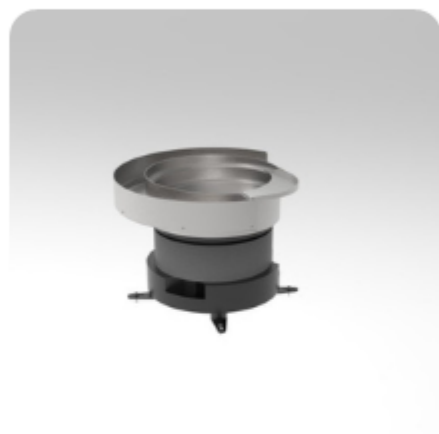


- 1 VIBRATORY PRE-FEEDER  
Feeding large volumes of material
- 2 VIBRATORY LINEAR FEEDER  
Feeding and sorting of parts
- 3 VIBRATORY BOWL FEEDER  
Feeding and stocking of parts
- 4 NOISE- BLOCKING ENCLOSURE  
Vibration system soundproofing
- 5 CONTROLLERS  
Vibratory drive control
- 6 ALUMINIUM PLATE
- 7 TABLE





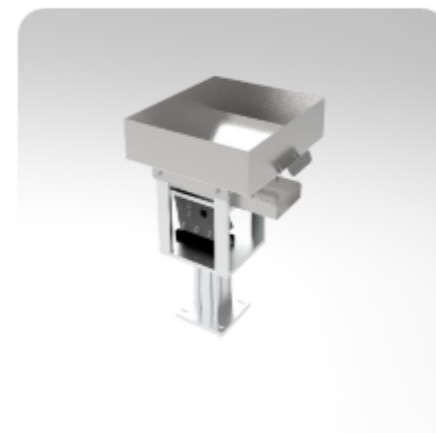
# PRODUCTS



**Vibratory bowl  
feeder**



**Vibratory linear  
feeder**



**Vibratory hopper**



**Straight Belt hopper**



**Inclined belt hopper**



**Elevator hopper**



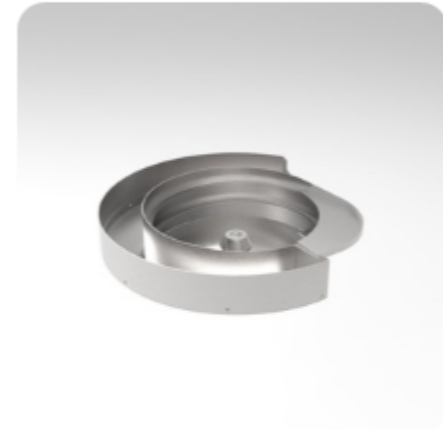
# DRIVES AND ACCESSORIES



**Vibratory bowl drives**



**Vibratory linear drives**



**Bowls**



**Control unit**



**Anti-noise cover**



**Tables and plates**



**Control unit holders**



**Level sensors**



**Level sensors holders**



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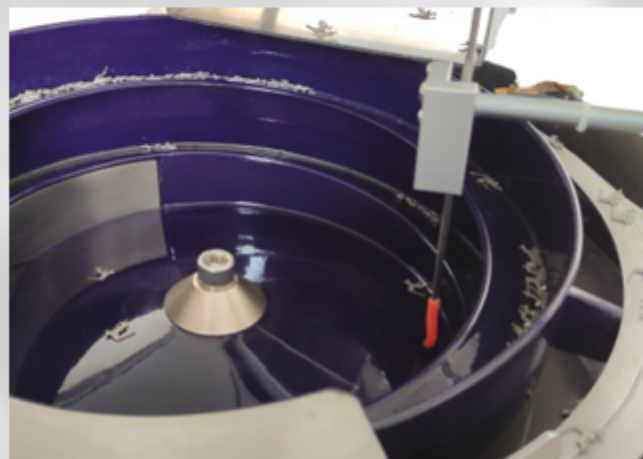
# SURFACE TREATMENTS



Surface treatments for vibratory feeders are applied to the internal components of bowl feeders.

## Surface treatment with sprayed PU coatings.

Rubberising a vibratory feeder reduces noise, especially when it comes to larger and heavy parts. The main task of the rubber coating is to reduce the wear of the feeder part and the fed parts themselves. It also extends the life of the vibratory feeder.



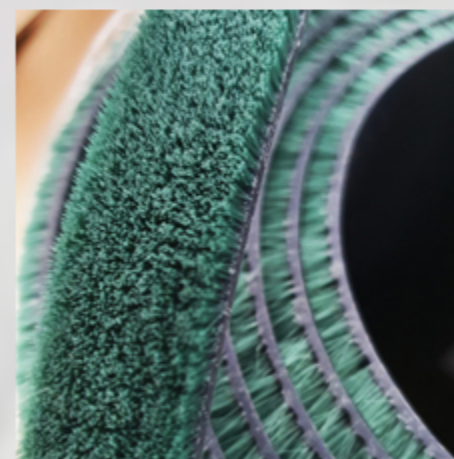
## Sandblasting and bead blasting

Sandblasting unifies the appearance of the entire vibratory feeder. The main advantage of sandblasting is the gentle roughening of the surface. This is suitable for parts that have a small contact area with the feeder track and a tendency to backtrack along the feed line.



## Brushlon anti-slip carpets

Brushlon anti-slip carpets are applied in the inner part of the bowl feeder. The main task of Brushlon carpets is to reduce noise, protect against wear, and prevent the part from backtracking along the feed line. The small bristles are tilted at a certain angle, which prevents any backward movement of the part. Brushlon has a wide range of uses for both small and large parts.



## Grinding and polishing

Grinding and polishing of vibratory bowl feeders unifies the appearance of the entire device. This is primarily applied in the food and pharmaceutical industries. The clean and smooth surface is easy to clean and maintain. It also prevents the contamination of parts fed through the feeder.







# REFURBISHMENT OF VIBRATORY EQUIPMENT

Some vibratory equipment wears over time and the internal surfaces need refurbishment.

We offer:

- Laser removal of old paint
- Spray-applied surface treatments
- Grinding and sandblasting surface treatments
- Mechanical repairs



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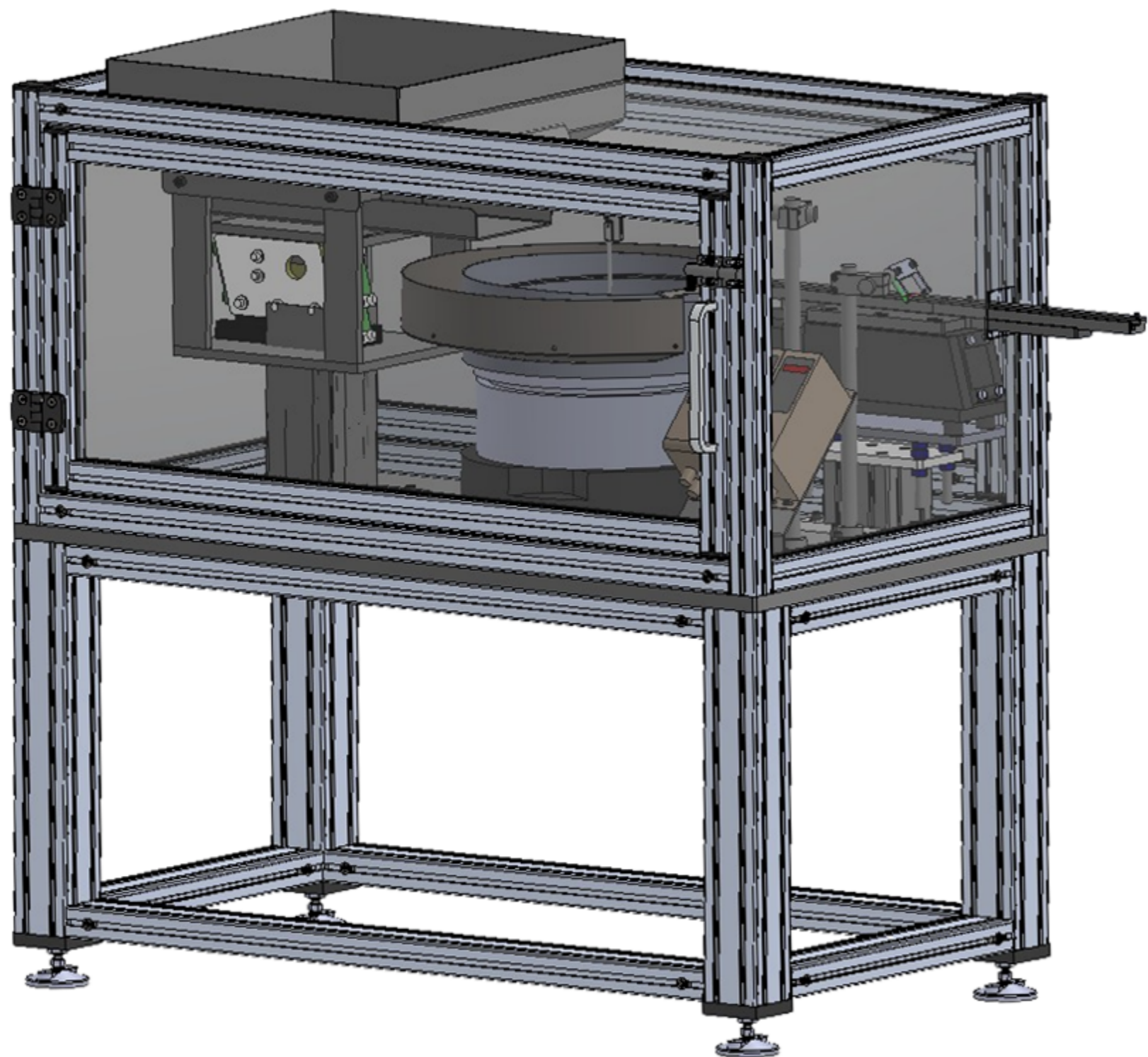


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## 3D SUPPORT

During the development of our vibration systems, we provide 3D models for customers to implement into their assembly models.



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# SOLUTIONS



## AUTOMOTIVE

Feeding and sorting of plastic or metal parts



## MANUFACTURING

Feeding and sorting of screws, nuts, washers, pins,...



## ELECTRICAL

Feeding and sorting of various semiconductors, parts



## FOOD AND BEVERAGES

Feeding and sorting of small bottles, lids, food



## PHARMACY

Feeding and sorting of tablets or pills



## CONSUMER GOODS

Feeding and sorting of buttons, razor blades



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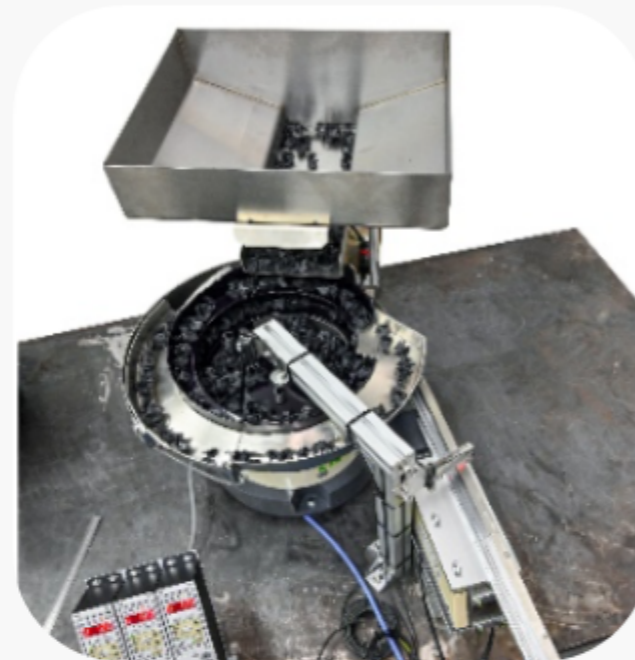


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# GALLERY



**THANK YOU FOR ATTENTION**

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