

Welcome to
the world of
feeding systems

Sorting · Feeding · Automating



Tailored feeding solutions

Not always an easy task, particularly if precise part delivery and maximum productivity are required simultaneously. And yet, implemented as an efficient unit, Grimm's feeding systems ensure fast, precise, efficient provision, delivery and transfer of a variety of workpieces.

Whether it's the electronics, plastics, pharmaceutical, medical technology, furniture, packaging or automotive industry – there is hardly any sector in which Grimm feeding systems are not represented.



The task as a challenge

We offer you:

- 3D-CAD system design
- High degree of standardisation
- High manufacturing depth
- Own control engineering
- Flexibility
- Customer focus

Only in this way is it possible to achieve our high quality and service standards.

Hand in hand with our customers

Working closely with our customers is particularly important to us. We therefore develop our concepts together with you and support you from the initial approach, to the design and manufacture right through to shipment.

These are not empty promises, as our references will confirm. Both medium-sized suppliers and large international companies use Grimm's feeding systems. A look at the "References" column on our website will tell you more.





Bowl feeders

An upper component diameter from 70 to 1200 mm and three designs: conical, stepped and cylindrical. Always in combination with the right drive.



Linear feeders

The interface between sorting equipment and downstream delivery units with maximum structural lengths up to 2000 mm.



Linear feeding systems

One or more linear lines serve to align the parts. Design, size and scale are adapted individually to the customer's specific conditions.



Centrifugal feeders

For high-speed feeding of mass production parts with feed performances in excess of 1000 parts per minute.



Step feeders

The optimal solution for large parts. It enables careful and low-noise part alignment.

Our strengths

Ideal for robot-controlled systems: Thanks to the ability to combine with camera systems, it is possible to feed several different types of parts with virtually no additional tooling.

Individually adjusted conveyors with customised widths and lengths.

Parts storage and metered feeding with a loading capacity of up to 350 dm³.

Phase angle and frequency equipment, forked photoelectric sensors, noise-insulating covers, level sensors, types of coatings and much more.

They link several feed components with individual automation concepts.



Slat conveyors



Conveyor belts



Hopper systems



Control devices & accessories



System solutions



Grimm's feeding systems

Linking several feeding system components results in tailored system solutions for a great variety of application areas and sectors.

All operations at Grimm are predominantly carried out in-house by highly qualified staff.

The aim is to involve the customer in all processes and procedures wherever possible. Detailed documentation of each project is equally important, however. Only then can a smooth process and exact reproducibility of Grimm feeding systems be ensured.

You can find further application examples at

www.grimm-automatisierung.de

... as an efficient unit



Feeding using bowl feeders

- Feed metal parts into the right position
- Insert parts as bulk goods
- Performance: 40 parts / minute
- Bowl feeder with an upper part diameter of 390 mm
- Linear feeder with mounted vibration rail
- Static end piece on a separate stand
- Transfer handling with grippers
- Entire structure on base plate and stand



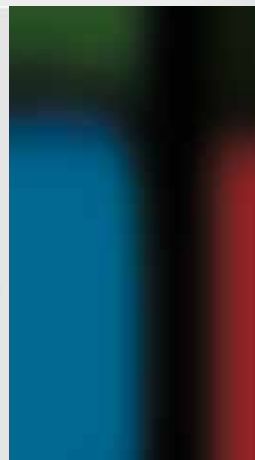
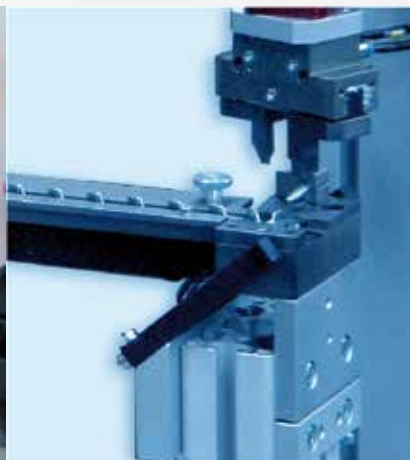
Feeding with centrifugal conveyor

- Feed plastic parts into the correct position
- Insert parts as bulk goods
- Performance: 128 parts/minute
- Centrifugal feeder ZF50 with steep conveyor BBV
- Conveyor belt with subsequent position recognition thanks to line camera
- Tracks any parts that are lying incorrectly in steep feeder
- Buffer area with pneum. accumulation chambers
- Very high availability thanks to in-house troubleshooting

Top-level engineering services

When creating a feeding system tailored to your requirements we do more than just consider what is absolutely necessary.

- We devise the most sensible technical solution for you
- Consider the optimal link with your overall system
- And find a permutation that is cost effective for you



Tailored solutions for your requirements

Head office in Spaichingen

Grimm Zuführtechnik GmbH & Co. KG
Robert-Bosch-Strasse 3
78549 Spaichingen, Germany
Fon: +49(0) 74 24/95 80 - 0
Fax: +49(0) 74 24/95 80 - 19
e-mail: info@grimm-automatisierung.de
www.grimm-automatisierung.de

The areas of production, assembly and control engineering, as well as procurement, design, sales and senior management are brought together under one roof in a modern industrial building.



We are at home here

International focus

Thanks to our global agents and service support locations, we even offer high quality standards and impressive services across national borders.

A view of the "Contact" column on our website will help you to find the right contact for your area.

On the web

Visit us online at the Grimm homepage **www.grimm-automatisierung.de** You will find information on every aspect of products, company, latest news and much more here.

A comprehensive download area offers detailed information, such as data sheets, CAD data and operating instructions. We provide you with videos and pictures specific to your particular order about the approval of your feeding system upon request via the protected customer area.



Interested?

We also have a solution tailored to your particular set of needs.

Speak to us at:

Fon: + 49(0) 74 24/95 80 - 0

vertrieb@grimm-automatisierung.de

or simply take a look at our website where you will find further information about the product program:

www.grimm-automatisierung.de

The download area offers you detailed information, such as data sheets, CAD data and operating instructions.