ALIVIBRO
Vibration - Handling - Automation

Vibratory Feeders

COMPREHENSIVE SOLUTIONS

Inspired by craftsmanship
driven by technology

VIBRATION ▪ HANDLING ▪ AUTOMATION

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Company

Alivibro was founded in 2007 to develop industrial vibrating feeders and orienting devices. Our work is guided by four key principles:

1. RELIABILITY

We primarily serve the mechatronics sector, where complex industrial automation requires **precise** equipment capable of maintaining the performance over time.

2. CUSTOMER-CENTERED DESIGN

All our products are **tailor-made**, offering various levels of customization: from basic feeders to fully autonomous feeding units.

3. RAPID AND REPEATABLE MANUFACTURING

We execute any project quickly thanks to a **highly digitalized** production process that includes CAD design and simulation, CNC manufacturing, 3D printing, and laser cutting.
Our constantly updated digital project archive ensures prompt feasibility assessments and a **fully repeatable** production.

4. EASE OF INSTALLATION AND MAINTENANCE

Our devices are designed for **easy installation**, whether it's a single component or a complete work cell. They are customized to meet specific requirements and equipped with modern fieldbus communication systems. The high reproducibility of each product ensures long-term reliability, facilitating **remote support** and simplifying spare part replacement.

Since 2007, Alivibro is committed to these four principles, while consistently staying up-to-date with the latest technologies and the evolving needs of new markets.

30+
PEOPLE

30
PIECES/SECOND OUTPUT

17
YEARS OF EXPERIENCE

500+
FEEDING SYSTEMS PRODUCED IN A YEAR



3D DESIGN AND SIMULATION



TURNKEY SYSTEM

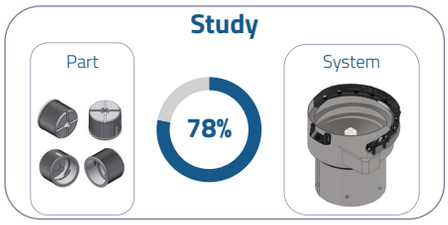
2000m²
PRODUCTION AREA WITH IN-HOUSE MACHINING WORKSHOP

How we work

Our process combines craftsmanship and industrial technology at every stage.

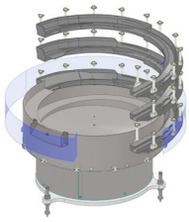
QUOTE

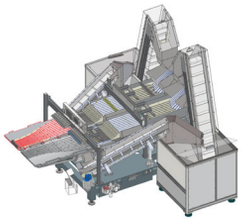
We receive the sample part to be handled, along with the feeding specifications. These details are then compared with our historical database to identify past projects with the closest match.



(CO-)DESIGN

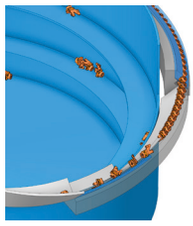
Once the order is confirmed, we use the part's 3D model to develop an initial machine draft. This draft is crucial for evaluating the machine's interface and space requirements, both of which are key aspects of the project.

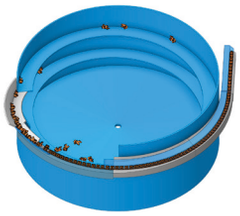




DEVELOPMENT

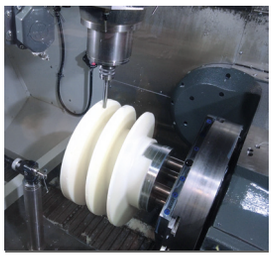
In this phase, we determine the most efficient and sustainable approach to meet the customer's specifications. Using advanced physics simulation software, we evaluate the performance of the machine before it's even built.





PRODUCTION

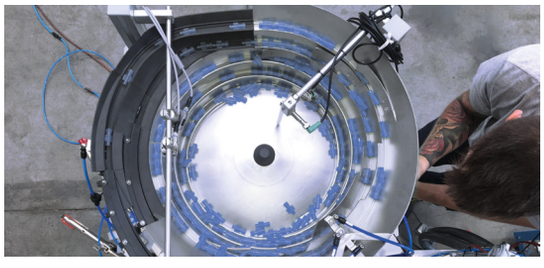
We manufacture all custom parts in-house, employing machining processes (3 and 5-axis), 3D printing, and laser cutting. For standard components we exclusively use products from RNA (Rhein-Nadel Automation), a recognized leader in the industry.





TESTING AND INSTALLATION

We start by calibrating the vibrating systems and, for more complex workstations, we assemble and test the entire device. You can either approve the device and proceed with installation on your own or request our team to handle installation and testing on-site.



AFTER-SALES SUPPORT

After installation, we're always available for any support or maintenance needs. Thanks to the strong consistency of our products, we're able to offer quick remote assistance.





Inspired by craftsmanship



DESIGN
We work closely with clients, identifying their needs and guiding them step by step through the process.



ACCURACY
We test and install our products with great care, paying close attention to every detail.



CLIENT RELATIONSHIP
We offer continuous support for all our products and build long-lasting business relationships.

Driven by technology



PRODUCTION
Our in-house production utilizes state-of-the-art systems and machinery, such as CNC machining, 3D printing, and laser cutting.



DIGITALIZATION
Our cutting-edge simulation algorithms and AI technology allow us to begin production with full confidence in achieving the desired results.



KNOW-HOW
Our extensive archive of projects, built over decades, allows us to speed up the design process right from the quotation phase by leveraging historical data analysis.

RNA Components

For our projects at Alivibro, we utilize components from RNA (Rhein-Nadel Automation), a leader in the production of vibrating bases, bowl feeders, linear conveyors, and centrifugal feeders.

RNA is renowned for its reliability and technological advancements. Their products provide versatile use, consistent long-term performance, easy maintenance, and exceptionally low noise levels.
Since its founding in 2007, Alivibro has been an official distributor for RNA.

RNA
OFFICIAL DISTRIBUTOR

Products

(MULTI-OUTLET AND MULTI-FORMAT) BOWL FEEDERS

The traditional vibrating system for circular feeding and orientation is enhanced in both efficiency and sustainability by two key Alivibro design features: **artificial vision**, which enables the extraction of geometrically unsortable parts, and **quick adjustment**, which removes the need to replace the entire feeding track.

CONVEYOR AND BUFFER SYSTEMS

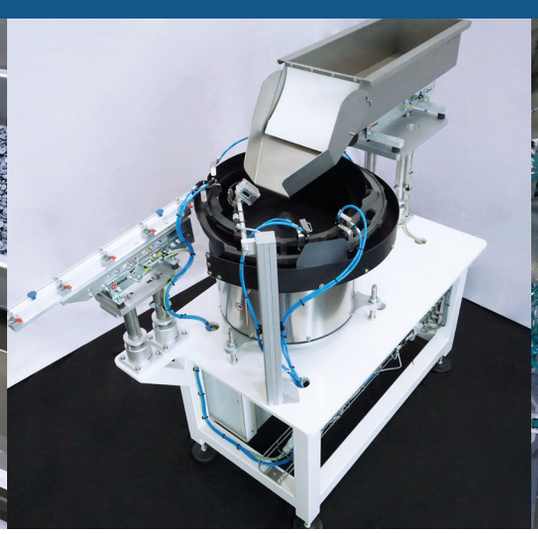
Everything needed after the sorting stage: linear vibrating tracks, belt conveyors, elevators, and step-feeders. Our supplementary hoppers **boost autonomy** while maximizing space efficiency.

COMPLETE STATIONS

These **systems** integrate circular and linear vibrating feeders, pre-configured and **paired together**. They are thoroughly tested to avoid collisions and resonances, and can be wired to suit any installation type, from custom junction boxes to fully integrated solutions with fieldbus connectivity. Our end-of-line devices are specially optimized for pick-and-place operations and customized to meet specific requirements.







Industries We Serve

- **Pharma**
- **Medical devices**
- **Automotive**
- **Electronics**
- **Electrical industry**
- **Consumer goods**
- **Furniture**
- **Mechanical industry**
- **Food and beverage**

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MULTILINE SYSTEMS

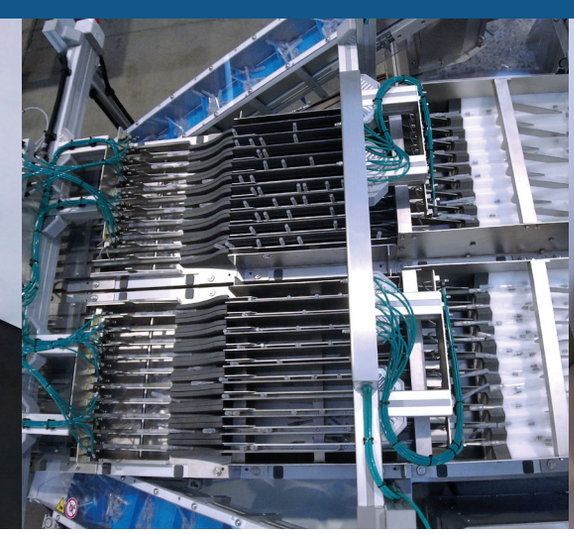
These **advanced, scalable linear feeding devices** are ideal for high-capacity production machinery, offering up to ten parallel feeding lanes at equal speeds. Designed for both high-volume and high-speed operations, they efficiently merge multiple outlets into a single stream. Their fully modular structure, produced entirely through CAD/CAM processes, allows for **rapid reconfiguration** with part-specific kits, ensuring maximum flexibility for any application.

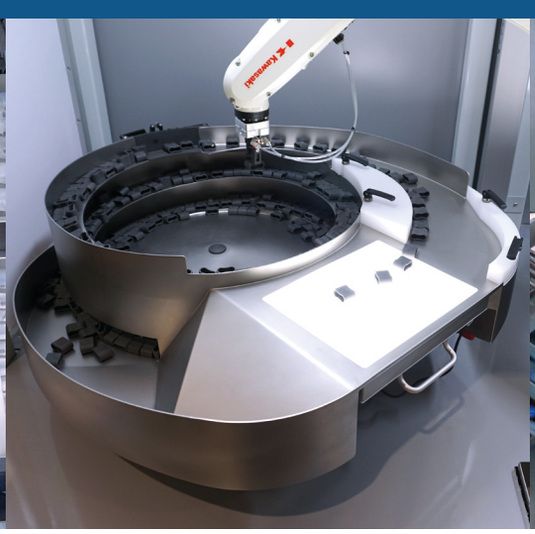
A-BOWL®

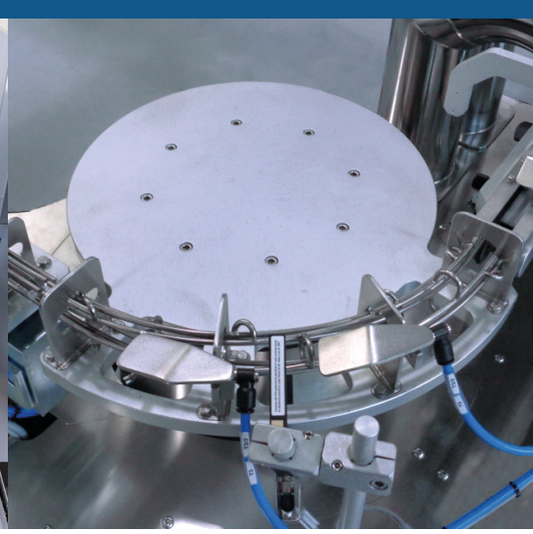
A-BOWL® is our most **adaptable** feeding system, enabling the loading of limitless geometric configurations via **robot**. To learn more, consult the dedicated brochure or visit www.abowl.tech.

...AND EVERYTHING ELSE

At Alivibro, we specialize in c**ustom solutions-requests** so **specific** that they don't fit into any standard brochure category. If you can't find what you're looking for in these pages, feel free to reach out using the contact details on the back of the booklet!







Services

Maintenance

Balancing and calibration

Coatings

Spare parts and technical support

ALIVIBRO S.R.L.
Via Cesare Beccaria, 14
37036 - San Martino Buon Albergo (VR) - Italy

Tel. +39.045.6152470
e-mail: commerciale@alivibro.it
www.alivibro.it

REA: VR - 356616
Partita I.V.A e Cod.Fiscale 03681840231
Capitale Sociale € 250.000,00 i.v.