










-  Engineering & Projectmanagement
-  Storage- and Handling equipment
-  Conveying
-  Service & Maintenance
-  Packaging
-  Milling & Sifting
-  Homogenizing & Dissolving
-  Weighing & Dosing
-  Laboratory & Analysis

Partners



We know-how

- Food
- Dairy
- Cosmetics
- Chemicals
- Pharmaceuticals
- Infant nutrition



We know-how



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Solids & Liquids

The companies Jongerius B.V., situated in the Netherlands, and Govatec N.V. & Govatec Service N.V. in Belgium have proven to be truly accomplished during the past 30 years and play an important part in the solids handling market, not just within the Benelux but also outside these borders.

Jongerius-Govatec continues to distinguish by offering an extensive service and know-how combination package working with A-brand products and a superior network in dealing with the processing of solids and liquids.

Because Jongerius-Govatec does not want to be the cheapest, for unconventional solutions you have to be the best and reliable by guarantee high standards. Only that way you will create opportunities and with innovation you can compete.

Three words....

We know-how

Engineering & Projectmanagement

Expert engineers

Jongerius not only specialises in equipment and installation thereof, but we also specialise in engineering and advice in engineering. We have a well established team of technicians whom through thorough training and years of experience are able to provide professional advice on how to adapt, develop and realise the optimisation of installation. We cover everything from the initial feasibility analysis to a complete detailed engineering process.

A clear approach of each project characterises a solution orientated working methods. Each project is conducted according to a transparent system lead by a project manager. This results into a suitable design to support technique, budget and planning. These designs are supported by means of a modern three-dimensional drawing.

Our main markets

Food



Dairy



Cosmetics



Chemicals



Pharmaceuticals



Infant nutrition



Service & Maintenance

Specialist service

Repairing, maintenance of equipment and installations requires a distinctive approach. Jongerius recognises the importance thereof and therefore as part of our continuous commitment offer a maintenance agreement. Our service department maintains a service record for each piece of machinery delivered and installed. If desired, we can periodically maintain

the equipment in terms of this maintenance agreement. A team of qualified service engineers have access to a well equipped service van that can accommodate nearly all activities upon location. If required these engineers are also able to provide advice on the purchasing of spare-parts.

We know-how

Conveying systems

Expertise in conveying

We offer a diverse range of conveying systems. Jongerius is able to select the most suitable system for your application together with the assistance of our expert team.

We offer among others;

- Pneumatic conveying
- Aero mechanical conveying
- Screw conveying
- Flexible screw conveying
- Vibrate conveying
- Bucket elevator

Testfacility

Tests can be carried out in our well equipped competence center to examine which conveying system would be most suitable to meet your requirements.

Pneumatic conveying

Jongerius offers the following systems for pneumatic transport of dry substances, depending on the applications required:

- Low pressure press and suction conveying (dilute phase conveying)
- High pressure press and suction conveying (dense phase conveying)
- Vacuum conveying

Storage and handling equipment

Wide variety

- Silo`s
- Stock vessels
- Big bag emptying equipment
- Big bag filling equipment
- Sacktip cabinet
- Fully automated sacktip cutting machine
- Container handling systems

Big bag handling systems

- Dust-free working environment
- Availability of big bags in different shapes and dimensions
- Hygienic design
- Compact construction forms
- Available in weigh system with the option of official certification
- Robust construction
- Available in manual as well as automated system

Container handling systems

- IBC dosing system for divergent bulk goods
- IBC and barrel mixing systems up to 2.500 ltr.
- IBC and barrel liftsystems up to a height of 20mtr and lift capacity to 6.000kg

Jongerius sacktip systems

- The cone is adjustable in accordance with the product
- The door is developed for efficient dedusting
- Available with separate or integrated extractor filter



We know-how

Weighing and dosing technique

Continuous and intermitted

The special features are:

- Very high accuracy dosing equipment
- Custom made or specialised solutions for process installations
- A wide range of dosing systems for each application
- Modular construction
- Easy to assembly and disassemble
- FDA/cGMP permitted
- Maintenance-free transmission
- ATEX certified version available
- Pharma executions available
- Worldwide support and service network

Gravimetric and volumetric

Can be applied in the following industries:

- Pharmaceutical industry
- Food industry
- Chemistry and plastic industry
- Pet food industry

Models available:

- Single dosage screw
- Multiple dosage screw
- Weigh belt models
- Special models for granular products
- Special models for low capacities
- Easy to clean models
- Level floor dosage
- Volumetric implementation
- Gravimetric implementation



Milling & Sieving

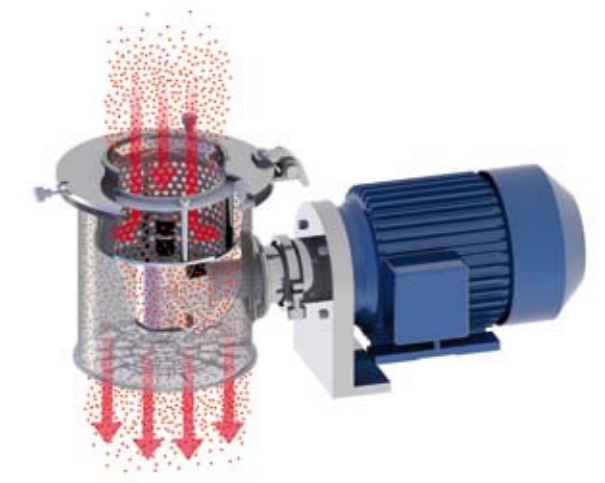
Indispensable link in production processes

Jongerius offers sieve machines for classification and sieve control. These sieve machines are available in single units as well as integrated units. Jongerius therefore offers sieve equipment for every process. These sieve machines have been manufactured over decades with utmost precision to meet with the highest requirements in the field of hygiene and reliability.

Milling equipment

Jongerius supplies high quality equipment for milling processes. These can be utilised as a loose unit or in-line with your existing process.

The extensive series of milling equipment we have to offer can meet the requirements of a vast market segment, dealing with anything ranging from a laboratory scale to large production environment. Due to the unique design the equipment can be built according to scale.





Laboratory & Analysis

Analysis

A reliable and accurate analysis can only be guaranteed by reproducible sample preparation. For these tasks we offer a comprehensive range of modern mills and crushers for coarse, fine and ultrafine size reduction of almost any material. The choice of grinding tools and accessories ensures that our instruments provide for contamination-free and reliable sample preparation prior to laboratory analysis.

Particle characterisation

Retsch Technology develops and sells state-of-the-art optical measuring systems for particle characterization. The products cover a wide measuring range from

- 1 nm to 30 mm and allow for the analysis of
- Particle size of colloidal materials, emulsions, suspensions, dispersions, powders and granulates
- Particle shape of powders and granulates



Packaging

Bulk products

Jongierius specializes in weighing, bagging, closing and palletizing machinery for bulk products. Its extensive experience in this field means that customers can take advantage of the added value offered by multipurpose and reliable automation using the most innovative technologies in both the mechanical and electronic fields.

This great versatility has allowed us to advice truly distinctive machinery, satisfying the requirements of advanced and diversified customers in the food, pharmaceutical, chemical and animal-feed industries.



We know-how

Mixing

For any mixing problem

Our mixing technology provide versatility in application without elaborate conversion procedures.

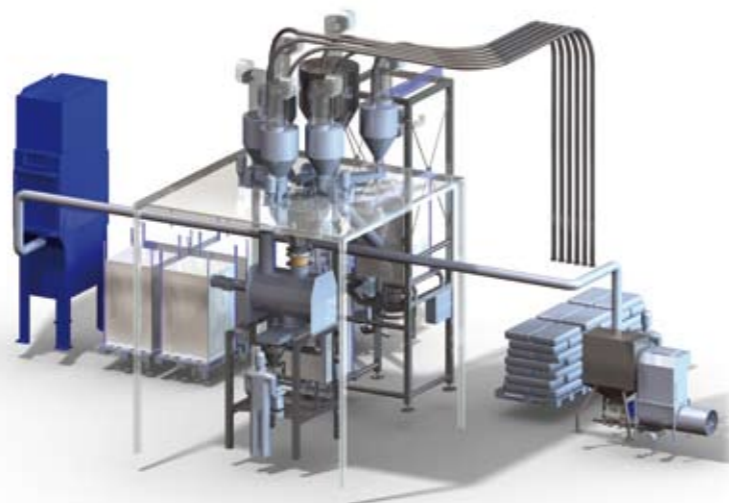
Every mixing product is different, meaning that every mixing task requires an individual solution to meet your requirements.

The precision batch mixers are employed for a great variety of products and tasks - even under extreme conditions.

A full range of models

From lab scale up to large volumes, available in high quality. Typical application areas are:

- Food industry
- Animal feed industry
- Spice & condiment industry
- Chemical industry
- Pharmaceutical industry
- Plastics industry
- Building materials industry
- Recycling industry
- Electronic industry
- Environmental technology



Homogenizing & Dissolving

The perfect solution

Jongierius supplies mixing and dissolving equipment for each process. The equipment with patented technique offers perfect solutions. Equipment which excels with its performance, particularly when the dry substances come into contact with liquids.

We provide equipment for the following applications:

- Batch mixing
- In-line solution
- Homogenise

Applications

Dissolving equipment is often utilised in the below mentioned market segments:

- Food and foods of a stimulant nature
- Pharmaceutical & personal care
- Pet food industry
- Chemistry and petrochemicals

More challenging dry substances to dissolve:

- CMC
- Alginatens
- Caragene
- Milk and soya powders
- Proteins
- Polymers
- Pet food gravy
- Pectin
- Caseinates
- Carbopol
- Xanthaan
- Agar agar (gelatine substitute)

