

AZO Benelux

The expert partner in your neighbourhood



AZO GmbH - Innovative, worldwide



AZO-Osterburken with the new technology centre in the foreground.



From the invention of the first cyclone screener in 1949 to the building of the new technology centre, new AZO developments have left their mark on the entire sector. All these innovations and a completely new testing area have been brought together in one new building.



A brief overview of the AZO innovations:

- 1949 cyclone screener
- 1962 pneumatic conveyor systems
- 1971 vacuum weighing systems
- 1975 pneumatic collecting and filling systems
- 1979 fully-automatic container handling:
the AZO DOSITAINER®
- 1984 automation of macro ingredients:
the AZO COMPONENTER®
- 1990 Big Bag handling systems
- 1996 Containment IBC systems
- 1997 AZO BATCHTAINER,
AZO MIXTAINER
- 2003 DOSIBOX®
- 2005 SHUTTLEDOS concept.

AZO NV – Your local force



The AZO Antwerp customer centre, with ultra-modern testing area and seminar space.



AZO Benelux was set up in 1995 as a subsidiary of the German manufacturer, a trendsetting designer in the field of bulk goods automation. With the backing of this world-renowned machine factory, with about 700 employees and 55 years of experience, AZO Benelux rapidly developed into a fully-fledged, independent operation which can, without exaggeration, call itself a market leader and a trendsetter in the Benelux countries. At Antwerp there is a team of experienced consultant engineers, project managers, team supervisors, service and assembly supervisors, at the service of Benelux customers every day. A hyper-modern testing and demonstration area is at your disposal, with a training and seminar room for about 100 visitors next door.



- A fast and flexible approach, thanks to geographical proximity and client-oriented working
- Optimal performance through local expert partners, supported by the German parent company
- In the heart of the Benelux countries, AZO offers its clients extensive technological know-how in:
 - consulting
 - testing
 - engineering
 - contracting
 - optimisation
 - quality assurance
 - process control
 - validation
 - maintenance
 - service





AZO® Plast

Plastics

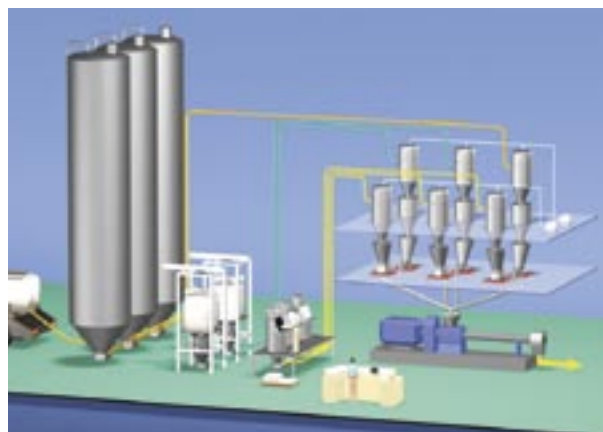
Your expert partner



From Antwerp, AZO offers solutions for:

- collective feeding systems for injection moulding and extrusion lines
- drying
- compounding lines
- heater/cooler mixers and PVC Dryblend
- dosing of additives
- pneumatic conveying systems
- silo construction
- homogenisation and mixing
- automation and traceability

- control screening and dust extraction
- differential and belt weighing systems
- measuring systems
- colouring
- processing of reclaimed materials



A specialised «polymers» department with experts in the world of injection moulding, extrusion and blow moulding gives advice, ranging from simple applications to complete turnkey projects.

Food

Your quality consultant



We can help you implement projects involving: mixing and filling, tailor-made quick-clean conveyor systems, dosing of aromas and flavours, inspection screening, mixing of powders into liquids, continuous production lines, feeding of kneaders and dispersion tanks, dust-free emptying of Big Bags and sacks, quality monitoring and traceability...



AZO® Food



A separate department, specialised in the food industry, with particular interest in sanitary design according EHEDG, CIP and WIP systems, full product traceability in accordance with FDA guidelines, can provide you with expert support in the implementation of your projects.



Pharmaceutical

Your creative designer



We can advise you about the feeding of filling lines and tableting machines, dust control system design according to OEL range and toxicity. Feeding of reactors, centrifuges and dryers. Continuous granulation techniques, the ManDos concept with complete traceability, total containment projects with contamination free coupling systems. Design of isolators and gate systems. Tailor-made machine construction, quick-clean, in stainless steel 316 L, Ra < 0.4 μ , etc...



Experienced engineers drawn from the sector help you when designing: weighing centres, powder treatment in accordance with GMP and FDA guidelines, advice on ATEX.

Chemical

Your versatile adviser



Years of experience in the design of installations for the chemical process industry, such as the feeding of dryers and reactors, inspection screening, feeding of packing lines, mixing and homogenisation systems, taking the specific properties of the product into account. Feeding of filling systems and bulk loading. Silo construction with tailor-made extraction systems. Complete quality management systems with visualisation and traceability, even for the manually added components.



AZO® Chem



Professional advice for this sector. Design of tailor-made installations conforming to ATEX, zonings, systems to suppress or prevent explosions. Adjusted designs to allow for abrasivity and chemical properties. Dust control with respect to legal standards and toxicity

High-tech test area

Put us to the test



We test everything down to the minest detail. AZO N.V. carries out thorough analyses of the raw materials. We perform practical studies on the various products of our customers and make sure that everything works perfectly. AZO Benelux's own database is linked to the database of the parent company in Germany, where a vast number of test results are stored. More than 5000 powders and granulates have already been analysed there.

Just a few of the things we can test: various silo extraction systems, Big Bag emptying, all pneumatic conveying techniques, in particular slow conveying without damage to grains, gravimetric and volumetric dosing techniques.

Various screening techniques, container extractions systems, capacity measurements, weighing techniques, simulation of extrusion feeding systems, colouring and mixing techniques, drying and so on...

Seminars and training courses

Information tailored for the customer

During our seminars, a clear picture is given of all equipment in operation, with simulations and animations, among other things. In addition, customer-oriented and project-oriented training courses are organised on various levels, always with a different emphasis depending on the target groups: operators, maintenance technicians, automation specialists, and so on...



In our customer centre we regularly hold high-quality seminars and theme days. Afterwards, the theory is put into practice in the testing and demo area next door.



Total package

Installation, commissioning and servicing

The fact that we are not far away is a crucial advantage for our installation and servicing operations. Add to this an optimal price/performance/quality ratio and you have the ideal formula.

A problem with the production process?
A worn-out part? That's when every minute counts. And that's precisely why our service is never far away.

The most important spare parts are always in stock at AZO NV Benelux. If the customer is faced with a problem, we can intervene right away.

Thanks to short lines of communication and fast modem connections, our service engineers can quickly get a picture of your production facilities.

Via our telephone service we correctly assess the specific problem and tell the customer what action to take.



- our own installation teams working under experienced supervisors
- speed, because every hour counts
- highly-trained commissioning engineers start your installation and provide on-site training
- our after-sales service is the quickest way to deal with breakdowns
- telephone service for remote diagnosis and maintenance
- 24-hour service
- VCA certified



Components and machines



- bag emptying systems
- belt feeders
- big bag emptying stations
- containers
- divertors
- dosing screws
- dryers
- dust filters
- extraction systems
- gravimetric dosing systems
- high-efficiency mixers
- hopper loaders
- level sensors
- lump breakers
- metal detectors
- rotary feeders
- sampling
- screeners
- separators
- silos
- vacuum conveyors



The heart of every installation are the machines developed and built by AZO. Since 1949, when the company started life with its cyclone screener, dozens of machines have been developed and marketed.

AZO NV - right to the point.

At AZO we are expert partners.
Time after time, our enterprise has triggered new developments. A host of products without which the world of bulk handling would be unrecognisable are labelled: "Invented by AZO".

For you, we create reliable, profitable made-to-measure solutions or an intelligent, personalised total system.

4 specialised business units talk the language of your particular field.



Stocking and transporting bulk powders, feeding and dosing various ingredients, small components and liquids for the food processing industry, in the production of bakery products, bread additives, biscuits and cakes, flavourings, dairy products, chocolate and so on ...



Tailor-made hygienic systems for handling powders in the pharmaceutical and sanitary industries. Such as dietary foods, the specialised dairy products industry, colouring and flavourings, aromas and so on ... Adding and dosing systems for feeding mixers, dryers, granulators and so on ...



Automatic feeding systems for granulates and powders for extrusion and blowing lines and injection moulding machines. Colouring and mixing master batches and reclaimed materials. Feeding and dosing on complete compound lines, heater/cooler mixer feeding, dissolving systems and so on ...



Conveying and adding various chemical products such as additives, fillers, pigments, active products and so on ... in process industry automation, in reaction and synthesis processes, among others. Feeding of reactors, centrifuges, dryers, compactors, extruders, dissolvers and so on ...

