ONE GROUP
Many Possibilities
The BT-Group

Global Solutions

BT-Group Holding GmbH

Location: Gleisdorf, Austria

Managing Directors and Owners: Wolfgang Binder and Markus Binder
BT-Anlagenbau

Movement is Our Business

BT-Anlagenbau is a supplier of automated warehouse technology. Our core competence is in automation and control – the systems that move goods within the warehouse and manage those movements.

We cater for all sizes of projects, from small upgrades of existing equipment up to complete design and construction of large central warehouses. The general contractor role in large projects is handled by our dedicated division ECE-LOG. Besides the automation technology, most of the internal conveying machinery is also sourced from within the BT-Group, for example from the AAT subsidiaries. For some aspects, especially construction of buildings, we bring in trusted outside partners. BT-Anlagenbau is SCC certified.

To our clients, we are a highly experienced, professional, one-stop provider of cutting-edge intralogistics facilities – turnkey solutions including buildings, hardware and software.

HSE-team, another division of BT-Anlagenbau, provides HVAC systems for our warehouses and is also active in the consumer/domestic plumbing and heating market.
ECE-LOG is the division of BT-Anlagenbau GmbH & Co.KG that is dedicated to organizing and carrying out engineering projects in warehousing and intralogistics. ECE-LOG gives clients access to all the expertise and manufacturing capabilities of the BT-Group, and also to the services of its regular outside partners, for example in steel construction.

The name ECE-LOG stands for easy, compact and extendable logistics, and these are exactly the characteristics of the systems we supply. When you do business with ECE-LOG, you can expect excellent service in the following areas:

ECE-STORAGE is a highly efficient, space- and energy-saving high-bay storage system.

ECE-MOVE ensures the best conveying systems for your needs – as far as possible, eliminating forklift transport in favor of automated material handling.

ECE-CONTROL provides you with highly innovative electronics and electrical engineering solutions and the software you need for the most sophisticated and effective warehouse management.

Finally, ECE-CARE means ongoing support, maintenance and repair services, and even contract operation of warehouses.
HSE-team is a department of BT-Anlagenbau GmbH & Co.KG that provides HVAC installations for industrial buildings but also offers a full range of heating, plumbing and energy services for the consumer and residential sector.

HSE-team is a competent supplier of alternative energy technologies such as photovoltaic, solar thermal, geothermal and biomass. Other environmentally-friendly installations include rainwater and gray water systems. The team also offers a full range of bathroom and sanitary appliances and fittings, as well as an all-round bathroom renovation service including tiling.

With many satisfied customers in the region, HSE-team has proven time and again its ability to develop and install optimal heating and plumbing solutions for buildings from single family homes up to large corporate buildings.
The company AAT develops, manufactures and installs conveyor systems for medium to large piece goods. One important market is conveyor equipment for automotive production lines, and other sectors served are paper, metal processing and assembly, and household appliance manufacturing. As well as the more conventional conveyor technologies, AAT also produces one-off special machines for specific manipulations of products and materials.

In addition, AAT has a world-leading family of machines in another field: it is the producer of 'BoxFreezer' systems, used for process freezing of food. BoxFreezers are powerful freezing units which receive food products packed in cartons or trays from continuous processing lines and pass them through a number of refrigeration stages until they are ready for storage and/or transport.

AAT is a new addition to the BT-Group, and significant synergies are expected with other group companies both in the areas of mechanical engineering and electronics and control.
AAT BoxFreezers are among the most advanced freezing plants on the market. The products are loaded into the BoxFreezer automatically through a lock, then shock frozen and automatically unloaded when they have reached the target temperature. The BoxFreezer works optimally with throughputs from 3 to 30 tonnes per hour.

The principle is simple, but the plant can be used in many different ways: single-zone shock freezing, our patented multi-zone freezing mode or with complex adaptation to the industry 4.0 standard.

Advantages:

- **Lock Capacity up to 2000 Units can be loaded and unloaded simultaneously.**
- **Reorganizable** The system allows the pallets to be reorganized flexibly, adapting loading and unloading to different requirements.
- **20 % More Compact** The BoxFreezers produce the same performance in 20 % less space than conventional designs.
- **Accessible** Workers can enter the BoxFreezer even while it is running, because only the product zones are refrigerated.

Our BoxFreezer was founded in 1983 and is suitable for shock-freezing, chilling and tempering for all kind of food that is packed in compact carton boxes and/or crates. E.g. beef, pork, poultry, fish, convenience, fruits.
AAT Steel Hungary Kft., the Hungarian division of AAT, makes the same products for the same requirements as AAT in Austria. As in Austria, the company produces both conventional conveyor technologies and special one-off designs for specific products and materials. AAT and AAT Steel Hungary work hand in hand, and together they are able to carry out projects efficiently, quickly and economically. One important market for AAT Steel Hungary is in conveyors for the automotive industry – for all production areas, including body building, painting and final assembly. The range is completed by systems for metal casting, intralogistics and suppliers. Finally, AAT Steel Hungary is involved in making the market-leading family of industrial process frosters such as the BoxFreezer, a system developed by AAT for rapid freezing or cooling of food products in cartons or trays.

AAT Steel Hungary became part of BT-Group along with AAT. Its wide range of activities means that there are many synergies with other companies in BT-Group, in the areas of mechanical engineering as well as in electronics and control technology.
BT-Wolfgang Binder was founded in 1997 as a company concentrating on plant engineering and plant construction. Since 2015 the company is divided into two divisions:

**REDWAVE**
In 2004 the trademark REDWAVE was found. Since then REDWAVE is working in the recycling and waste treatment industry. Turnkey solutions for material sorting plants, waste treatment plants and REDWAVE’s own sensor-based sorting technology are part of the REDWAVE product range.

**BTW Plant Solutions**
A trademark for the mineral industry focused on realising complete plants with the core competence mixing and dosing plants, sand processing plants, mineral sorting solutions and conveyor systems for bulk materials.

BT-Wolfgang Binder – your reliable partner for quality solutions!
As a leading contractor BTW Plant Solutions is an innovative partner for turnkey projects, modification and extensions to existing plants operating world-wide.

BTW plans, delivers and installs customized turnkey mixing and sand processing plants ranging from materials handling and stockpiling, precise batching and weighing systems to packaging plants as well as complete conveying systems for bulk materials.

Satisfied customers and impressive BTW reference plants can be found worldwide. The spectrum of our references comprise dry mortar plants, mixing plants for the production of dry and wet building materials and modular plants as well as drying & cooling plants, processing plants, conveying systems, crushing and screening plants for bulk material and mineral processing plants with optical sorting. Optical sorting makes it possible to separate raw materials fully automatically on the basis of their colour, shape, brightness or the material itself.
Advancement through technical progress!

REDWAVE is your reliable partner for profitable solutions in the recycling and waste industry and stands for high quality, efficiency and customer satisfaction.

We offer a tailor-made full service, from conceptual design to planning, production, modernisation, optimisation, assembly, start-up and maintenance of complete sorting plants and waste treatment systems for RDF production.

REDWAVE sensor-based sorting machines through excellent industrial design achieve high performance and quality recovery of materials in sorting various materials and/or colours. We do not stop at the sensor level but provide the complete machine taking the responsibility for the sorting result. We also focus to have our software and hardware knowledge in house as this gives our clients the required flexibility and allows us to continuously develop our products and react quickly on market and customer needs.
REDWAVE US, Germany and Asia
Customer focus is our success

REDWAVE, as a leading supplier of sensor-based sorting machines and turnkey material sorting systems, has taken a decisive step to expand its business in international recycling market by founding subsidiaries in Germany, America and Asia.

REDWAVE Waste – Germany
By founding REDWAVE Waste in Germany the material sorting business has expanded in the waste processing sector. It adds the important area of mechanical-biological waste treatment to REDWAVE’s product portfolio.

The division Waste within the REDWAVE group mainly provides waste processing solutions, using automated mechanical sorting and processing technologies, for converting waste into secondary fuel and usable recycling fractions. REDWAVE provides complete processing lines as turnkey packages, but also offers individual machines and a comprehensive spectrum of related engineering and consulting services. Among the technologies offered is biodrying, which greatly improves the sortability especially of damp wastes with high organic content. This improves the quality of the processed materials and the commercial potential of the waste derived fuels and recycling materials. Another specialty are turnkey plants for environmentally friendly composting of organic waste.

REDWAVE Solutions – US
As America is characterized as a market with strong growth potential throughout the environmental and recycling sector and in order to serve the American market customer focused and more effectively REDWAVE opened an office in Georgia. REDWAVE Solutions US continues to support the existing customer base with parts and service and offer faster response times for drawings, proposals.

Customers worldwide have available both standard as well as customized solutions from sensor-based sorting machines to complete turnkey recycling and waste treatment plants.

REDWAVE Solutions – Asia
In Asia there is the country-specific problem, that in many regions household waste is very high in moisture and thus low in heating value. It does not burn independently in waste incinerators without supportive co-firing of coal. REDWAVE delivers solutions to meet the Asian requirements. The first step in the mechanical biological treatment is a process called biological drying. The second step is the mechanical treatment: Recyclable fractions are recovered from the dry matter and incombustible are separated. All combustible waste components are processed to a so-called refuse derived fuel (RDF) with a sufficient heating value.
STATEC BINDER GmbH, as a specialist in packaging and palletizing machines, is appreciated and demanded worldwide to be a reliable partner in providing flexible solutions in the field of bagging and palletizing of bulk goods. So the focus is clearly on innovation, high-performance and quality. With the right mixture of experience, know-how and the entire supply chain within one company, high-performance machines and systems can be realized. The know-how of STATEC BINDER is reflected in a wide range of packaging and palletizing machines as well as complete systems – packaging, palletizing, pallet securing and special accessory. All varieties of bagging systems are offered for polyethylene (PE), polypropylene (PP) and paper bags with bag filling weights of 5 up to 50 kg.

Starting with the open-mouth bagging systems, all with high performance in a compact design. These models can also be combined with the bag producing module for operating with woven PP reels. The high-speed FFS bagging machine for packaging from tubular PE-film and the vertical FFS bagging machine for operating with flat PE-foil complete the high-performance packaging machinery segment. Solid and reliable automatic high-level palletizing systems and robot palletizers from the very latest state-of-the-art round off STATEC BINDER’s product portfolio.
BT-Watzke manufactures metal and plastic caps for drinks bottles, mainly for the wine and spirits industries. Besides sealing the bottle and protecting the contents, bottle caps also have important functions as carriers of the brand identity, through their look and feel. For example, some of our clients are premium whisky brands, which use special cap designs in tin to emphasize their outstanding quality. Our vinotwist aluminium wine cap is made for large and small winemakers, with customer-specific printing and, optionally, with an embossed design on the top. As part of the general shift from corks to screw caps, the vinotwist has been highly successful in the European markets. It is making good progress in the New World wine-growing regions and is also used for a number of spirits brands. We also produce plastic shrink caps.

The history of BT-Watzke goes all the way back to the founding of the Nagy und Watzke Kapselbrink in 1892 – and its manufacturing plant is still in one of the original locations, Pinggau. Part of BT-Group since 2005, the company has benefited from the group’s international marketing and distribution capabilities.
Another side of BT-Group

Something completely different: BT-Green is a group of agricultural businesses in Hungary. On a total land area of 1800 ha, the activities include tillage farming (cereals, rapeseed, sunflowers) and forestry. These companies have been freshly acquired by BT-Group in 2015. This venture serves as a diversified investment outside of the group’s core fields in engineering.

Worldwide, soil conservation is becoming an extremely pressing issue. Every month, the world loses an area of fertile land equivalent to the entire agricultural land area of Switzerland, and many individuals and institutions are appealing for efforts to stop this process. Since BT-Group makes money out of industrialization, which involves soil sealing, we also want to do something to promote environmental thinking and practices, in the form of our agricultural and forestry operations. We want to advocate for fair use of the global environment on the basis of ecological renewal and social justice. Our focus is on projects rooted in local communities, where the people affected become active participants.
The BT-Center is the registered office of the BT-Group Center Marketing GmbH and headquarters of BT-Group Holding GmbH. The building also contains the Ambio hotel, restaurant and conference center.

In addition, the center is home to BTMC, a business unit that provides marketing services to all the group companies and a number of outside clients.
The Ambio hotel and conference center provides welcoming and practical accommodation mainly to people travelling to the Gleisdorf area on business. Since the surrounding region has quite a concentration of industry, there is a significant demand not only for overnight accommodation but also for places to meet and hold seminars, conferences and other events.

The hotel has a total of 46 rooms, including singles, doubles, deluxe doubles, suites and accessible rooms for people with disabilities. In addition to two seminar rooms, there is a large multifunctional space which can seat 200-400 people. The hotel is in a modern building and provides a relaxing and refreshing ambience with plenty of daylight throughout.

The comfort of guests is also assured by the restaurant serving regional and international food of a high standard, and the friendly and helpful atmosphere created by the proprietor Markus Binder.
BTMC is the business unit of BT-Group that provides marketing and advertising services to the group companies. While work for clients inside the group still makes up the majority of its work, in the last few years, it has also grown into a complete advertising agency offering a full range of services to external clients.

We are proud to work for company clients such as MM Kanal-Rohr Sanierung, SSA Schankservice Andrä, and non-profit associations like the Austrian Ice Stock Sport Association with more than 100,000 members or the Ludersdorf-Wilfersdorf Tourism Association. Long-lasting relationships with these clients are testimony to the care and professionalism with which we develop their individual advertising solutions.