



EVERYTHING FOR AUTOMATIC IDENTIFICATION, SINCE 1991



3 out of 4 companies

Three out of four companies in the TOP 100 CZ use automatic identification systems from GABEN

Company Profile

GABEN, Ltd. was founded in 1991 by Czech owners and it is specialized in unique identification systems for manufacturing and logistics companies. The company headquarter is located in Ostrava and branches are in Prague, Trencin and Zurich.

Our key customers are manufacturing and logistics enterprises. We aim to improve the efficiency of entire production processes by means of the automatic identifications. These enterprises are large multinational corporations, local manufacturers and logistics operators. However, we also deliver our services to automotive industry suppliers and IT companies.

The company has over 30 employees and its annual turnover is over one hundred million CZK.



WE ARE PARTNERS

We are not just suppliers but partners. Learning together with our customers and constantly improving our solutions.



DATA COLLECTION IN PRODUCTION



SIEMENS

The Siemens company and its Czech factories belong to the world top leaders in the production of electric motors. GABEN has been privileged to participate in increasing the quality and efficiency of the production processes in Siemens since 1999 and it is our great honor to be a part of it.



At the beginning of the process, there are dozens of label printers, automatic applicators, ink markers, labels, and stickers with RFID tags. Materials, semi-finished products, tools and people are labelled with these RFID tags throughout the whole manufacturing process. These tags, along with the technological data directly from the machines, are continuously written into the ERP system SAP R/3 using hundreds of stationary terminals.



The entirely paperless production based on the use of industrial touch screens is our main long-term goal.



ENVIRONMENTALLY FRIENDLY



We help to improve processes not only in industries but also in everyday life.



DATA COLLECTION

IN A BIT DIFFERENT WAY



Marius Pedersen



The automatic identification which is well known from cash desks at supermarkets uses barcodes. The current level of shopping nowadays cannot be sustained without barcodes, hence GABEN company has found the way how to make use of the same principle at the opposite end of the consumer chain - by collecting and disposing waste.

All waste receptacles, bins and containers are labeled with RFID tags, which are automatically scanned when the waste is dumped into a garbage truck. Besides the clear identification of the garbage bin, the GPS location is also recorded. The system thus provides absolutely accurate data about the waste. In addition to the greater efficiency and productivity, the customer and the service provider are guaranteed the payments for all the services which are performed.

The system allows much higher degree of separation, as different types of waste are mixed up.



HIGH QUALITY LABELLING

Proper labeling is the core of success of the entire automatic identification process.



LABELLING DEVICES



GABEN company offers all necessary equipment for quality labeling without which the subsequent automatic and accurate reading of labels is impossible. The assortment of the world's leading manufacturers as well as own products consists of thermal transfer printers, applicators, labels and thermal transfer ribbons of different materials, RFID labels and tags. The software for designing and printing, including the integration into the customer control systems is the integral part of the assortment.



datamax·o'neil

Do you need to print small sets of labels and apply them manually? Do you need to print thousands of labels per day with the requirement of flawless automatic application on the production line?



GABEN company offers you a tailor-made solution with an extra support of a trained service team.

RELIABLE READING



We try to read and record all data only once, directly at the place of their origin.



READING DEVICES



DENSO

GABEN company offers a wide range of equipment for reliable reading of any label. The range of selected world producers includes manual and stationary sensors, mobile terminals, RFID readers, camera systems and necessary software for integration into ERP systems.



Do you need to record data either in the off-line or on-line mode? Directly from the cab of a forklift truck? Manually or fully automatically during the production process? Do you need to scan barcodes, 2D codes, DPM codes, in a contactless way using RFID or evaluate objects with optical recognition?

Honeywell

GABEN company will offer you an effective and reliable solution. Even the most perfect device, however, requires the optimum setup, installation, and development of supporting applications provided by experienced team of programmers and technicians.

SMART LABELS



Everyone and everything will be "SMART" in the future.
Our labels are smart even now.



PRODUCTION LINE OF RFID LABELS



GABEN company is one of the pacesetters of RFID technology, before its current boom. In 2010 GABEN launched the production line for smart labels, which is a sticker with an embedded RFID tag. These are mainly used in the labeling of pallets and other logistic units where labeling with human-readable text or barcode is also needed.

We are first in the Central Europe to provide our customers with customized solutions for labeling by means of the unique connection with the laser die cutting machine. The machine uses a pair of lasers to cut out arbitrary sizes and shapes of the labels from an "endless" paper roll to which the RFID tags are subsequently precisely inserted.

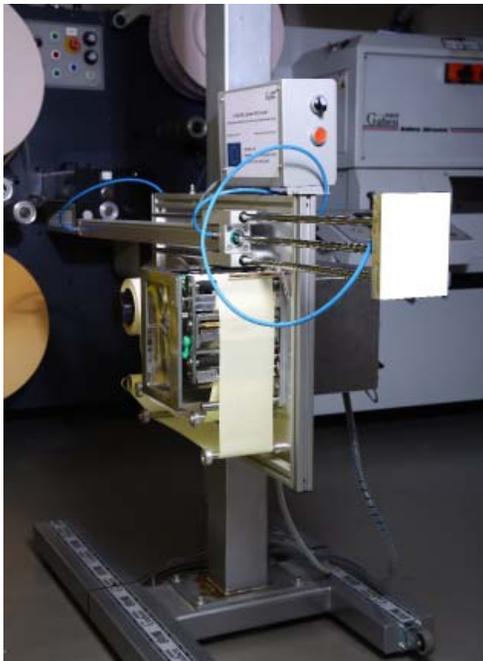


DON'T JUST STICK IT, APPLY IT

We are able to label items automatically and efficiently even where it is usually impossible.



AUTOMATED LABEL APPLICATORS



The entire process of identification can be effectively automated, indeed, from the object marking to the multiple readings. When it is necessary to apply a label on the item label additionally, we can use an automatic applicator with a telescopic arm instead of the usual manual application.

GABEN offers various types of applicators that suit each and every customer. Unlike the standardized solution our team designs completely customized equipment to fit the production or packaging lines without any significant changes to production process or downtimes. It is thus possible to apply rapidly, for example, a very small printed circuit board label or A4 sized labels on several sides of a pallet.

Applicators are made for 100% reliability and long life span.





NO SHEETS NEEDED



The "touch" is an essential human experience not only for children, but progressively all around us.



ROBUST TOUCHSCREENS



Demands of customers asking for a robust, yet variable touch screens with competitive price, long life span and maximum repair speed inspired GABEN company to develop and produce a high-tech industrial „ALL-IN-ONE“ terminal GBTOUCH.

Integrated components, including the 24" and 42" displays, are designed for continuous operation and that meet the criteria of BAT in terms of the lowest energy consumption. The terminal basically consists of a variable full metal construction with touch screen and integrated industrial computer. The touch screen is equipped with shatterproof safety glass. The wide range of peripherals and construction components are the main competitive advantage.

Touch screens are used for production monitoring and the production documentation visualization or as information kiosks in shopping centers.





GABEN

SHARE THE WAVELENGTH WITH US



The goal of our company is to meet the motto: „Our customer is our king“ in practice. The demanding requirements of our customers constantly force us to innovate and improve our products and services portfolio. Therefore, the GABEN company not only upgrades through the development and manufacture of custom hardware components (label applicators, industrial displays, stationary terminals, RFID readers ...) but also custom software applications. Of course we offer a continuous authorized service for all key components as well.

GABEN is the Czech leader in contactless radio frequency identification (RFID) with a joint research team consisting of scientists and developers from several leading world universities.

Corporate social responsibility is reflected in selfless support of the needy, including a sponsorship of racing boat FOLLOW ME that has achieved extraordinary success in sea sailing.

Pavel Benda, President





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