

SENNEBOGEN

The Company

A family enterprise for generations

„One cannot become an entrepreneur, one is born an entrepreneur“

Erich Sennebogen sen. (*1931-†2011)

Erich Sennebogen started his career in the customer service department as an agricultural machinery mechanic. At the age of 21, he founded his own company SENNEBOGEN in 1952.

He surpassed any obstacle with his motto:

„There`s no such thing as can`t“

He designed his machines at the highest level of vertical integration. His approach to implement five good ideas each day, lead to a high degree of maturity of the continuously growing range of products. For more than six decades, Erich Sennebogen influenced the construction equipment and crane technology worldwide.



Stability and reliability

Our sound and continuous company development leads to a high degree of reliability and performance in the entire group of companies. All our corporate divisions apply passion and active management. That`s how we pursue our goals consistently.

We think & we act long-term

We focus on future generations. We are a family enterprise, run by individuals and we use a flat hierarchy. We consider ourselves role models, and we motivate our partners and employees alike.



Family from left to right: Erich, Anton, Sebastian, Walter, Alexander

Sound, strong economic activity since 1952

Closer to our partners

The personal contact with you, be it as a customer, dealer, supplier or an employee, supports us to become better every day.

Fortitude secures the future

We have been your reliable partner since 1952. Sound and strong economic activities ensure the development of the SENNEBOGEN group of companies and made it a leading manufacturer in the market. Continuous investments in our company ensure our competitive edge.

Organic growth and independence

This strategy made our organic growth possible. And it emerged from our own strength. For us, this means future orientation, for our partners and customers it stands for long-term reliability and security.



Management board from left to right: Erich Sennebogen, Walter Sennebogen, Thorsten Resch, Veronika Meier

The success of the company is based on...



Employees of SENNEBOGEN Maschinenfabrik and SENNEBOGEN Academy in Straubing, Germany

A strong community of the SENNEBOGEN team with more than 1,200 employees worldwide

1200



Employees of the SENNEBOGEN Maschinentechnik Wackersdorf, Germany



Employees of TLC, Hungary

... the customer orientation of each employee



Experienced staff & apprentices help each other out

Knowledge and skills are based on expertise gained over time. We honor our long-time SENNEBOGEN employees who can look back at 25 or even 50 years of being part of this company and who passed their knowledge on to the next generation.

Motivation

Diversion guarantees: a great variety in the daily activities motivates our employees. Our safe workplaces provide our employees and their families with trust and security they deserve. Air-conditioned offices and ergonomically designed workplaces ensure an ideal work environment.

Training as the foundation for the future

Our firm socio-political conviction drives us to foster our future expert staff. For more than 60 years we have successfully trained young people in our apprenticeship workshops. Today we accomplish this in 15 different trades.

The company's development

1952



1964



1959



1950



Sennebogen

Sennebogen



1960



Bagger - Krane

1952

The company was founded by Erich Sennebogen and development of first manure loader.

Erich Sennebogen was the founding president of the Vereinigung der Bayerischen Wirtschaft e.V. (Bavarian Business Association, 1997-2000).

1959

Development of the S 803 as material handler for agricultural purposes and for the construction industry

1964

Development of the first SENNEBOGEN hydraulic excavator SH 40



1968



1975



1969



1986

1970

1980

1968

The innovative S 833 with lattice boom folding function.

Development of the fully hydraulic duty cycle crane SK 15, the first of its kind in the world

1969

1975

SENNEBOGEN constructed its powerful earthmover S 467 with plastic operator's cab and car body

1982

Development of the GAUH hydraulically adjusting articulated boom for the excavator model SM 15





1993



1996



1996



2001

1990



2000



1986

The models SR 28 and SA 28 become synonymous with power; their boom range is 20 m and they are equipped with an optional electrical drive for the scrapyard

1993

As one of the first manufacturers in the world, SENNEBOGEN introduces the first telescopic crawler crane

1996

Start of the development of the new duty cycle crane and dragline series with a capacity of 25 t to 180 t

1996

Introduction of the Green Line material handler; it is painted green and focuses solely on the handling of materials

2001

Model 870 M with 70 t load capacity and a boom range exceeding 20 m, setting new standards in professional material handling

For every job site the right machine



Crawler cranes
up to 300 t

Material handler
up to 18-300 t

Duty cycle cranes
up to 300 t

Port cranes
up to 125 t

Telescopic cranes
up to 120 t

Electric material
handler

2014

Inauguration of the Erich Sennebogen Museum. It provides the option to „time travel“ through the SENNEBOGEN development history



Worldwide Customer Orientation

- also close to you

- More than 150 sales partners worldwide
- More than 500 service stations
- Own subsidiaries and representative offices in the most important key regions
- Three individually established production locations in Germany
- Renowned suppliers of high quality key components



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Employees and authorized dealers of SENNEBOGEN LLC, USA





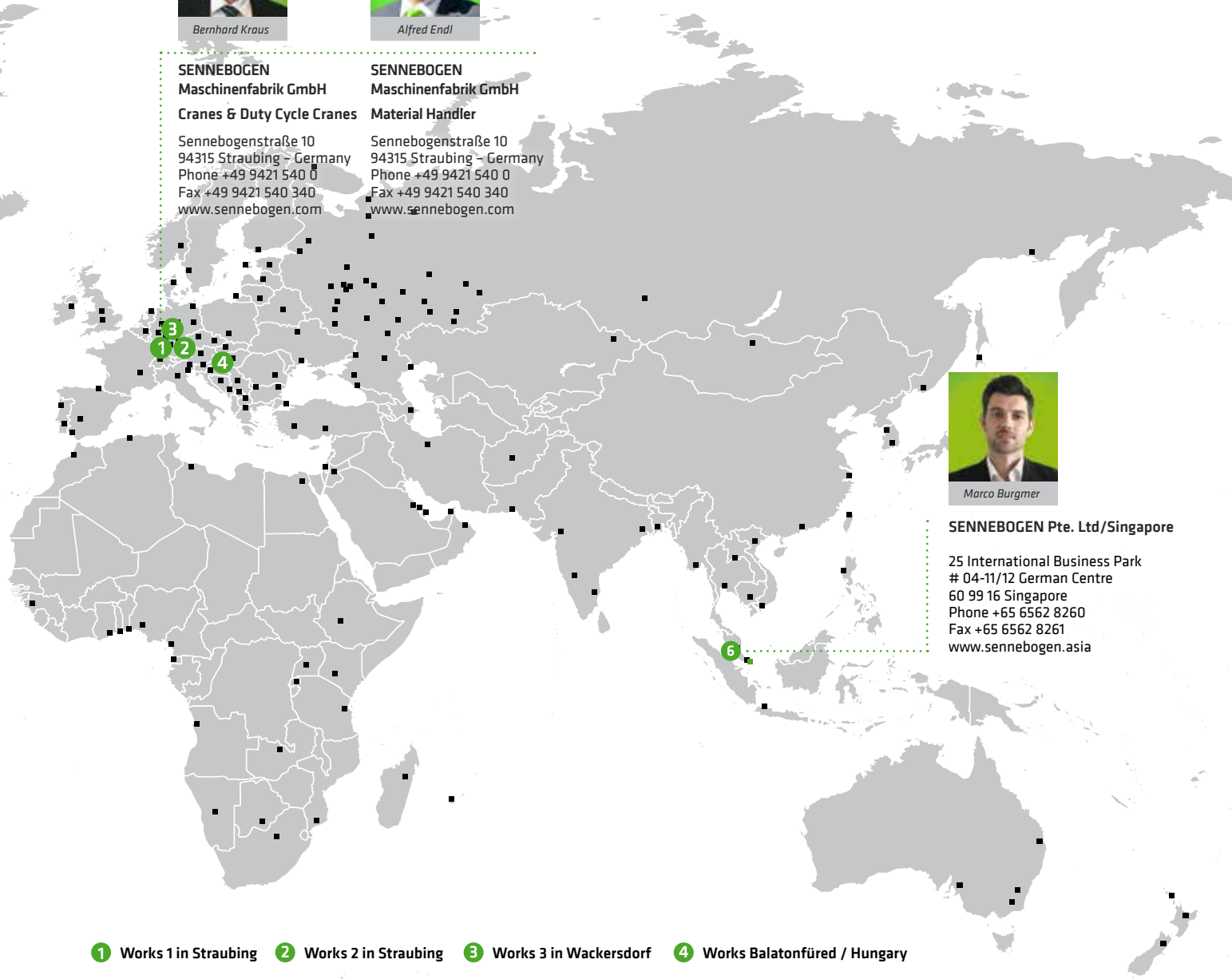
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- 2 Works 2 in Straubing
- 3 Works 3 in Wackersdorf
- 4 Works Balatonfüred / Hungary

Awards for successful dealerships



Employees and authorized dealers of SENNEBOGEN Ltd. Singapore



Recycling materials

Scrapyard - steel mill - waste management - industry

Having the broadest range of material handling equipment in the world, SENNEBOGEN offers a variety of solutions for the handling of recycling products that is second to none. The machines are designed exclusively for material handling purposes and are therefore unique in performance and durability.



Our unique product range offers for each recycling task the optimal and most efficient solution. Our machines prove this daily to our global customers!

Log handling and timber harvesting

Sawmill - paper industry - log yard - landscape conservation

The unique pick & carry machines shape the lumber industry. Due to its exceptional vantage, the storage areas can be loaded with more than twice the capacity than loading areas available with conventional machines. Furthermore, this is possible with an increase in superior workplace safety.



Our machines haul trailers with a load of up to 80 t. An interesting logistics solutions with a high degree of efficiency.



Multifunctional use for harvesting timber intended for fuel wood; available all year round for the purpose of landscape conservation: The 718 model extends the range of services in the timber industry with its outstanding boom range.



The balancer has a boom range of up to 42 m: It is certainly the most efficient machine for your material handling operations.



Port handling

State-of-the-art and effective material handlers

There is no terminal with so many individual features as a seaport. We use a modular system to adapt our machines to the needs of our customers. Our machines can be found at inland ports as well as large seaports; they load and unload all kinds of bulk and general cargo reliably and efficiently.



For the use at any port we offer machines weighing up to 300 t and having a reach up to 42 m. Diesel or electric engines, pylon elevations and port cabs offer a maximum of customized designs for your best solution!



Powerful port cranes

The SENNEBOGEN port cranes meet the specific requirements for loading and unloading up to the Panamax class. They raise to the challenge when it comes to heavy-duty materials handling tasks and the efficient bulk handling with extended boom ranges and depths.



- Series with 5 models with lifting capacities up to 125 t and working radii of up to 52 m
- Diesel or electric drives, mobile solutions with Powerpack
- Pylon elevations for working the Vessel's side
- Variable cab elevation for maximum visibility heights up to 15 m
- Crawlers or mobile undercarriages
- Lattice boom cranes or telescopic cranes



Telescopic cranes

Civil engineering - industry - specialty foundation engineering

The telescopic crawler crane is increasingly replacing traditional lifting systems on the construction sites. The equipment's fantastic flexibility to handle loads horizontally and vertically, makes the telescopic crawler crane suitable for numerous applications.



- Telescoping stepless under load
- Moving a crawler chassis safely under load
- Operating on inclines of up to 4°

The fact that the SENNEBOGEN telescopic cranes are extremely versatile is proven by our machines every day. Optional elevating cabs provide better visibility or working platforms complement the range of application.



The robust Full-Power Boom ensures exceptional speed and flexibility on the construction site. Even for special excavation work with top vibrator or leader mast, the telescopic crawler crane is employed using its tried and tested application - that is very unique.

Duty cycle cranes

Specialty foundation engineering - dredging - quarrying - industry

The variety of the duty cycle crane and dragline applications is enormous and matches the expertise of SENNEBOGEN to master complex tasks in a flexible manner. The high performance of the machines is reflected in the demanding applications. Its environmentally friendly electric drive is unique (optional).



- Dragline operation during the gravel extraction
- Shipmounted for dredging
- Diaphragm wall grab used during special excavation work
- Open-pit-mining
- Demolition with wrecking ball
- Special excavation work with leader mast
- Special excavation work with casing oscillator and grabs
- Using a drop-ball in a steel mill
- Material handling with grab



The range of products comprises 9 basic models from 20 t to 300 t. The duty cycle crane is a high-performance model that is when it comes to vertical reach, boom range and depth, and it is irreplaceable for many other tasks. Its engine produces 1,150 hp and can also power auxiliary equipment. SENNEBOGEN has more than 60 years experience designing duty cycle cranes.

Crawler cranes

Civil engineering - Industry - Offshore

The SENNEBOGEN crawler crane is more than a piece of traditional lifting equipment. A mixture of performance and reliability, robust design with a long service life and ease of maintenance, make our crane a stable partner for any company in construction and industry.



- Configurable in many boom variables, it is also available with a tiltable luffing jib
- Great flexibility by moving under load while providing high stability
- 6 basic types with lift heights up to 150 m, load capacities up to 300 t
- Autonomous assembly system, easy transport due to compact transport dimensions
- simple, safe operation

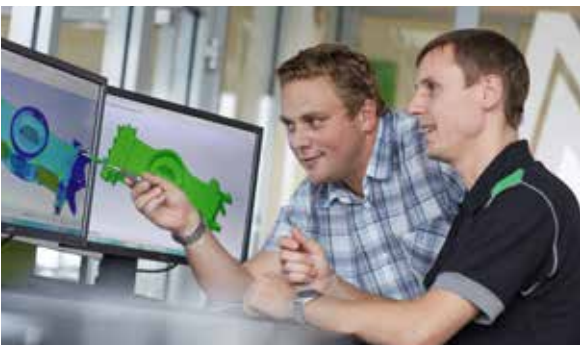
Highest degree of reliability and availability, however, specific inspections and acceptance tests are required when the crawler cranes are used offshore, on ships or in remote areas such as Antarctica. Avoid over-engineering, let technology be manageable: This SENNEBOGEN philosophy has proven itself in this particularly applications.



Development - design - examination - test

With PEP to marketable products

PEP stands for Produkt-Entstehungs-Prozess (engl.: Product Development Process). This process ensures that a new machine is only released for the next development step, when all release criteria are met. Quality starts with the market requirements and ends with the production release.



With state-of-the-art tools to the prototype

Design with 3-D Solid Works. Stress analysis and optimization with finite element calculations to ensure machines are fitted with high-strength and weight-optimized parts. Best performance and longest service life are guaranteed.

Using examination to optimize the machine

A prototype is used and the latest measurement technology is applied to record a large variety of data. The analysis of the measured data provides the best parameters for the optimized operation of the machine. And a product that is ready for production.

Using tests to demonstrate the marketability

Only daily use confirms the theory. An intensive test phase on the company's demonstration and testing area attests under real application conditions the production stage and guarantees that the customer will receive a product that is well engineered.

Technology & Innovations

Intelligent and innovative - reliable and economical

We place the highest demands on our components. Technology shall remain controllable by the operator, which is why we avoid electronics wherever possible, and use instead proven technology. SENNEBOGEN innovations are solutions that promote the reliability of the machine while at the same time contributing to reducing the demand for energy or other fuels.



The E-Series technology saves up to 25% fuel

- Eco-Mode
- Automatic idling-stop system
- Best hydraulic efficiency
- extended oil service life
- most efficient thermo-controlled cooling-system
- low-emission technology compliant with TIER 4F



Electro-hydraulic drives can save up to 50% of your costs

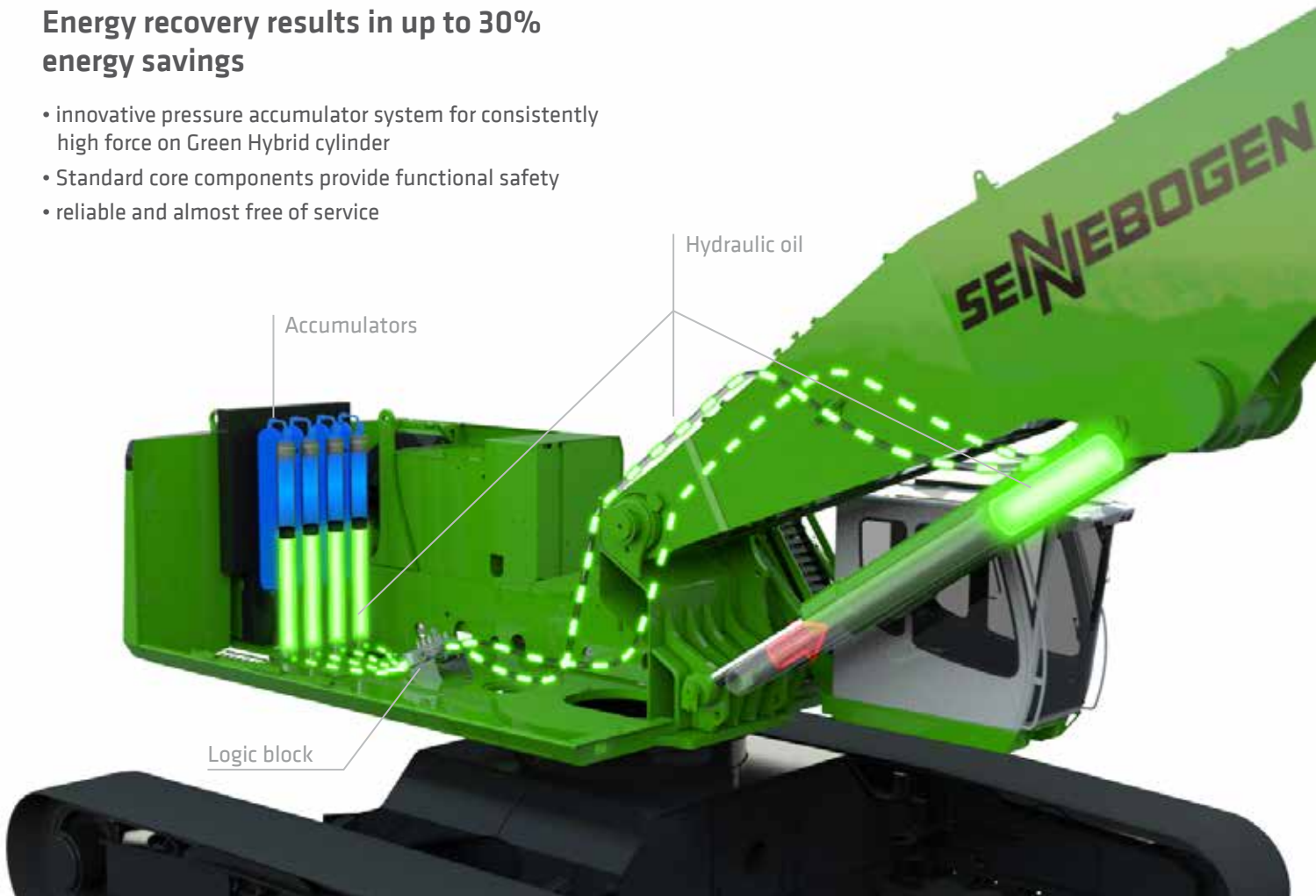
- longer service intervals
- increased working comfort
- emission-free and quiet
- electric motor with 98% degree of efficiency



SENEBOGEN GreenHybrid

Energy recovery results in up to 30% energy savings

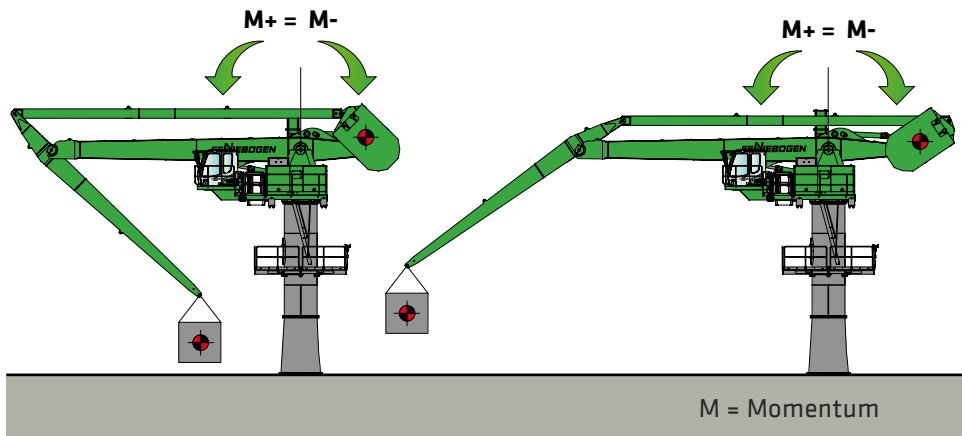
- innovative pressure accumulator system for consistently high force on Green Hybrid cylinder
- Standard core components provide functional safety
- reliable and almost free of service



BALANCER Equilibrium

Lowering costs up to 70%:
The most economic way to
handle material

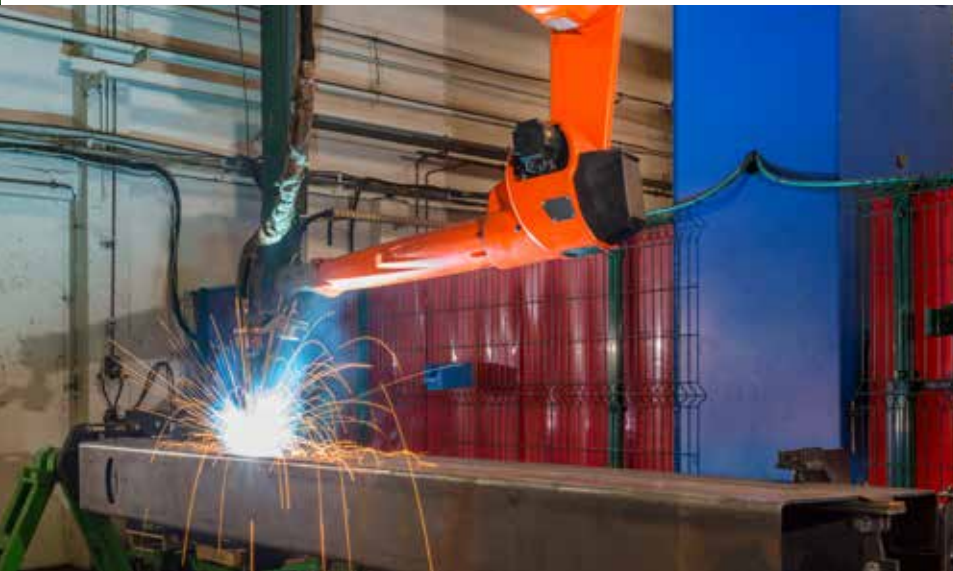
- only 50 % of installed capacity compared to conventional machines
- extremely affordable energy consumption, low operating costs
- long service life





Works 2 and SENNEBOGEN Academy in Straubing, Germany





Fascination with production

- Professionals - experience - design and production for more than 60 years
- Continuous investment in production facilities and state-of-the-art production equipment



PRODUCTION



Strengthening manufacturing, the core competence

- We master production technologies for the most demanding processes
- The most modern and ergonomic workstations for our employees ensure the best quality standards





Quality evolves during the process

- A consistent QA system guarantees high quality standards
- We don't just assemble parts, we live production depth and controlled processes



We control complexity

- The art, to design and generate mass productions and create customized solutions at the highest level of quality is embodied by SENNEBOGEN
- Each machine is completely assembled and tested intensely before the finish touch is applied





Works 1 and spare part center in Straubing, Germany



Works Balatonfüred / Hungary

Customer Service

Services expertise - worldwide right on-site

The machine does not come to the workshop - the service staff comes to the machine at the customer`s facility. Together with our worldwide network of SENNEBOGEN partners, we guarantee high availability for all SENNEBOGEN machines currently in use.



We perform - you benefit

- comprehensive technical support on all aspects of the operation, maintenance and repair of your machine
- Professional handing over of the machines and instructions provided on-site



Maintenance & Service:

A guarantee for a long service life

Paint scratches? This does not ruffle anybody`s feathers. When providing the right maintenance, machines often will remain in service for many tens of thousands of operating hours.

What does count is:

Total cost of ownership

Low operating and service costs ensure you will reach your objective - to operate a powerful and reliable piece of equipment for the entire service life in your machinery park.

Service Center

Fast, worldwide supply of spare parts

When a service call is received, the respond must be instant. On the one hand, the customer must be able to order the necessary spare parts by simple means. On the other hand, the orders must be processed and the spare parts delivered to the customer in record time with fastest logistics.



Offer & service

- Multistage delivery system: Emergency order for short-term delivery
- Efficient processing: Ordering recommended spare parts in a bundle
- Flexible setup: Retrofit kits for existing machines
- Always be prepared: Optimized sets of tool fixtures and service cases



Backed by our logistics partners, we deliver our spare parts quickly and conveniently - regardless where you are.

We keep an inventory of tens of thousands of spare parts in our central warehouse - ready for your call. This way you can rest assure that your machine remains available as long as possible.

Our partner in sales and service

More than just an authorized dealer

Our dealership and service network covers every single continent. You will find a properly trained contact person in your area as well - he or she is an experienced consultant, knowledgeable in product selection or offering service expertise in our customer service and spare parts department.

- You can meet our service partners on one of more than 100 trade shows and events that take place all over the world every year
- You can trust the experience and technical know-how of our distributors. Some have been with us for up to 40 years



SENNEBOGEN Academy

Education and training with professionals

Machines, engines, control technology. Progress is unstoppable, but it also brings with it the responsibility to make technology more easy to understand. At the SENNEBOGEN Academy we offer a broad range of trainings to service technicians, drivers, customers and employees.



- Training in groups of up to max. 12 participants
- 4-level education to expert training
- Hands-on training on the machines is highly promoted
- Ideal class rooms for the best possible knowledge transfer
- Internal trainings for employees and managers within the context of human resource development



The large training halls offer space for training on material handlers and cranes. State-of-the-art technology and demonstration tools support our trainers.



Our spacious demonstration area is ideal to provide hands-on training. Here, drivers and machine operators can also acquire their licenses for material handlers and cranes.



PEOPLE

The average length of service at SENNEBOGEN is 15 years.

A guarantee for the experience that is needed to build machines that are second to none.





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