

BOOM

Information for customers, distributors, staff and friends



SENNEBOGEN TRIO

in action for Grand Paris

FINKBEINER REPLACES 835

Fresh green breeze in the Black Forest

IN THIS BOOM



08 **TRADE FAIRS 2019**
In addition to bauma in April, we attended many other trade fairs this year. »

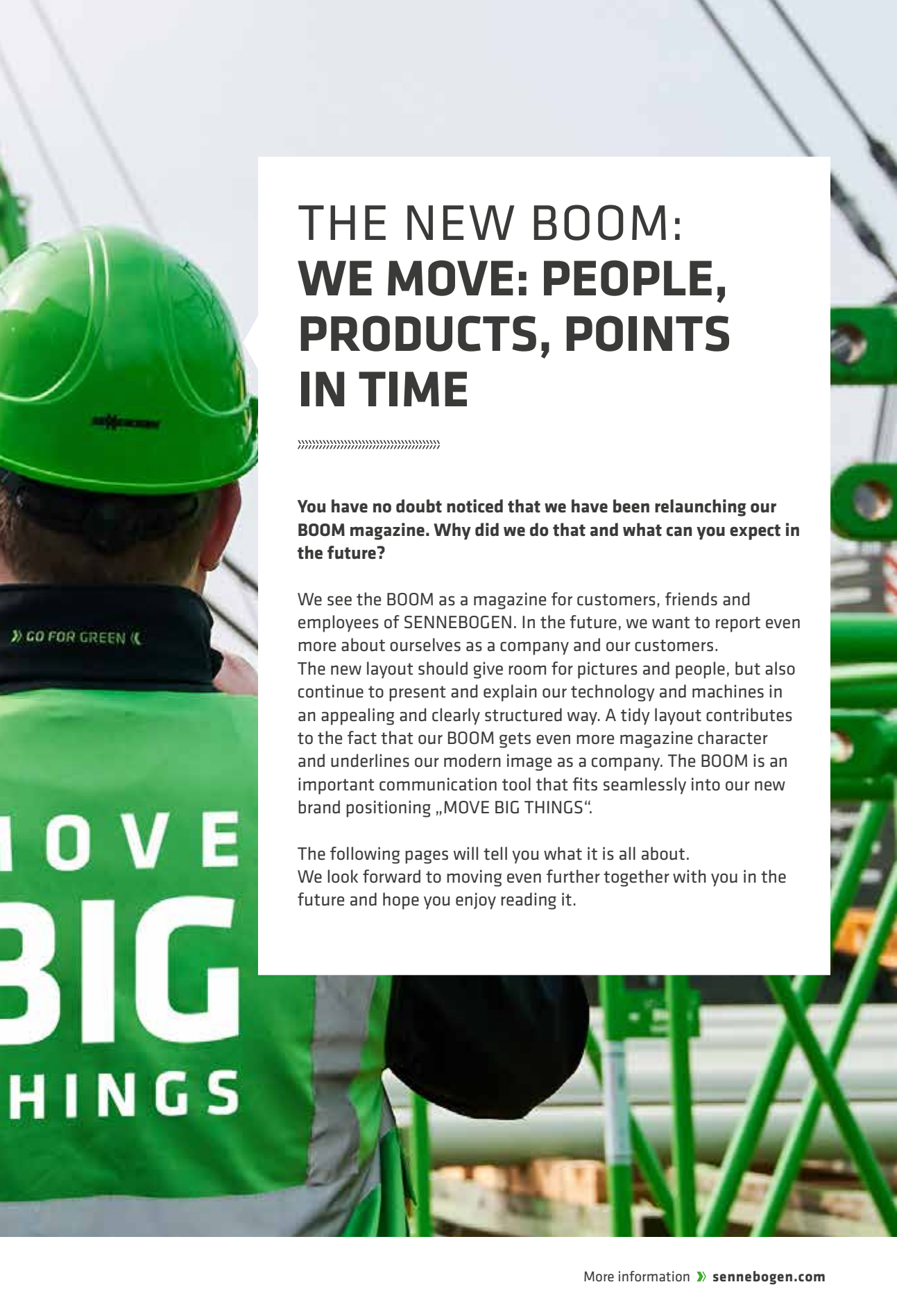
10 **INTERVIEW: SEBASTIAN SENNEBOGEN** We chat with Sebastian about joining the company, his role, future challenges, and how he feels about taking on responsibility. »



20 **MODELS MADE BY CONRAD**
How is a scale model built? We have looked at it »

- 14** Me & my machine »
- 24** Start for 45 new apprentices »
- 28** Insights all around SENNEBOGEN »
- 30** 5 years of the Academy »
- 32** Job site reports from all over the world »
- 46** 60 years anniversary - Ascendum »





THE NEW BOOM: WE MOVE: PEOPLE, PRODUCTS, POINTS IN TIME



You have no doubt noticed that we have been relaunching our BOOM magazine. Why did we do that and what can you expect in the future?

We see the BOOM as a magazine for customers, friends and employees of SENNEBOGEN. In the future, we want to report even more about ourselves as a company and our customers. The new layout should give room for pictures and people, but also continue to present and explain our technology and machines in an appealing and clearly structured way. A tidy layout contributes to the fact that our BOOM gets even more magazine character and underlines our modern image as a company. The BOOM is an important communication tool that fits seamlessly into our new brand positioning „MOVE BIG THINGS“.

The following pages will tell you what it is all about. We look forward to moving even further together with you in the future and hope you enjoy reading it.

MOVE BIG THINGS – A NEW CLAIM, A PROVEN ALIGNMENT



What distinguishes us as a company today, how have we changed and what will come in the future? The answers to these questions can be answered briefly and concisely: **MOVE BIG THINGS.**

Our products are getting bigger and bigger, we are moving more and more. But the company itself is also developing. SENNEBOGEN is growing year by year. The third generation has taken over responsibility, production sites are growing and the dealer structure is also constantly growing and changing. This movement drives us, and our success proves us right. Never before has bauma been so successful for us, never before have we employed so many people worldwide. Together with our dealers we have never moved so many things around the world.

Let yourself be inspired by our movement!

Erich Sennebogen



**COMPREHENSIVE IN SERVICE.
AND AFTER SALES.**
Customer service is our priority.
Capitalized.

/// **BIG MACHINES THAT MOVE BIG THINGS.**

That is our domain. Well thought-out complete systems for individual tasks.

/// **BIG SAVINGS.**

Maximum energy efficiency and low consumption offer impressive savings potential.

/// **HUGE PRODUCT RANGE. FINELY GRADED.**

Outstanding configuration options - the right solution for every customer requirement.

MOVE



THINGS

/// **IMPRESSIVE IN CLIENT ORIENTATION**

Customer input and wishes are important to us. Together we develop great systems with added value.

/// **EXPANSIVE IN KNOWLEDGE.**

Success is based on knowledge. In the SENNEBOGEN ACADEMY we emphasize on the transfer of knowledge.

/// **GLOBALLY ESTABLISHED.**

From „SENTRAL“ Germany, our traces (almost) spread all over the world. With our extensive dealer network we deliver to more than 100 countries.

SENNEBOGEN at LIGNA

132.000
fair ground

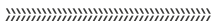
90.000
visitors

352
m² booth

we see each other in
2021
1.500
exhibitors



LEAD FAIR LIGNA SHOWS SMART SOLUTIONS FOR THE FUTURE



LIGNA ended after five days with an impressive result. The world's leading trade fair for the woodworking and wood processing industry has given the industry a clear boost and paved the way for future investments. Smart solutions for the future were the dominant topic.

We can look back on a successful trade fair: Increasingly international visitors could inform themselves about the new concepts and learn more about the technical details at the 352 m² SENNEBOGEN



stand. In particular, our SENNEBOGEN 735 E with its new Green Efficiency Drive attracted attention.

The new drive concept consists of two electric drive engines in the undercarriage which are supplied with power by a generator operated by a diesel engine. In addition to the increased efficiency and lower consumption of this design, the development team have also managed to achieve a reduction in noise levels, and dynamic drive and braking in the pilot production. Initial applications saw efficiency increases of up to 30 % compared to the previously used diesel-hydraulic drive. <<



Jessica & Heike -
the LIGNA trade fair team

SENNEBOGEN
presented the new
735 E with Green
Efficiency Drive -
a highlight in smart
timber handling.



WATCH VIDEO



PRESENT WORLDWIDE OUR STRONG DEALER NETWORK

Together with our worldwide sales and service partners, we are present at around 150 trade fairs and events throughout the year. Let our products and services inspire you.



More infos in the calendar of events:
Would you like to meet us and our dealers
in person? Inform yourself online

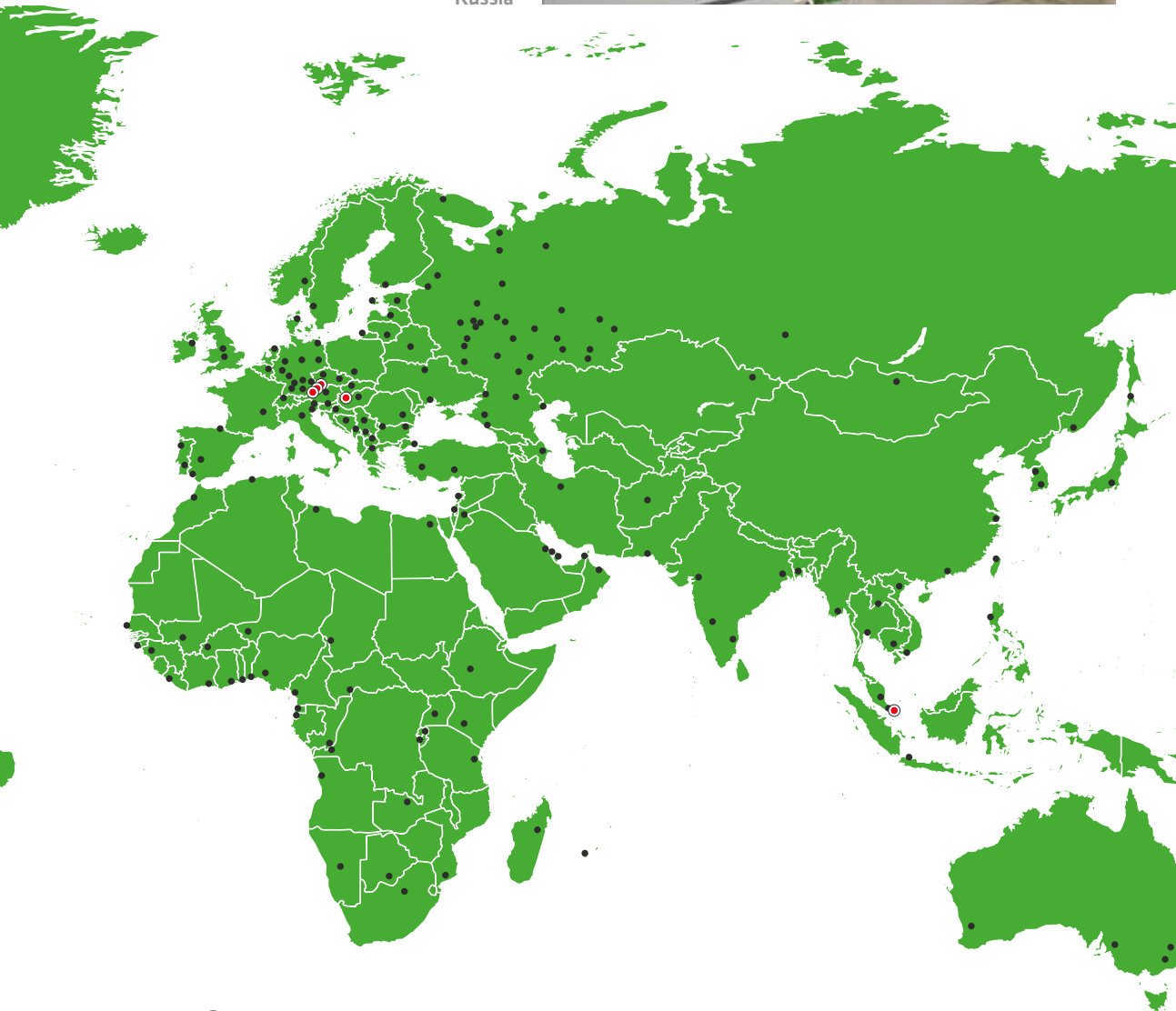
 [sennebogen.com/en/news-press/
trade-shows-events.html](https://sennebogen.com/en/news-press/trade-shows-events.html)



IFAT Eurasia,
Turkey



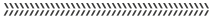
Trans Russia,
Russia



● SENNEBOGEN production sites and subsidiaries

● Subsidiaries & service bases of SENNEBOGEN sales and service partners worldwide

„TAKING OVER RESPONSIBILITY AND ACTIVELY SHAPING THE FUTURE OF THE 3RD GENERATION“



/// The third generation rises. We chat with Sebastian Sennebogen about joining the company, his role, future challenges, and how he feels about taking on responsibility in the family company.

You have had an official role within the company since 2018 - was this something you had to think about or was the path already set out for you?

In essence the path was already sort of set out for me. I didn't have any big decisions to make; it was more a question of development. From at least the time I did my first internship during the school holidays aged 15 it was clear to me that one day I wanted to carry on the family tradition and play my part in actively shaping the company. And before I knew it, the time had come. A huge challenge that I am pleased to be taking on.

You have previously got to know other companies. What influences and ideas have you brought with you that could be implemented at SENNEBOGEN in the future?

My previous professional roles were all with companies that are bigger than we are. Experiencing rigid, bureaucratic structures and processes was very enlightening. They did not have

the spontaneous, short decision-making paths that we experience at SENNEBOGEN. This highlighted to me that we need to ensure we keep our flexible, middle-sized mentality as we go forward. More specifically, we already have very clear processes here but there are also one or two loopholes. So if something needs to happen quickly it can be done, and the processes do not get in the way. At the same time, when it comes to our business processes, we should

„We should keep our flexible, middle-sized mentality for the future.“

not ignore modern systems; there are things we can learn from bigger companies and useful tools that we can take on board.

With the Multi Line, not only does SENNEBOGEN have a new product line, but a new business area has also been established. What does this mean for the company and for you personally?

The separation of Multi Line as an autonomous company division is both beneficial and necessary for SENNEBOGEN. Both the mechanics and construction of the machine, and the control technology sets us apart from other products. Our own plant at the Wackersdorf location underlines this autonomy. From the idea, through development and production

and on to delivery of the finished machine we currently have just 40 employees controlling the whole process, so all decisions can be made quickly and in close cooperation with each other.

In addition, the diversification of our markets and products means that Multi Line makes an important contribution to the company as a whole and makes us more crisis-proof. The more widely we are positioned, the more securely we can continue to weather global market fluctuations. As co-director of Multi Line GmbH, a lot of trust has been put in me at a young age. I am both pleased and proud. Along with my motivated team, I have the optimum creative opportunities to put my ideas into practice.



The 355 E represents the first step in a new product line - can you tell us what come next?

I believe I am permitted to tell you that we are currently developing two smaller Multi Line models, which will be called models 355 and 345. This much has already been revealed. More information will be released at the start of 2020. In addition, we will soon be moving to our new production location in Wackersdorf. The hall is ready, the production line is in place and the offices are almost ready to be occupied. Fundamentally, going forward we want to invest lots of time and effort into our product development process, do

plenty of testing, gather experience and continue to improve our batch sizes.

Your main work location is in Wackersdorf, round 100 km from Straubing. Does this have an impact and is it sometimes helpful to have a bit of distance between you and corporate headquarters?

The people here are a little different in mentality to those back in Straubing. More pragmatic, I would say. As it is purely a production location, we are faced daily with questions about how to solve problems quickly and get products delivered. I already feel like I belong in Wackersdorf and no longer need to know everything that's going on at the head office.

A bit of distance is useful, it means you can concentrate on the task in hand. I'm in Straubing roughly once a week for meetings and discussions, but my day-to-day work is done here.

67 years after the company was founded, SENNEBOGEN is looking good. What is the secret of SENNEBOGEN's success, and how we can ensure this development continues for future generations?

One of the most important factors to our success, was, and in my opinion still is, that my father and uncle are both deeply involved in their relevant subjects areas and are involved in all the relevant decision-making processes. At the same time, there was always a certain amount of gut-feeling involved when important decisions were being made - for example, whether to take the plunge in America and Hungary, or the current decision about the location and design of the new customer service center. In short, the key to success has been common sense business decisions combined with a pinch of optimism.

These days SENNEBOGEN is getting bigger year by year and it's harder for me to keep up with the important topics. That is the biggest challenge. Staying up to date with things when sites

are growing and new departments are springing up, without losing sight of the overall picture. As the third generation we will, naturally, have a different management style to our parents. That much is clear. It is much more important, however, to keep the basic working principle. We need to maintain the overview and at the same time be fully informed about the detail, so that we can provide our input.

The younger generation thinks differently, lives different and has different goals to those of its parents. The youth are currently very active in the media, and not just in relation to environmental matters - is this a development that will affect companies in the future too?

Of course it is important that young people are actively involved - everywhere. After all, they are the ones that will have to live with the consequences of the decisions we make today. It also

„We need to maintain the overview and at the same time be fully informed about the details.“

depends quite a lot on the topic as to what extent we, as young people, are directly affected.

Environmental protection is certainly a prominent topic. Our products are already making a difference in this important area, for example in recycling and in the timber industry we are doing our bit towards the sustainable use of the Earth's resources. We have also been working on saving energy and alternative drives for quite some time. It is certainly in the interest of young people to be actively involved in finding solutions for the environmentally friendly, resource-efficient construction machine of the future. With our green livery and a green attitude to business we are, I believe, well-positioned for the future.



A personal question now - what do you enjoy doing after work or what do you get up to at the weekend?

My evenings are often just spent eating dinner with my girlfriend and relaxing on the couch. Sometimes I meet up with friends for a game of cards. Weekends are often spent with our families in Straubing. If the weather is not so good, you will find me enjoying my hobby at the bouldering center I opened in Straubing last year.

ME AND MY
MACHINE



In Milan, a SENNEBOGEN 1100 E is currently being used for sheet pile wall dismantling. In the Navigli quarter, the customer Locapal is using its fifth SENNEBOGEN crane for pulling sheet piles out of the ground over a length of several hundred metres - the preliminary riveting for a new residential building project.

„With the reliable SENNEBOGEN crawler cranes, we offer our demanding customers an optimum machine concept for numerous application scenarios. The SENNEBOGEN 1100 E in particular, thanks to its compact dimensions and a transport weight of around 30 t for the basic machine, is always the preferred choice on narrow construction sites and is therefore relatively easy to transport.

The maximum lifting capacity of 50 t also makes the SENNEBOGEN 1100 E a flexible all-purpose crane for lifting work of all kinds. Lattice boom lengths of up to 52 m, straight winches with 125 kN and a powerful 129 kW diesel engine are just some of the features that I particularly appreciate about this crawler crane.“

STEFANO GOVONI
ESPI ENGINEERING S.R.L.

50 T CRAWLER CRANE. THE ITALIAN JOB.



„More individuality is rare. We have configured an 840 Electro for our customer Egger Biskupiec with some very specific features. The electric machine is primarily supplied with power via a cable. When the machine needs to change location or travel further, the rear mounted power pack kicks in and supplies the required energy via a compact diesel generator. Naturally, all the functions remain intact.

But that's not all. Firstly, a spacious master cab with a 2.5 m rigid cab elevation has been installed to give an unhindered view of the facility. All functions can be operated from the cab. All in all a super special solution made by SENNEBOGEN.“

ANDRZEJ TOKARCZYK
Komatsu Poland

**ELECTRIC,
FLEXIBLE,
INDIVIDUALLY
CONFIGURABLE**



670E BEING USED FOR GRAVEL EXTRACTION

YOU TOO SHOULD BE EXCITED BY THE GREEN DUTY CYCLE CRANE



With our new 70 t duty cycle crane we have expanded our range of heavy duty specialists. With efficient engines (261 - 321 kW), powerful winches (16-20 t free fall) and durable, powerful hydraulics able to operate external attachments, these machines open up an additional range of extracting applications for specialized engineering projects and further specialized foundation engineering with diaphragm wall grabs.

The compact size, easy ballast installation system and telescopic crawler undercarriage makes transporting the duty cycle crane time and cost effective. This machine has already earned its spurs in a range of applications. «



„It’s not just children that like to dig in the sand, big boys enjoy it too. What could be better, then, than our new SENNEBOGEN 670 E. It has already proved itself in practice for both domestic and international users, for example operating a dragline bucket for Wiedemann, based in Eching, Bavaria, Germany.

Our decades of experience in developing duty cycle cranes means we know exactly what customers need. Reliable, easy to use and, above all, robust attachments: that’s what makes our heavy duty machines stand out. In the 670 we have, once again, successfully created a great duty cycle crane, of that I am sure. I am basing this on previous experience. Let yourself join the party and move big things with us.“

CHRISTIAN STRASSER
Area Sales Manager Crane Line



ME AND MY
MACHINE





THE NEXT BIG THING- A GREEN GIANT FOR THE TIMBER HARVEST

CONSTANTINO LANNES
President SENNEBOGEN LLC

„We have already started well in America with the 718 E as a harvesting material handler. Now we are adding something else to the market. The new SENNEBOGEN 738 E, with a huge reach of 20 m, is the perfect device for removing problematic trees and for fuel timber harvesting. In addition, the 6.5 m eye level elevating and tilting cab gives an ideal overview of the work area.

And if that is not enough, it has a 168 kW engine, a 2.5 m telescopic boom and a stable all-wheel drive undercarriage. The performance data of the 738 E is very impressive! It offers our customers a unique solution to a lot of challenges. We are looking forward to making this machine available also in the USA very soon. Get ready.“



MAKING A MODEL REQUIRES A LOT OF MANUAL WORK



No collector's display case should be without one and the miniature versions also look great on desks. We are talking about our 1:50 scale SENNEBOGEN models. We visited Conrad to find out exactly what is involved in the development of each model and how the models are produced in Germany.

From the smallest plastic components to the largest die-cast zinc parts, a lot of manual work goes in to developing, producing and assembling the models in Kachelreuth. A model can have up to 1,500 individual parts. The molding and casting tools have to be developed for each component, along with the construction of hundreds of assembly fixtures so that the components can be attached with precision later on. A lot is done by hand. Components are sanded, cleaned and painted before moving on to the next step. Tampon printing means that even the smallest of logos and markings can be faithfully and durably added. „It's these small details that make our models special“, says Christine Conrad. Once all the components have been painted and printed, it's on to the assembly. Working very precisely by hand, employees put the individual pieces together. This requires an instinctive flair. We had a go ourselves and failed miserably. We will leave it to the professionals. Finally, each model is inspected by quality control once again. Once they are satisfied, the models move on to be packaged and are then on their way to customers and collectors around the world. Conrad currently produces six models for SENNEBOGEN, from the small 355 E telehandler to the big 5500 E crawler crane. <<





Christine Conrad and her husband Paul Bitschin lead the family business Conrad in the 3rd generation.



Precision is required for printing and assembly. In the end, the model doesn't have to shy away from comparison with the original, says marketing consultant Corinna Diem.

we check to see if the components can be correctly formed. Then we cast or mold the first parts and paint them. Then comes another round of customer approval. Finally, we add logos and markings, assemble the finished models and send them to the customer, making seven key steps in total.

Why does Conrad base itself in Germany and what does the future hold?

Firstly, we have a clear responsibility towards our employees. Many of them have been with us for 30 years or more. I am certain that Conrad will still be making models in 10 years' time. The quantities and versions remains to be seen. We are constantly testing and developing new production methods, as well as focusing on technology that is used elsewhere and adapting it for the model industry. Manufacturing in Germany is, of course, time-consuming and costly. Whilst other manufacturers moved production to China, my father was clear that we are a manufacturer and not a service provider with a production facility somewhere else in the world. That was the right decision and I stand by it today too. We have all the necessary technology and process steps in one place here in Germany. This means we can react quickly, carry out repairs and feed changes into our processes.

How many models do you produce on average and what has been the most exciting model to date?

My favorite model tends to be whatever we are working on at the time. And the construction reinvents itself with each new model. The quantities vary a lot depending on the size and complexity of the machines and also on whether the sector uses models for advertising purposes. Take a forklift for example: this sector traditionally uses lots of scale models and so we produce up to 2,000 pieces a day. On the other hand, for other models the total circulation would never reach this volume. At the same time there is a balancing act in how technical to make the model. We cannot depict all the subtlety of the original in a 1:1 model, nor do we want to. It is important to us that our models can always be played with.



How has the model market changed over the last few decades?

For some time now we have noticed a generational change from models being given away to models being sold. Whereas in the past it was good practice to give away large quantities of models as promotional items, manufacturers are now more inclined to sell the models in their own shops. When collectors have to buy the models themselves, it makes it harder to get into collecting in the first place. Today, scale models are more likely to be found on desks than in display cases.

As a model manufacturer, do you have to be a collector too? Do you have a display case in your living room?

No, absolutely not. I do not have any models at home. My father has some in his office though. Personally I need a mental balance, and I like to think about other things. Of course, I sometimes discuss work with my husband at the breakfast table, but that is the exception rather than the norm. We spend enough time during the working day talking about models.



Eight new apprentices for
SENNEBOGEN in Wackersdorf.



Start of their career for 37 new apprentices at the
SENNEBOGEN Maschinenfabrik GmbH in Straubing.



LAUNCHING THEIR CAREERS 45 x START OF TRAINEESHIP



A group photo at the start of their training is a must for the 45 new apprentices at SENNEBOGEN in Straubing and Wackersdorf. The new recruits have been swelling the ranks of all departments since September.

Over the next two to three years the young men and women, in a total of 17 commercial and trade careers,

from precision mechanic and technical product designer to industrial administrator and IT officer, will not only get to know the company, but will have lots of new experiences, increase their knowledge and skills, and develop personally.

We hope they have lots of fun and wish them every success as we say WELCOME TO SENNEBOGEN! «

APPRENTICES TAKE PART IN MACHINERY EXPERIENCE DAY



Working with big machines, innovative technology and lots of horsepower. Does that sound like a childhood dream? At SENNEBOGEN it is part of everyday life for the apprentices of the 17 different apprentice career options currently available. At the SENNEBOGEN experience day on June 11, 2019 they had the opportunity to learn about an interesting part of the company and try their hands at being material handler and crane drivers, both virtually and in real life.

In June, 2nd and 3rd year apprentices had a cross departmental „Take the wheel!“ day. As part of the SENNEBOGEN experience day they were able to try their hand at operating an material handler and see

for themselves how modern machines make it easy to move extremely heavy weights in the blink of an eye. As well as operating a „real“ machine on the SENNEBOGEN Academy test site, there was also the opportunity to operate a remote-controlled telescopic crane in the form of a crane simulator. The virtual tour involved a drone flight of the biggest machine in the current product range using VR glasses. A tricky scavenger hunt across the academy site and a photo box for making fun keepsakes rounded off the experience day event. Joint projects and apprentice trips take place regularly at SENNEBOGEN.

„The apprentices are our top priority, so it is important to us to provide the best training conditions as



Trainees across all departments tried their hand at driving an material handler themselves.



MOVE BIG THINGS

Under the qualified supervision of the product trainer, the apprentices test the sensitivity of the different machines and have fun along the way.

well as promoting team spirit, motivation, and an enthusiasm for our products," says Thorsten Resch, Production Director.

The SENNEBOGEN experience day is part of this - a fun event that the apprentices will certainly remember for a long time to come. <<



Virtual Crane Operator

With the Virtual Crane Operator they could see what it is like to operate a telescopic crane remotely.

LET'S MOVE FROM 'A' FOR ACTION TO 'Z' FOR ZERO EMISSION



Throughout the year our employees at Straubing and Wackersdorf spend their free time being active together.

Whether it's the traditional dragon boat races on the Danube River or as part of a running group or football tournament, they all look good in green. We are even encouraging the little ones to get sporty. From 2019 all newborns have been gifted a SENNEBOGEN balance bike. Congratulations from us!



A green team - our Wackersdorf footballers are in top form on the pitch.



A great atmosphere at the Straubing Herzog city run.



Wackersdorf:
Pioneer in electromobility



Tough serves on hot sand - our beach volleyball team led the way in 2019.

Coordination is required at the annual dragon boat races on the Danube.



„Petri Heil“ or „Good fishing“ for this fine specimen at the traditional SENNEBOGEN fishing competition.



Congratulations on the birth of your baby! We congratulate our employees and hope they have lots of fun with their SENNEBOGEN balance bikes.

2014

Learn more about:

the offer of the SENNEBOGEN
Academy



sennebogen-academy.com



Opening of the academy in 2014 laid the foundation for a special kind of training and events center, with a museum and construction vehicle experiences.



GOING FROM STRENGTH TO STRENGTH 5 YEARS ACADEMY



Founded five years ago and now an integral part of what SENNEBOGEN has to offer, the academy has developed very positively since it opened in 2014. Almost 1,000 events have been held in the training rooms and the Erich Sennebogen Museum since then.



A reason to celebrate - 5 years of the SENNEBOGEN Academy and 40 years of successful cooperation with Schnupp Hydraulik.



2019

The museum has been used as a meeting place for the industry and the region, not just for regular distributor meetings with participants from around the world but also for three concerts. The training department has welcomed more than 5,000 participants looking to gain valuable expertise in technical training courses, and also held SENNEBOGEN internal training and development sessions.

A particularly successful collaboration was the specialist hydraulics course run jointly with Schnupp Hydraulik. The academy's anniversary was celebrated in July, at the same time marking 40 years of collabora-

tion with Schnupp Hydraulik. CEOs Erich Sennebogen and Konrad Schnupp both highlighted the exceptionally good collaboration between the companies in developing hydraulic solutions, the mutual growth and the 5 years of successful joint training courses. All the SENNEBOGEN Academy employees and SENNEBOGEN senior management were invited to join the anniversary celebrations. «



A SENNEBOGEN 6140 HD duty-cycle crane in draglinebucket operation for the DENJEAN Granulats Saverdun’s gravel pit.

DENJEAN Group, a family owned company, is a major actor in South-West of France in transport, logistic and rough material production businesses. The Group is reinforcing today the efficiency of its production in Ariège Region, on its Saverdun pit. The gravels extraction process will be carried out now thanks to the new 140 t class dragline.

Few weeks ago SYGMAT, exclusive sales and service partner for SENNEBOGEN in France, took care about the delivery, set-up and start of production of the brand news 6140 HD. The technical teams immediately assembled the 140 t capacity duty-cycle crane, as well as the dragline bucket manufactured by French company IEV. As soon as the machine has be equipped, operators were trained by SYGMAT and threw the first buckets into the gravels pit. Thanks to its two 350 kN free-fall winches, the machine pulls a 5,4 m³ bucket, fittet with extra rippers on its bottom. With a boom length of 24.3 m (max. length 63.5 m) and a digging depth of up to 17 m, the 6140 E guarantees a permanent material supply with an optimised production process. The powerful 563 kW diesel engine, as the most powerful engine variant, not only provides sufficient reserves of power in every application, it also meets the high requirements of emission stage IV. The SENNEBOGEN duty cycle crane series from 13.5 t to 300 t sets itself apart with the robust design of each and every machine component, such as the uppercarriage, undercarriage, slewing ring, winches and booms. The new wide-track undercarriage with a selectable track width between 4.5 m and 5.6 m ensures maximum stability of the machine - a good 20 % more than similar machines on the market, which illustrates the added stability.◀

WATCH VIDEO





MACHINE HANDOVER

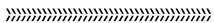
during the bauma: (from left) Epvre Delquie (Sygmat), Daniel Piovesan (Denjean) and Erich Sennebogen.

140 T DUTY CYCLE CRANE IN FRANCE



Der 7700R-SL crawler crane, with a capacity of 300 t, ensures lifting and handling of reinforcement cages.

SENNEBOGEN-TRIO IN ACTION FOR GRAND PARIS



Sales- and Servicepartner Sygmat

In the French capital, work on the future „Grand Paris Express“ metro is currently in full swing. The extension of the Paris subway line 14 in the south will connect Orly Airport directly with the current Olympiades terminus. Special foundation work for the future Kremlin-Bicêtre Hospital metro station began in March and should be completed in November 2019.

Drilling with mechanical diaphragm wall grab and rotoreuse hydromill, both equipped with SENNEBOGEN 6140 HD cycle cranes.



To construct the diaphragm walls at the Kremlin-Bicêtre Hospital site, several machines are working simultaneously: a SENNEBOGEN Duty Cycle Crane 6140 E with a mechanical diaphragm wall grab and a second with a rotoreuse hydromill. The 1.54 thick walls are reinforced with frame cages weighing up to 70 t and 50 m long, which are lifted and erected with the SENNEBOGEN 7700, a 300 t capacity crawler crane as service crane. Spie Batignolles Foundations, which has already owned two SENNEBOGEN 6140 HDs for two years, expanded its fleet for work on Line 14 South at the beginning of 2019 with a third machine of the same type, this time equipped

with a mechanical 25 t diaphragm wall grab. Thanks to its 350 kN free fall winches and its versatility, the 6140 HD SENNEBOGEN perfectly meets the needs of this new Parisian construction site. The Spie Batignolles Foundation equipped one of the 6140 E with a 35 tm 550 kW XL rotoreuse hydromill of the latest generation. The 708 kW motor of the duty cycle crane enables the drilling tool to be driven, which is controlled by the machine operator thanks to the modern and ergonomic touch screens and control panels in the cab. The grabs work at depths of up to 50 m on this job site, and the hydro-milling machine on the 6140 E can even reach twice that depth. «

TELESCOPIC CRAWLER CRANE FOR THE BENELUX REGION



Telescopic crawler cranes are very popular with Belgian construction companies. This is due to the enormous advantages of this concept. The range of SENNEBOGEN telescopic crawler cranes includes models with lifting capacities from 16 tonnes to 130 tonnes. The „smallest“ of this range has now gone to the Netherlands.

Bultena Verhuur recently commissioned the first SENNEBOGEN 613 E in the Benelux in Werkendam. Delivered by sales and service partner Van den Heuvel, it will be used directly for a special large-scale construction project in which Bultena was able to score with the new acquisition. The 16 t Crawler Telescopic Crane is used for the first time in Vlaardingen by the contractor association Baak (Ballast Nedam and DEME). The Blankenburg connection is being built here on behalf of Rijkswaterstaat. The new A24 motorway connects the A20 near Vlaardingen (north bank) with the A15 near Rozenburg (south bank). The main objective is to reduce traffic on both highways

and improve the connection of the port of Rotterdam to the Randstad conurbation. The construction of the Maas-Delta tunnel will involve the use of so-called cofferdams. These are temporary dams to allow certain areas to be drained during the construction period. These cofferdams consist of combination walls and heavy tubular piles with sheet piling in between. The 613 E is used to place the anchor rods that hold these cofferdams together and is the ideal solution. The 613 E can move safely, even under load, thanks to the crawler tracks.

Small transport width

With a transport width of only 2.53

m, the machine can also be easily and cost-effectively transported by low-bed trailer. What is particularly interesting for the customer is that the reduced width of the crawler undercarriage means that no transport permit is required. This means that any contractor can move the machine spontaneously from A to B without any time-consuming approval process.

The crane is equipped from the factory with the spacious and 1,75 m hydraulically raised Multicab cabin. A big plus for the project in Vlaardingen: Operator Annelies has a good view of the sheet pile wall and the entire excavation



safe travel with
up to 100 % load capacity



The smallest SENNEBOGEN telescopic crawler crane 613 E is used in Vlaardingen to suspend anchor rods in coffer dams and is in operation in the Benelux countries.

pit, an important aspect on this construction site. The 92 kW (125 hp) diesel engine complies with exhaust emission standard Stage IV. This ensures high environmental compatibility with low fuel consumption and low operating costs. Bultena already has eight SENNEBOGEN 608 multi-cranes in operation. The company now also offers the 613 E telescopic crawler crane for hire in the Benelux countries. <<



More information >> [sennebogen.com](https://www.sennebogen.com)

BYE-BYE FURNITURE STORE!



Ten years of standing vacant is enough - company Metz Erdbau GmbH is tearing down what was left standing of the old fortress that was the former Wangler furniture store in Regensburg. At the center of the work is a 45 ton SENNEBOGEN 830 E demolition excavator, used by the company to remove material and for on-site crushing and sorting.

Easy to transport on a low-loader, short set-up time, flexible range of attachments - these are just some of the reasons why Metz Erdbau GmbH decided to purchase an 830 demolition excavator from SENNEBOGEN's E-Series.

The company was founded in 2007 and specializes in holistic dismantling activities - from the controlled demolition of the Regensburg furniture store, to crushing and sorting, right through to the removal of material, all carried out by one 25 person strong expert demolition team.

It is clear that this approach requires machines that are as flexible as possible and they were found through working with SENNEBOGEN Vertriebs GmbH & Co. KG and sales partner Michael Braun, CEO of HDV Bavaria. With a reach of 19 meters and a full width of 4.5 meters, the 830 E's demolition ability is ideally suited

to downtown deconstruction. „Despite its compact dimensions, the 45 ton machine is very stable. This is especially evident when we are handling high load capacities, I rarely notice it vibrate or shake!“ says operator Andreas Feigl.

Another plus, according to Andreas Feigl, is that the machine has a 360° operational radius and so gives an ideal view of the entire work area. The elevating Maxcab with a 30° tilt means that the operator can work comfortably at a view height of 6 meters. Reclined in the ergonomic comfort seat he can control the shears, bucket or even the demolition grab with a direct view of the attachment event at steep demolition heights. «





„Operating with reduced emissions is an important responsibility, not just to be kind to the environment but also to be easy on the wallet.

The SENNEBOGEN 830 E comes out really well in the time-money-precision ratio! The low consumption of the economical stage V diesel engine and the fact that there is barely any downtime thanks to fewer refueling stops and quick grab changes has completely won us over!“

CHRISTIAN METZ, founder and managing director



EFFICIENT 855 E HYBRID IN NORTHERN GERMANY



Since the beginning of the year, the Viela Export GmbH team has been impressed by the tremendous dedication, performance and efficiency of its newest member. The newly acquired port specialist, the 855 E Series material handler from SENNEBOGEN, is a versatile machine that has really come into its own in the port of Vierow.

These are the precise words used to describe the 855 E material handler, equipped with the well-established SENNEBOGEN Green Hybrid energy recovery system. When the boom is lowered, gas gets compressed in a nitrogen piston accumulator at the rear of machine. This stored energy can then be reused during the next process with the help of an additional hydraulic



Official key handover (left to right): Christoph Riesebeck (CEO Riesebeck Baumaschinen GmbH), Matthias Übelacker (SENNEBOGEN), Paul Schnuchel (Harbor Master Viela Export GmbH), Jürgen Scholz (Swecon) and Holger Lehmann (Riesebeck Baumaschinen)

cylinder. As opposed to smaller system solutions with gas compression directly inside the cylinder, the SENNEBOGEN Green Hybrid System boasts a separate accumulator module at the rear of the machine. The result? A significant reduction in the engine power required and a machine that is able to work with almost constant power throughout the cylinder cycle. It was not just the energy saving potential that was decisive in the choice of machine. „The versatility of SENNEBOGEN

machines played a big part. We were able to configure a material handler that met our requirements to the letter!“ exclaims Bligenthal. A customized solution was designed in conjunction with SENNEBOGEN sales and service partner SWECON - an 855 E with a long-lasting 231 kW diesel engine, a 2 meter pylon extension for a better view into the ship’s hull and a 20 meter banana equipment solution which allows the operator to work even at the lowest points along the ship’s hull.

The comfortable Maxcab, which can be elevated and moved forwards, keeps the operator safe and comfortable, and provides a viewing height of up to 7.5 meters. The gallery around the uppercarriage and the platform by the cab also contribute significantly to the operator’s safety, making access to the cab and the maintenance areas much easier. »

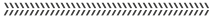


„We needed an efficient, agile and mobile material handler that we could use both in our storage yards and to load ships. We handle 1 million tons of bulk agricultural goods every year, 150,000 tons of which we process with the grab. It was absolutely essential for us to think about reducing costs and saving energy.“

HENNING BLIGENTHAL,
CEO



FRESH BREEZE IN THE BLACK FOREST! FINKBEINER REPLACES 835



In July 2019 with heavy hearts, family-owned firm Finkbeiner KG, based deep in Germany's Black Forest, parted company with their faithful companion, an 835 SENNEBOGEN c-series material handler. With a new 835 E-series material handling solution, the Baden-Württemberg company has taken the first step in refreshing its log yard. With sales and service partner Schlüter für Baumaschinen, the exchange of the machines could be implemented smoothly within four days.

Having operated for a total of 55,000 hours, the 2003 C-series material handler was starting to show its age. However, the case of Finkbeiner KG once again proved why electrical solutions from SENNEBOGEN are so popular: the longevity of the machines means that they more than pay for themselves.

Material handlers with electric engines have the advantage of being cheaper to run than those with diesel engines, electricity costing less than diesel. Services costs are also reduced to a minimum as service intervals are much longer and there are no filters or oil to change. Refueling stops no longer interrupt company productivity. All reasons why electric material handlers are ideal for day-to-day operations.

Conventional log yards often have to deal with the challenge of confined space and need to efficiently

coordinate machine routes and storage areas. At Finkbeiner a creative solution was found 16 years ago, thanks mainly to the natural surroundings of the Black Forest. The company is located in a narrow gorge in the low mountain range and a rail gantry with integrated trolley has been installed around the timber store. In places, the rails are attached directly to the rocks. Once attached, the material handler can move forwards, backwards and sideways, making it flexible and allowing it to almost float around the 3,600 m² site. Upgrading to an E-series has done something to performance. The previous 132 kW electric engine has been replaced by a powerful 160 kW version. To efficiently handle timber at the exposed heights that Finkbeiner do, the timber specialists decided to use a 19 meter 'banana' type boom. It makes it much easier to grab logs that are further away and lower down. <<





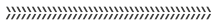
„Sustainable management is very close to our hearts. We are a PEFC™ certified company and only process timber from sustainable reforestation sources. We keep our production emissions down with the electric 835 from SENNEBOGEN, and also thanks to the short distance the timber has to be transported to our conveniently located storage area in the Black Forest. This is very important to us, as we have a big responsibility to get things right for future generations!“

ANDREAS FINKBEINER,
Managing partner

2003



NEW JOB FOR THE MULTI LINE AT METALLVERWERTUNG MÜNCHEN GMBH & CO. KG



Metallverwertung München processes more than 10,000 t of cables and power lines a year. It sorts and chops the cables it receives in order to extract any reusable components such as precious metals and plastics. Once they have been processed, the single- variety pellets are a valuable resource that can be fed back into the economic cycle.

Thanks to the series standard SENNEBOGEN quick change system, the 355 E can be fitted with any equipment in a matter of seconds, whether that be a lifting work, a bucket or a rotating clamping fork. It is not without reason that the SENNEBOGEN Multi Line is said to be multi-functional. Mr. Matthias Kloo, Operations Manager at MVM, also appreciates this flexibility, „The attachments have to be changed multiple times a day in order to properly execute the varied work we do. Every minute counts.“

The SENNEBOGEN 355 E telehandler’s Z kinematics, usually associated with wheel loader technology, play a key role in the loading of heavy precious metals. „The Z kinematics in the boom head give the machine very high breakaway torque. This means I can use the 355 E for the challenging task of loading heavy metals. Your

typical telehandler cannot do this and I would usually need an additional wheel loader to do it. The 355 E is simply more powerful and I can use it to kill two birds with one stone“, says Mr. Kloo.

The unique elevating cab means that the operator has the work area quite literally in their sight e.g. when loading bulk goods into trucks using the bucket. With an eye level of 4.25 m, the operator has an optimum view of how the goods are spread out, and can, therefore, work more efficiently. Mr. Kloo adds, „The view from the SENNEBOGEN 355 E is unique. The elevating cab provides a true all-round view and the operator is much safer than they would be in a competitor’s machine. In my view it is the best machine in the world - strong, agile, flexible and reliable.“

Sales- and service partner Fischer & Schweiger



„We need a powerful, multi-functional machine for our sorting and loading activities. A machine that, on the one hand, can do the precise lifting of a telescopic handler, and, on the other hand, works like a traditional wheel loader and can load heavy metals and scrap.“

JOHANNES WÜRZBERGER,
CEO





WATCH VIDEO



The SENNEBOGEN 355 E telehandler combines the best of both worlds - it is sturdy and stable like a telescopic handler but also strong and robust like a wheel loader.



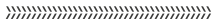
In 2019 ASCENDUM celebrated its company anniversary worldwide. This included, for example, the inauguration of a new workshop in Gumpoldskirchen/Austria.



SALES- AND SERVICE



ASCENDUM - 60 x TIME TO CELEBRATE



With a 60 year history, our sales and service partner Ascendum is spending the year looking back on an eventful journey. The anniversary is being celebrated throughout the year with lots of different events across the various countries served by the international construction machine dealer. For many years, Ascendum has been a distributor of SENNEBOGEN Green Line machines in Portugal, Croatia, USA and Austria, and has stood for long-lasting, reliable customer relationships, dependable and competent service, and a cooperative partnership.

60 years of Ascendum also means 60 years of a family company, which now has around 1,400 employees worldwide across 14 countries and a turnover of around €944 million - a success story to be proud of. The company is not just looking back, however, they are looking to the future too. The 60 has been adapted to also represent the word GO! A call to employees, partners and customers that we are happy to endorse. SENNEBOGEN would like to congratulate Ascendum on its anniversary and our long-standing, successful partnership. We wish the company every success and all the best for its anniversary year and the future!



They celebrate with their international team: (from left) Member of the Executive Board Rui Faustino and Managing Director José Luis Mendes



SENNEBOGEN Telehandler with

SML POWER

+ AMAZING OVERVIEW

Stay on top of your work. The elevating cab gives you a great panoramic view and additional working safety.

MORE BREAKAWAY FORCE AND REACH

No compromises: The clever combination of the telescopic boom and Z-kinematics is the ideal fusion of telehandler and wheel loader technology.

+ ROBUST UND STABLE

Strong steel structure like a wheel loader-safe standing like a telehandler. Built for your challenging applications.

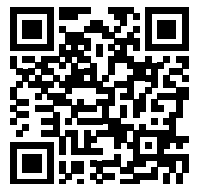
+ COMPACT AND MANEUVERABLE

Ideal for your dynamic working environment: The small turning radius, three steering options and speeds up to 40 km/h ensure maximum flexibility.

+ ENDURANCE

Use the machine in multi-shift operation. The powerful engine and perfectly matched transmission make it possible.

WATCH NOW
SML POWER VIDEOS



More about SML Power at telehandler-or-wheel-loader.com

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