

*Flexible & reliable for over 75 years*



# MACHINES THAT BUILD THE FUTURE





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VAN DEN HEUVEL

## MESSAGE FROM THE EXECUTIVE BOARD



Van den Heuvel is a dynamic, specialised company with skilled, well-trained personnel. We focus on the sale, production, repair and overhaul of foundation, earthmoving, demolition, transshipment and road construction equipment.



We know how to get things done and respond to changing market conditions and specific customer requirements with innovative solutions. The combination of technical knowledge, engagement and skilled employees makes Van den Heuvel a unique company. We are your partner for every project, for every machine and for every brand.

Like no other, Van den Heuvel understands what is needed in ordinary and unusual situations. Drawing from our extensive experience and the latest technology, we provide the most suitable system solution for any challenge. These can range from simple modifications to just about anything you can imagine. Whatever you can come up with, we can build.

*We aim to be the most successful partner in the civil engineering, construction, lifting & transport and pile driving & foundation sectors. In doing so, we exclusively use reliable brands that are built with a passion for technical innovation.*

We provide a total package: from engineering, to painting and approval. Our staff work closely with you and manage your project from the design phase right through to the finished product.

The name Van den Heuvel is internationally respected. Our most valuable proposition is the flexibility of our services and the reliability of our personnel, as it has been for more than 75 years.

MARC TIMMERMAN

Owner Van den Heuvel



## BIG STEPS FOR THE FUTURE

### INVESTING IN QUALITY, ENGINEERING AND ORGANISATION

Van den Heuvel was founded in 1949 and at that time was active in earth, road and water works. Initially, the focus was on dyke reinforcement, especially after the North Sea flood of 1953. The office moved from Zierikzee to Driebergen and finally settled in Werkendam.

The maintenance and repair of the company's own machines was always carried out in house, and over the years this expanded to include more and more overhaul and maintenance of third-party equipment. The growth of this department was so great that in the late 1980s the decision was taken to have it continue as an independent company, called Van den Heuvel Reparatie & Service.

The company continued to successfully expand. In January 1995, Van den Heuvel began working with leading Finnish brand Junttan as import agency for the Benelux countries and began servicing pile driving equipment too. Since January 2004, Van den Heuvel has consisted of three operating companies: Handel & Techniek, Metaalwerken and Reparatie & Revisie. On 1 April 2017 a fourth was added, with the exclusive distribution rights to Sennebogen Crane Line products: Van den Heuvel Cranes & Services. In 2006, Marc Timmerman acquiring his first shares of Van den Heuvel, and in 2009 a complete takeover followed.



## VAN DEN HEUVEL AT A GLANCE

### ORGANISATION

We are happy to help you find the best machine for every foundation, lifting and ground improvement job. In addition to selling equipment, we can also design and build a high-quality machine. We advise you every step of the way and handle all related aspects. Our organisation is involved in a wide range of activities, a sampling of which are shown on this page.



### CRANES & SERVICES

We have the exclusive distribution rights to Sennebogen Crane Line products (lattice-boom crawler cranes and telescopic cranes) in the Netherlands. Sennebogen is a world-renowned German brand, and its machines are known for their German reliability and ultimate performance. We not only sell new machines but also provide replacement parts and expert service.



### MACHINE BUILDING AND MODIFICATION

Custom solutions are our strength. In addition to selling foundation machines, cranes and soil compaction machines, we can also build a custom machine based on your wishes and needs. When you are looking for an attachment for your construction machine or crane, we offer the most suitable solution too. Our in-house engineering department develops a machine according to your specifications, and the professionals in our workshops and paint shop turn the design into a high-quality finished product.



### PILE DRIVING EQUIPMENT

We are a leading manufacturer of innovative foundation equipment, such as our own line of rail piling rigs and multifunctional foundation machines, and we are an official distributor of PTC vibrodrivers. You can also come to us for all sorts of pile driving accessories. Our team of experts provide you with advice, conduct technical research, prepare calculations and schedules, and develop the most suitable foundation machine for your project.



### REPAIR & OVERHAUL

Our service department repairs, maintains and overhauls machines. All our employees are experienced, well trained and have extensive knowledge. No matter what machine or brand, we ensure that you can fully rely on your equipment. We carry out complete overhauls, making your machine as good as new. You can also choose to make partial modifications. These include modifications to cabins and undercarriages. Our service engineers are here to serve you, in Werkendam or at your location.

## VAN DEN HEUVEL MACHINE BUILDING AND MODIFICATION

We are your partner when it comes to machine building and modification. Thanks to the combination of technical knowledge, experience, reliability and flexibility, we make every project a great success. From sketch to final product, from engineering to commissioning, you have a single partner.

### SPECIALS

Together with various end users and suppliers, we have completed many special projects. For example, we invented a new hydraulic drill pipe clamp, in which the drill pipe runs through the drilling motor, created special sheet piling machines, which we fit with a telescopic or four-piece mast, and developed special compaction hammers based on our own hammers. We also make machines that are suitable for special purposes. For example, we built a VDH MP60 – a compact, multifunctional foundation machine. We also build machines for special purposes, such as our PV15 and PV335, specially designed for piling along railways.

### UNDERCARRIAGES

To enable your machine to work on and around the rails, we can equip it with rail undercarriages. Any vehicle and any machine, regardless of track width, for any length; our engineering department designs the rail carriages according to your needs and requirements. We make the necessary calculations and technical drawings. Based on the final design, our metal workshop produces the carriages. In our hydraulic workshop the carriage is attached to the machine and the hydraulic functions are installed and connected. The rail wheels can be either hydrostatically or friction driven. The undercarriages are sprayed in our paint shop and then tested. In addition to building rail undercarriages, we can also widen, narrow or raise your existing undercarriage.

### NEW BOOM CONSTRUCTION AND BALLAST REINFORCEMENT

Our engineering department carries out another stability calculation. The new boom is designed and calculated using the finite element method, and the technical drawings are made. The hydraulic lines are examined and, if necessary, the ballast is reinforced. The final designs then go to our metal workshop, where the new boom is assembled, welded and bored. The hydraulic lines for the various functions are custom-made in our hydraulic workshop. In case of ballast reinforcement, the counterweight is made heavier by welding steel plates to the existing counterweight, and the ballast foundation is modified. The newly made parts are then sprayed in our own paint shop. Finally, the machine is assembled with the new attachments, we carry out a 3D measurement and welding tests and, if necessary, the machine is CE marked.



Sometimes a standard machine is just not suitable for performing certain tasks. In that case, you can decide to have the machine, or parts of it, modified. But even that is not always enough. Another option is to have completely new parts made, according to your own specifications.

We are specialists in the conceptualisation, design and manufacture of new parts for your machine. Like no other, we understand what is needed in ordinary and unusual situations and provide the most suitable system solution for any challenge. The skilled staff in our workshops and paint shop create a high quality finished product from the design, according to your specifications.



## VAN DEN HEUVEL PILE DRIVING EQUIPMENT

We are a leading manufacturer of innovative foundation equipment, such as our own line of rail piling rigs and multifunctional foundation machines. We are also an official distributor of PTC vibrodrivers. You can contact us for the purchase of new foundation machines, vibratory hammers and other foundation accessories.

### RAIL PILING RIGS

The VDH-PV15 was specially developed for carrying out pile driving activities around railways. A compact, multifunctional pile driving machine that can be used both on and alongside the rails. The VHD-PV15 consists of a newly built bare basic frame.

The complete unit is specially developed and manufactured by us for work around railway.

### MULTIFUNCTIONAL FOUNDATION MACHINES

Van den Heuvel will help you find the best machine for every pile driving, lifting and soil compaction job, even if it does not exist yet. Each project is unique and has its own foundation requirements. For this reason, Van den Heuvel offers its own line of multipurpose machines, suitable for both drilling and pile driving. These modern machines are advanced and developed using the latest technologies. The machines are designed for safe, efficient operation. Advanced drill motors ensure reliable and efficient operation for various drilling technologies. The components are of high quality and the hydraulic system is sophisticated.

### PRECAST PILES

Driving precast piles is considered one of the best methods of building a foundation. In the construction sector these prefabricated concrete piles are seen as a guarantee of high quality. There are various measures available, with minimal additional costs, for limiting the nuisance during pile driving activities. We can assist you with this in various ways, for example, by making noise-reducing modifications to your piling equipment.

### PTC VIBRODRIVERS

We have been an official distributor of PTC vibrodrivers since August 2016. PTC is a world-leading company specialised in the design and manufacturing of pile driving and ground improvement equipment. PTC has played a leading role in the development of vibratory hammers: it was the first company to launch hydraulic vibrodrivers in the early 1970s and the first to introduce high frequency vibrodrivers with variable amplitude control (HFV Vibrator). By joining the Fayat Group in 2004, PTC has expanded its product portfolio to meet the needs of the different market segments in the foundation industry.

### RAPID IMPACT COMPACTION UNITS

Van den Heuvel develops and builds one of the most powerful and efficient soil compaction systems available today. Our Rapid Impact Compaction units are designed for the fast and precise compaction of large soil surfaces, using a combination of an accelerated drop weight and a compaction foot. This technique densifies sandy and granular soils at a high frequency of impacts per minute – creating a solid, stable foundation for construction projects.

We offer a range of configurations with drop weights from 9 to 17 tonnes and impact energies up to 200 kNm. Each unit is engineered for optimal energy transfer, reliable performance and maximum safety. Custom-built features such as reinforced booms, additional counterweights and specific foot sizes ensure the system performs under all conditions, on any site. Our in-house engineering and production teams deliver compactors that meet CE standards and comply with all relevant safety requirements.

We offer worldwide service and on-site training, making us a reliable partner in ground improvement.

## VAN DEN HEUVEL CRANES & SERVICES



### LATTICE-BOOM CRAWLER CRANES

Lattice-boom crawler cranes are heavy-duty machines, made for light and heavy lifting in various projects. The Sennebogen crawler crane concept offers many advantages for both the owner and the crane operator, such as a lifting capacity of up to 300 tonnes with a large working range, where safety comes first.

### DUTY CYCLE CRANES

#### and Draglines

Featuring robustly designed upper and lower carriages and powerful hydraulics, the duty cycle cranes and draglines are made for dynamic and continuous operation under the toughest conditions.

The heavy-duty cranes with a lifting capacity ranging from 30 to 300 tonnes can be fitted with various hydraulic and mechanical accessories (dragline bucket, grabs, casing oscillator etc.).

### TELESCOPIC CRANES

Telescopic cranes from Sennebogen combine German quality and innovation. This crane offers several advantages, such as a full-power boom, which allows driving with load and telescoping under load, a lifting capacity of 8 to 130 tonnes, simple and robust design and low transport costs thanks to its compact design. The machine can be delivered on tracks or tyres.

### PORT CRANES

Port cranes, with their robust undercarriages, guarantee high stability for heavy lifting. The maritime paint finish offers excellent corrosion protection for use in ports, as do the chromed and nickel-plated piston rods. The spacious port crane cabins provide ideal ergonomics and a perfect view of the ship with flexibly adjustable telescopic or fixed cabin elevation.



## VAN DEN HEUVEL REPAIR & OVERHAUL

Your work revolves around continuity. If the technology lets you down, you can count on our service. We know better than anyone that equipment downtime costs money. In our workshop or at your location, whether for minor or complex repairs or even partial or complete overhaul of your equipment, we are there for you.

Van den Heuvel has a team of technicians with fully equipped service vehicles at your disposal. Our service technicians are well-trained and experienced and can travel anywhere in the world to quickly solve any problem with your foundation machine or crane. No matter what machine or brand, we ensure that you can fully rely on your equipment.

As a dealer, we can provide service on all Sennebogen equipment, but you can also contact us for other brands and types of machines, cranes and accessories. We always have many parts in stock.

We carry out complete overhauls too, making your machine as good as new. You can also choose to make partial modifications.



## MISSION & VISION

*We aspire to be the most reliable partner in the foundation, earthmoving, demolition, transshipment and road construction sectors. We exclusively use reliable brands that are built with a passion for technical innovation.*

We are known for our flexibility and reliability. We strive for long-term cooperation and a high level of customer satisfaction. Sustainability is at the heart of everything we do. By proactively responding to market developments and focusing on making machines more sustainable, we combine innovation with experience. Together with you, we seek the best solution: extending the lifespan of your machine, reducing emissions and ensuring future-proof operations.

Reliable, sustainable and fully tailored to your wishes and needs.



SENEBOGEN  PTC  
FAYAT GROUP



VAN DEN  
**HEUVEL**

Hulsenboschstraat 2,  
4251 LR Werkendam  
The Netherlands

+31 (0)183-502655  
info@vdheuvelwerkendam.nl  
[www.vdheuvelwerkendam.nl](http://www.vdheuvelwerkendam.nl)

