



WE INVITE YOU

to share in our heritage. The Dutch people have a long history of coexistence with their natural habitat. In securing a solid base to live and work, PVE contributes in developing vibro technology, to ensure clients get the best vibro equipment available.

Companies from all over the world benefit from our unmatched knowledge of vibro technology to meet even the most challenging assignments. Both onshore as well as offshore.

We are honoured to share our knowledge. And we invite you to join in.

JAN VAN ES
MANAGING DIRECTOR PVE

SMART VIBRO SOLUTIONS FOR ANY CHALLENGE

OUR BUSINESS

ENGINEERING
PRODUCTION
SALES
RENTAL
SERVICE
SPARE PARTS

OUR PRODUCTS

VIBRO HAMMERS:
> VARIABLE MOMENT
> HIGH FREQUENCY
> NORMAL FREQUENCY
> RING VIBRATORS
> LINEAR VIBRATORS

PRESSING MACHINES

POWER PACKS:

> 200 – 5000 kW
> STANDARD OR TAILOR-MADE
VIBROFLOTS
CLAMP SYSTEMS FOR EVERY PURPOSE, IN ANY SIZE

COOPERATION

Privileged for being closely involved in our clients' projects, we have first hand information on needs and requirements. Over the years, we have listened and learned. And what we have learned, we have incorporated in the development and supply of hundreds of vibro hammers and power packs.

Cooperation enables us and our clients to get the best, most pragmatic vibro solution to do the job. The earlier we are involved in the process, the more efficient the project can be. Whether you are an designer, a manager or an engineer, we can support you with our advice. This may vary from geotechnical prospecting and financial calculations to setting the specifications for the equipment.

TAILOR MADE

Most of our products are embedded in piling solutions. Each project has its own technical and financial challenge; tailor-made solutions have become common practice for us.

With non-standard configurations, our competence is world famous. As we manage all disciplines in house – engineering, production, testing and maintenance - we can deliver the optimal equipment. Driving tubes in any size and any diameter, power packs up to 5000 kW and more, we develop any solution with the exact specifications for the job.



WE OFFER YOU
SOLUTIONS
RELIABILITY
COMPETENCE
COOPERATION

VIBRO SOLUTIONS CIVIL CONSTRUCTION

Extreme jobs require reliable equipment, capable to do the job efficiently. Whether you face -40°C or $+50^{\circ}\text{C}$ conditions, or piling at a 45° angle in an urbanized area, we supply the right tools.

CHALLENGES IN NATURE

Sometimes, we are confronted with the extremes of nature:

- > arctic situations, dominated by snow, ice and temperatures far below zero
- > desert conditions, with sun, sand and scorching heat
- > offshore, facing the incredible force of water
- > flora and fauna we must preserve while constructing

PVE vibro equipment with its superb heating and cooling devices, enables to perform in these most extreme conditions.

URBAN CHALLENGES

Working in urban environments has its own, specific challenges:

- > reduce noise
- > work in limited site conditions
- > preserve current constructions

Urban projects require delicate operation with a minimal disruption of social life. Our PVE vibro equipment meets the most stringent restrictions as to noise and vibrations. And smart usage of equipment increases the efficiency.



VIBRO SOLUTIONS OFFSHORE

A large red vibro hammer machine is mounted on a barge in the middle of the sea. The machine has a long black cylindrical body with 'PE' logos. In the background, several wind turbines are visible against a clear blue sky. The water is calm and greyish-blue.

As beautiful as it may be, the sea remains a hostile environment for man and machine. When piling at sea, vibro equipment must endure in the most extreme conditions. Exposed to the elements, reliability and heavy duty performance are key requirements. And offshore vibro equipment must of course withstand enormous water pressure.

Wind farms are eco friendly, so is our vibro technology: little noise and minimal disorder of sea life.

NATURAL RESOURCES & ENERGY

Demand for fossil fuels and alternative energy requires considerable building of power plants and their maintenance. Vibro equipment must fully comply with environmental requirements. Another important factor is project planning. It requires reliable service and back-up to ensure minimal start-up- and maximum trouble-free running time.

Whether it involves offshore piling for wind farms, bridges or projects closer to shore such as docks or jetties, PVE has the piling and vibro equipment as well as the expertise. The unique service comes with the package: we offer 24/7 local service at a global scale.



HARBOUR & COASTAL

The Dutch are masters in water management. Backed by a long track record of building dikes and dams, bridges and other marine works, it is justified to state we are experts in building structures in, near, under and on water.

With our enhanced vibro technology, we provide solid, reliable and environmentally friendly solutions for harbour and coastal areas.

PVE can supply the full package of knowledge and tools for foundation jobs. But our proposition is not limited to that. Our strategic partners are specialized in complementary products such as (crawler) cranes, platforms, floating- or jack-up barges and supplementary materials. PVE's capability to offer a total solution and enabling to manage the entire foundation job by having just one contact, is unique in the world.





Vibro technology is our business, designing vibro solutions and equipment is our passion and developing smart, durable vibro equipment, our goal.

Driven by this ongoing process of improving and innovating, we fully master the technology and skills to supply top quality products for successful piling and vibrating.

LEADING TECHNOLOGY

Close contact and cooperation with clients, dedication for the job and enhanced knowledge center; this synergy has resulted in leading vibro technology, top quality that lasts and inventive products:

- > power packs and hammers with huge hydraulic power.
- > advanced (oil) temperature control, performing from -40 °C to +50 °C, onshore and offshore
- > computerized iQan motor management system, with options such as GPRS tracking and remote monitoring of vibro equipment and power packs

Production takes place in PVE's own machine shop, using high-tech CNC operated machinery. All PVE equipment must meet 'the green line', PVE's own high quality standard. This strict quality audit guarantees highly reliable products with a long lifecycle and low running costs.

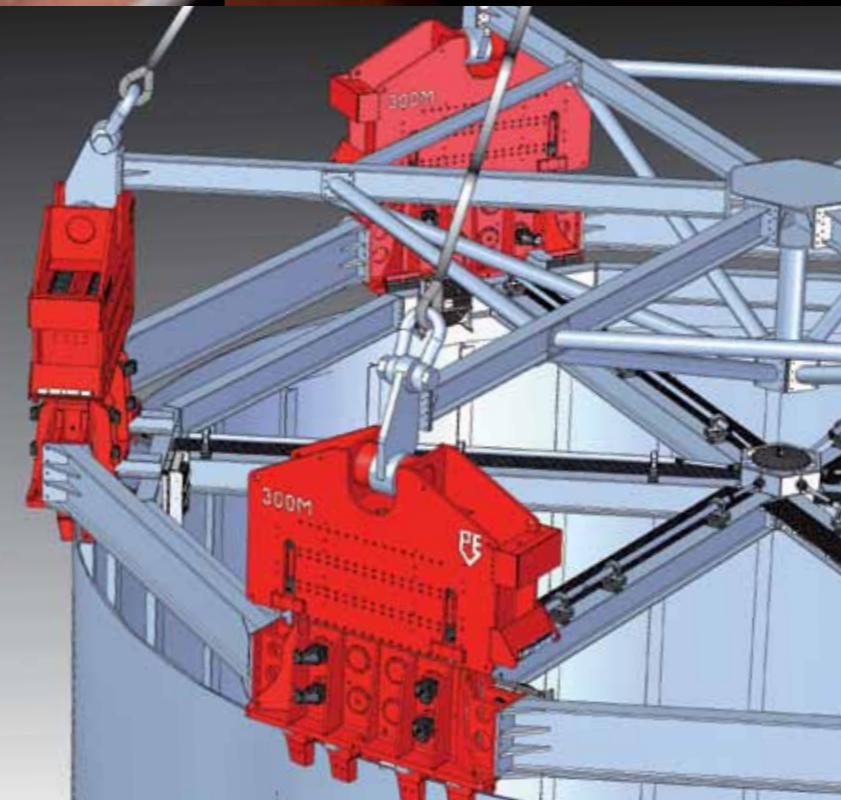


DUTCH MASTERS IN VIBRO TECHNOLOGY

DEFINING YOUR NEEDS

In every project, it is vital the requirements for equipment are clearly defined. This implies careful thinking and research. PVE can support in developing the solution and outlining the product specifications.

By consulting us or our well trained dealer network early in the process, one is assured that the right (configured) vibro equipment is used for the job. This means smooth running projects, with maximum control and meeting the set deadlines.



GLOBAL COVERAGE



It is our heritage, the Dutch explorer's spirit, that our clients are spread all over the world. From Europe to the South Pacific, from China to the USA.

We have close contact with our clients; directly or through our worldwide network of experienced dealers. Our service teams are 24/7 standby for support.

PROOF OF COMPETENCE

1 GERMANY, HOOKSIEL

challenge: installation of offshore windmill foundations

2 AMSTERDAM, OLD INNER CITY

challenge: urban area with limited working space, where noise and vibration restrictions require use of pressing machines

3 DUBAI, PALM ISLAND

challenge: foundations in newly reclaimed land from the sea

4 SINGAPORE, CASINO HOTEL

challenge: extreme hotel, extreme weight, extreme foundation

5 CHINA, SUTONG BRIDGE

challenge: extreme long tubes with large diameter in heavy soil conditions



1



2



3



4



5



LOCAL SERVICE 24/7

What we offer is more than expertise and a complete range of equipment. Our package deal includes worldwide project- and logistics management with a personal touch; projects are coordinated from the head office in Sliedrecht, The Netherlands.

Our local offices and dealers supply and transport equipment, spares and parts ex stock. Our strategically located service teams are 24/7 standby for training and commissioning on the job, including start up and maintenance.

Large, financial interests are at stake in every project. We offer solutions, reliability, competence and cooperation. PVE enables success in each project, wherever.



**DIESEKO GROUP:
PASSION FOR VIBRO TECHNOLOGY**

PVE is part of the Dieseko Group, specialized in engineering, manufacturing, rental and sales of piling and vibro equipment and power units.

PVE is known for its passion to develop vibro technology to its limits and uses this to build high quality products and solutions.

Our partners are specialized in complementary products and provide expert knowledge in their field of operation:

- > PVE CRANES & SERVICES rental & sales lifting and foundation equipment worldwide
- > JACK-UP BARGE rental & sales of jack-up barges worldwide
- > WORLD WIDE EQUIPMENT marine services worldwide

Working with the Dieseko Group means teaming with passionate professionals. Challenge us, and you will experience our contagious enthusiasm.



OUR VALUES

OUR MISSION

As worldwide leading developer, manufacturer and servicing company in vibro technology and specialized in hydraulics,

We are dedicated to enable clients to build and construct in an effective, efficient and sophisticated manner in all circumstances.

To facilitate this, we continuously push technology to its limits, using innovations and developments to optimize the performance of our products and systems, without compromising to safety or environment.

CUSTOMER CENTRICITY

A foundation is the first, critical step in each building project. To develop customized solutions and product and to deliver in time, we work in close cooperation with the client.

Our activities are backed by a professional, worldwide network of dealers and strategic partners. They enhance our offer of products, solutions, services and support all over the world.

Our support includes a 24/7 worldwide service for start up of machines, maintenance and repair.

QUALITY LASTS

Since 1985, manufacturing is done in our machine shop in Sliedrecht, The Netherlands. Our qualified staff uses high-tech CNC driven milling and boring machines.

Supply chain integration with partners such as Volvo, Caterpillar, Bosch Rexroth and Parker, enables us to build the most solid, reliable piling and vibro equipment available.

All PVE equipment is assembled and finished with the most considerate care and meets 'the green line': PVE's own high quality standard, on top of the EC standards.

OUR CORPORATE SOCIAL RESPONSIBILITY

PVE is a global OEM supplier of industrial equipment and services. We are fully aware of the impact we have on the environment. Sustainability is well embedded in our R&D, processes and products. Our CSR focus:

- > create safe production facilities
- > develop safe products
- > produce long lasting quality
- > optimize motor management: low fuel consumption and minimal emission
- > minimize pollution: a.o. use of biologically degradable oil
- > innovate environmentally friendly technologies such as the Variable Moment
- > minimize noise and vibrations to preserve flora and fauna
- > adopt AdBlue technology: reduce particles in diesel exhausts
- > implement recycle & trade-in programs for used equipment
- > provide a safe, challenging and rewarding working environment with educational programs and training opportunities
- > support communities & society



PILING & VIBRO EQUIPMENT

Concept & Design: designforselling.nl



DUTCH MASTERS IN VIBRO TECHNOLOGY

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