

VDH-PV15

In addition to selling equipment, Van den Heuvel (VDH) is perfectly capable of designing and building high-quality machines. Specially for those projects where foundation work has to be carried out on and around the rails, VDH developed the PV15.

MULTIFUNCTIONAL AND COMPACT

The VDH-PV15 is a multifunctional piling machine that is optimally suited for carrying out various types of foundation work in railway projects. The integrated pile driver enables the machine to do piling work, a drill motor can be mounted for drilling work, and a vibratory hammer can be attached for driving various types of sheet piling. Thanks to its compactness and short turning radius, the PV15 can do its work while the adjacent rails remain operational. This provides increased productivity. In addition, the PV15 can be erected under high voltage lines, making it unnecessary to take the machine off the rails for piling work: very efficient! With a width of 3 metres and a transport length of 7 metres, the PV15 is easy to transport.

POWERFUL AND FLEXIBLE

The PV15 is self-propelled, both on the rails and on crawler tracks. In the VDH workshop, the machine is equipped with a self-propelled wheelset so it does not need to be pushed or pulled by a train. In addition, a leader, hammer, sliding table and extra ballast are added. A standard excavator can also be fitted with this, but VDH prefers to use a machine of its own choice. The machine is equipped with an emergency provision, allowing it to be pushed or pulled by another vehicle. The machine can also be equipped with a backup generator.

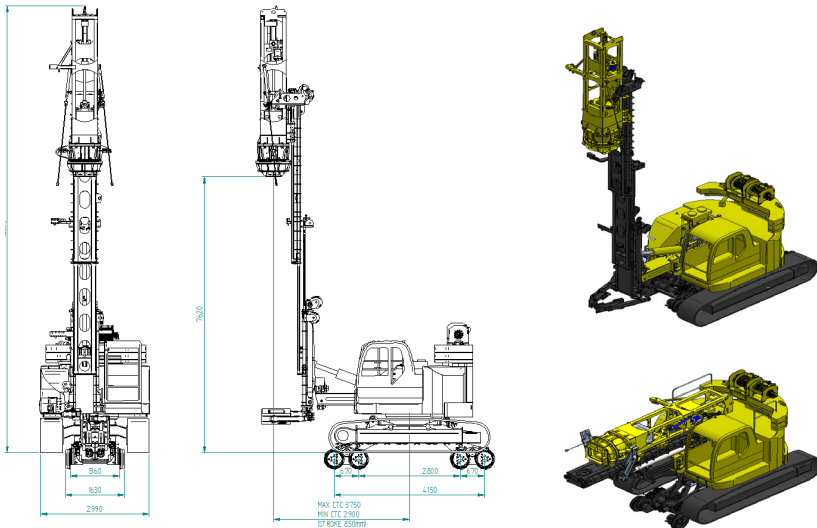
VARIOUS DRIVE CAPS

Despite its compact size, the PV15 can drive piles of various lengths up to a maximum of 7.5 metres long. This is possible due to the height-adjustable 3-section leader, specially developed by VDH. Different drive caps can also be fitted on the machine. This allows both square piles and piles with screw ends to be driven into the ground. The hydraulically rotatable adapter turns the piles exactly in the right place, making the work more efficient.

CUSTOM SOLUTIONS TO MEET CUSTOMER REQUIREMENTS

VDH, a specialist in the field of modifications in the foundation sector, recommends the most suitable solution (brand-independent) and carries out the machine conversion from start to finish. The team of skilled engineers designs, draws and calculates in accordance with the EN 16228 standard. Although all the equipment of the PV15 was designed and manufactured by VDH specifically for rail work, the machine can be configured completely according to the customer's requirements and to suit the work it will be used for. The skilled staff in the workshops and paint shop create a high-quality finished product from the design.





ADVANTAGES OF THE PV15:

- Suitable for work on and around the rails
- Compact, in operation and during transport
- Adjacent rails can remain operational
- Self-propelled, railway wheelsets or crawler tracks
- Can be erected under high voltage cables
- Multifunctional: piling, vibrating, drilling
- Can be fitted with various drive caps
- EN 16228 certified



Once the machine is built, everything is carefully tested and certified (EN 16228) so it meets the established standards and requirements. The customer receives a complete package with which they can get started straight away.

READY FOR THE FUTURE

Van den Heuvel designs, modifies and builds various types of high-quality machines for special applications. VDH is therefore a successful partner in the foundation sector. Production and modification take place entirely in-house, using state-of-the-art equipment, with expertise developed over many years. Everything is taken care of for the customer throughout the process, from the initial request to delivery of the machine, service and maintenance. Custom solutions result in perfect basic machines, which can be adapted to the needs of the customer or project.

