

## VDH MINI PILING MACHINE 2000

Van den Heuvel developed the VDH-MPR-2000 for pile driving inside a building or at a construction site where a compact machine is required. Despite its small size, the MPR-2000 has a large capacity. Van den Heuvel developed and produced the free-fall hammer winch in-house. In combination with a drop weight of up to 2,000 kg, this makes the mini pile driver suitable for installing pipe piles. In addition, the VDH-MPR-2000 is equipped with two auxiliary winches rated for 1,000 kg each. The leader is hydraulically extendible by 800 mm and can mechanically vary in length from 1,550 mm to 6,000 mm.

### RELIABLE AND SAFE

Designed with high-quality components and simple controls, the machine is very reliable and safe. The well-finished MPR-2000 is also PLC controlled: the piling process is closely monitored by sensors. This ensures a continuous high frequency, resulting in optimal machine performance. And the sensors prevent a possible malfunction from creating a potentially dangerous situation. Van den Heuvel developed the software in-house. Information is displayed on a touchscreen, with automatic notification of any abnormalities in the process. The screen allows quick and easy adjustment, which prevents downtime and unsafe situations. The fail-safe redundant brakes on both the drum and the clutch disc also ensure safe working conditions. The MPR-2000 meets the strictest requirements and standards, such as the NEN-EN 16228 for foundation equipment.

### FULLY ELECTRIC

The mini piling rig is equipped with a 400V electric motor and is therefore perfect for use on projects where minimising emissions is important, such as work in the city centre, inside buildings or when specific environmental targets must be met. Feedback from the emissions indicators is displayed on the machine's touchscreen.

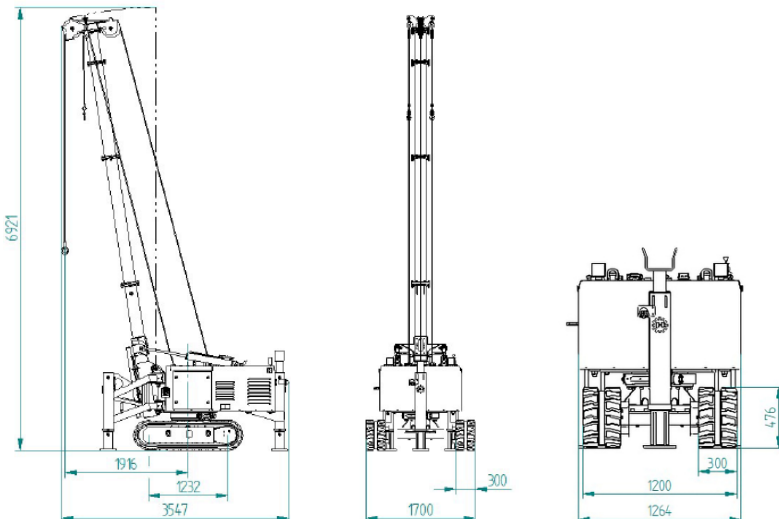
### COMPACT IN USE AND TRANSPORT

Thanks to the dimensions of the VDH-MPR-2000 (with a length of 2,944 mm and a width of 1,264 mm), a combination that can be driven with a European category BE driving licence is all you need to transport the machine. This not only makes it logistically attractive but also means lower transport costs and a smaller footprint.

### PRODUCTION IN OUR WORKSHOPS

In our fully equipped metal and hydraulic workshops and paint shop, we employ skilled welders, mechanics and paint sprayers who ensure that you get a top-notch end product. The welding, hydraulics and assembly of the piling rigs and appliances are all completed here. The piling rigs and appliances are then treated in our paint shop to preserve them.





### BENEFITS OF THE VDH-MPR-2000:

- Compact machine
- Large capacity
- Fully electric
- Suitable for indoor and outdoor use
- Custom-made free-fall hammer winch
- PLC controller with touchscreen
- Compact in transport
- Safe and reliable

All VDH machines are extensively and carefully tested and approved prior to delivery, are of the highest quality and meet the applicable standards. Van den Heuvel also provides maintenance and service for all the machines.



### 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.

