



# Add-on Drilling Mast



## Merits of the GeoDrill

GeoDrill is an add-on drilling mast from ABI, which was especially designed for working under limited headroom conditions. The low working height together with the long reach of the attachment allows working in buildings, underneath bridges or power lines, along railroad tracks and in similar circumstances. The reach is limited by the stick boom of the excavator. GeoDrill is designed for kelly drilling without casing in uncollapsing soils. Apart from foundation piles GeoDrill can be used for applications like installing king pile walls with wooden lagging as well as for ground release drilling as piling aid.

GeoDrill is an excavator attachment, which is mounted to the stick boom and can be attached to almost any hydraulic excavator with sufficient engine power and stability. The hydraulic supply is adjusted to the available performance of the carrier.

The developed design with relative low transport weight and compact transport dimensions assure high manoeuvrability on sites so that difficult to access places can be reached.

The reachable depth depends on the kelly bar and tooling. As standard a four sections friction kelly bar with a usable length of 15 m is provided. Among the classic auger flight a drilling bucket can also be used. The nearly wear and maintenance free auger drive with a very low noise level can be chosen with a torque of 3500, 4200 and 6000 daNm.

GeoDrill is a compact and solid machine, which convinces through efficiency, user friendly operation and flexible usability in many construction and building projects.



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