ABI Gruppe

ABI • BANUT • DELMAG • GEODRILL • INTEROC

ABI MOBILRAM
combi-wall application

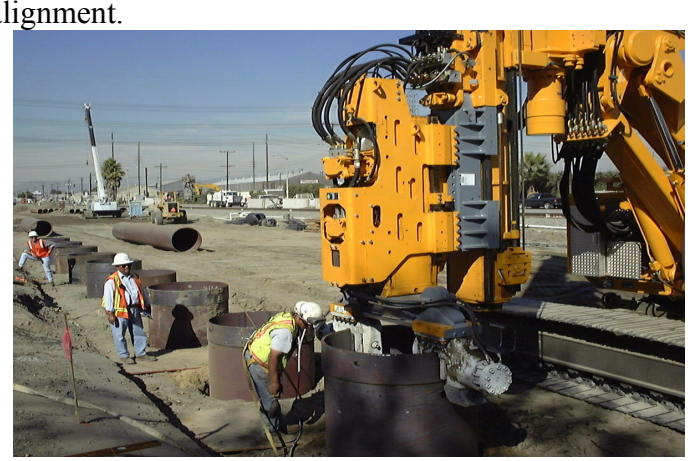
The **ABI MOBILRAM** is frequently used to install combi-walls for harbour and port facilities, either the combination **sheet-pile-tubular piles** or **sheet-piles-beams.** The **ABI** equipment we offer will enables you to pitch, set and drive the tubular or beam piles as well as the sheet piles very accurately. If soil investigation report indicates difficult soil formation the ABI Mobilram can also be used for pre-augering to release the soil prior to driving the piles into the ground. In the event that impact driving is also required, then a DELMAG diesel pile hammer can be attached to drive the piles to final grade!

The way we envisage the driving procedure is as follows:

The ABI Mobilram with MRZV 30 VV and MZK 1250 universal clamp assembly Vibrator is pitching and raising the pile sections from the Horizontal to the Vertical

This is possible for both types of piles, King piles and fill piles. The sheet piles will be taken as pairs or triples to speed up the operation.

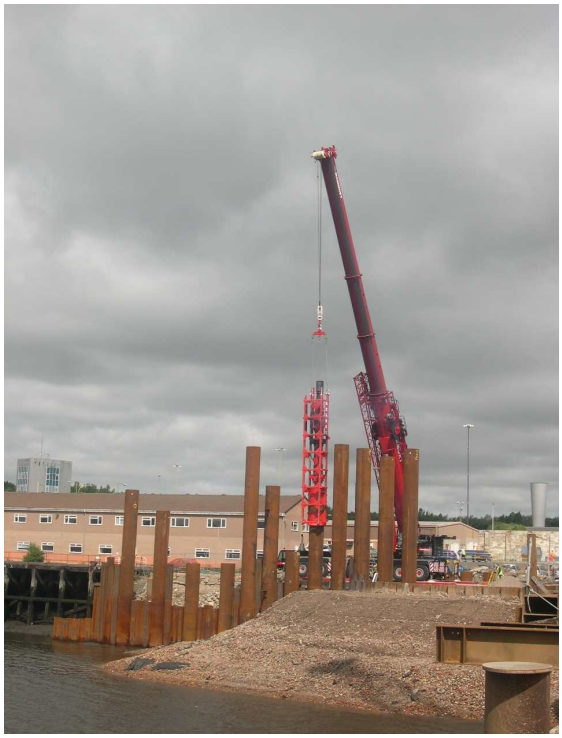
The piles then will be positioned with ABI MOBILRAM TM20 featuring an articulating mast for perfect orientation an alignment.



For the sectional tubular piles with weld on interlocks its very important to have this feature!

The photo below shows the appearance with the sheet piles between the pipe piles.

The hard driving of the second section of the tubular piles will be done by the Impact hammer hanging of suitable size crane.



In rather high blow count soil formation we offer our Delmag diesel pile hammers with drive cap to suit the dia. Of the tubular King piles.

Please note also that the ABI MOBILRAM TM can also be equipped with an rotary to release the soil formation in case of refusal of the pile prior to final depth.

Our idea is to safe the need for pile frames as you would need them if the work is tackled traditionally. Further, less man power is needed and the job is much safer done in a shorter period of time.

Please have a look at our proposal and we would be happy to hear back from you in the near future.

Thank you very much for you kind consideration.

With kindest regards

T. Merz