

ABI MOBILRAM TM 20 LR

LR stands for Long Reach. The versatile TM 20 LR machine has a significantly greater reach than a standard TM 20. The Long Reach machine was primarily designed with a focus on the execution of pile driving work in which the machine is below or above the work platform, e.g. wherever the piling elements have to be installed in an embankment, on roads, motorways etc.

The carrier unit SR 35 in HD version with 470 kW serves as the base. The **extended reach of over 8 meters** was achieved by making modifications to the kinematics connection.

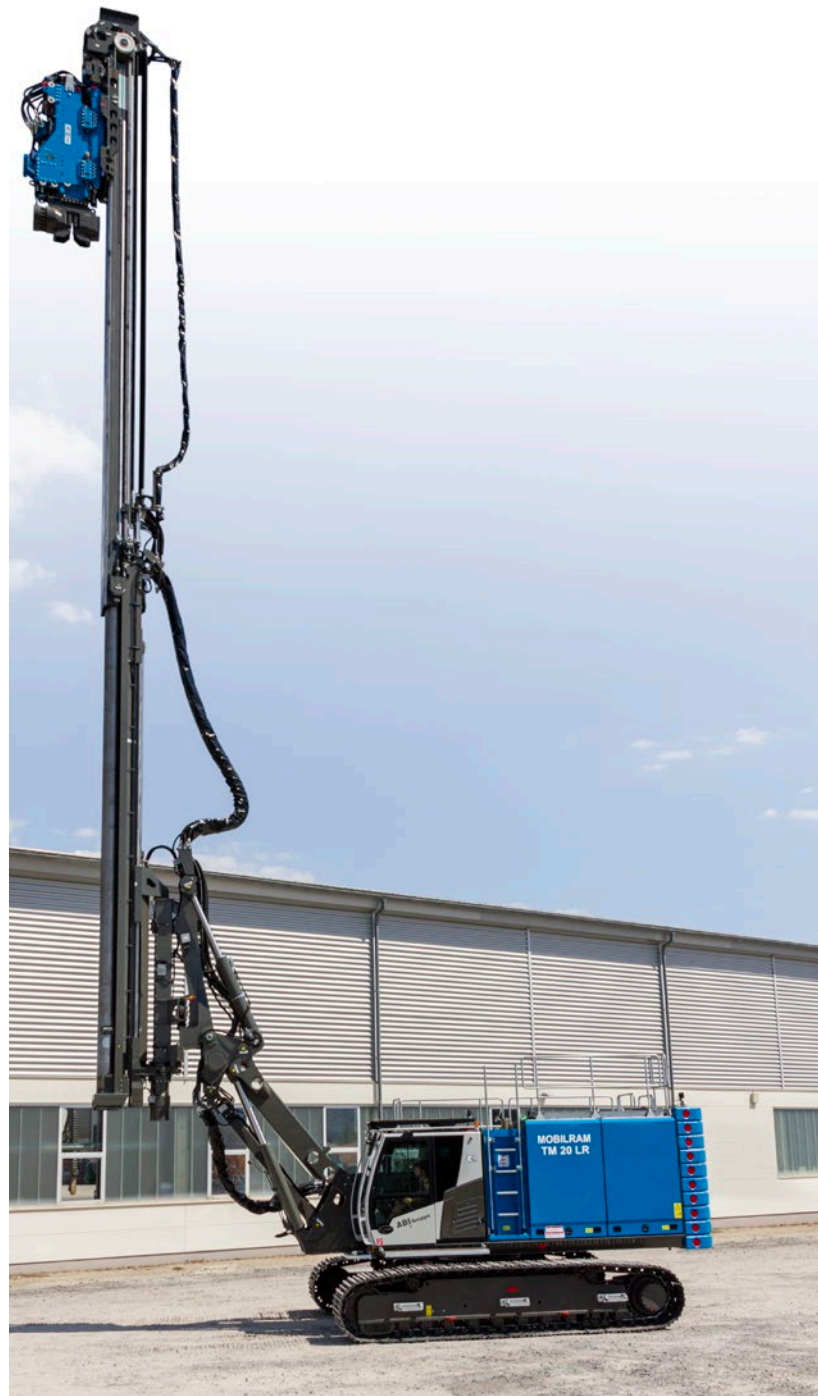


The machine complies with the EU Stage V and US EPA Tier 4 final emissions regulations. The installed C18 engine is already very efficient in itself; the diesel consumption is further reduced by utilizing the Efficiency Drive control package.

In order to be able to achieve the extended reach in a stable manner, the telescopic undercarriage T41/380-V with suitable ballast in the form of stackable counterweight segments

were selected for the TM 20 LR. The short stackable counterweights ensure a small tail swing radius.

The maximum load capacity is 13,000 kg and encompasses the complete 360 degree working range of the machine and over the entire travel of the attachment guide carriage. The reach is dependent on the number counterweight segments installed.







The installed engine capacity is ideal for the operation of vibrator models from MRZV 20VV with 20 kgm static moment. Via the VV technology, the static moment and the hydraulic displacement can be optimally adapted to the

site conditions in order to achieve the best possible pile driving progress. The MDBA 7000 auger drive can be attached for light drilling works or for pre-drilling if required.

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