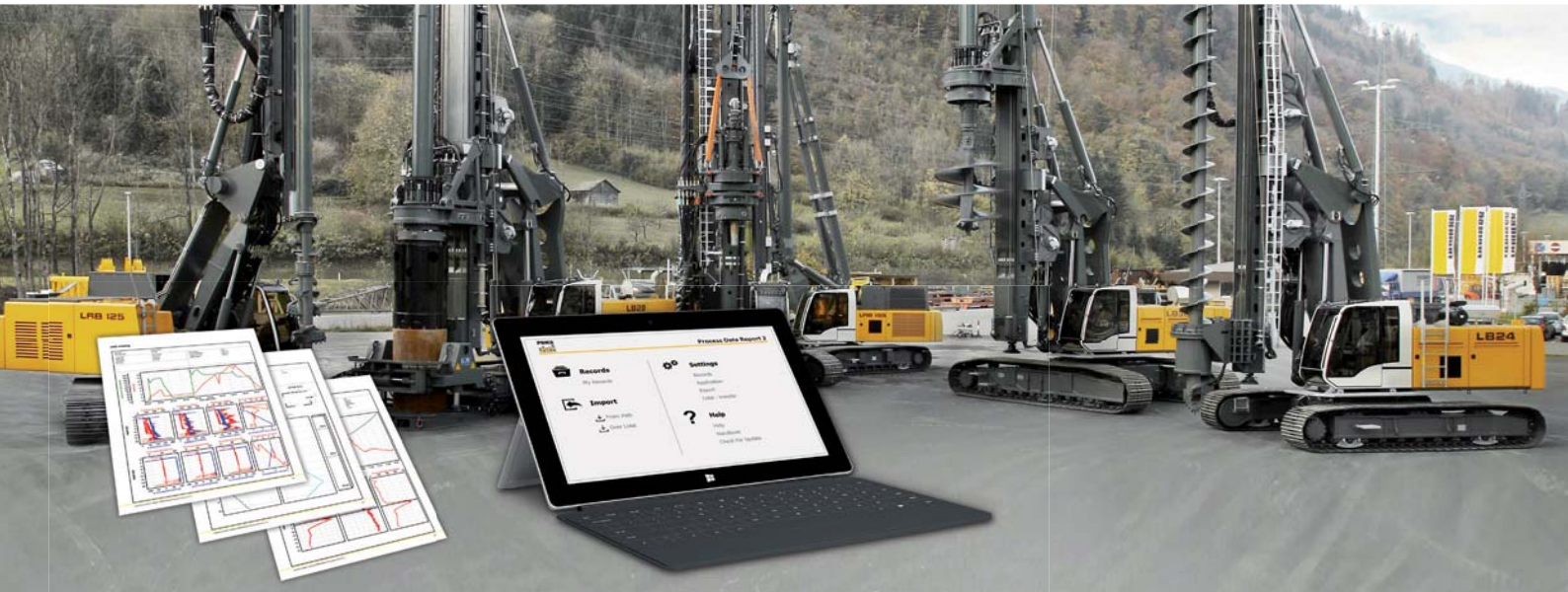


PDE® / PDR2



Process Data Recording PDE®

The PDE® process data recording system is available for Liebherr machines of the LB, LRB, LRH and HS series and serves to electronically record and visualize the process data. Operation and display is carried out via the PDE® colour touchscreen in the operator's cab. The PDE® records process data from the Litronic control system (e.g. pressure or rope length measurement) as well as data from external sensors (e.g. frequency transmitter or concrete pressure transmitter). Depending on the working process the data are interlinked and stored on a CompactFlash (CF) memory card together with individually configurable details (such as jobsite name, pile number, date, time etc.).

Process Data Reporting PDR2

PDR2, the process data reporting software, enables comprehensive data evaluation and report generation on a PC.

Recordings management: The recordings generated by the PDE® system can be imported, either directly from the CompactFlash (CF) memory card or via the Liebherr telematics system LiDAT®, and managed in PDR2. Various filter functions facilitate the sorting of imported recordings.

Viewing data: The data in each record is displayed tabularly. Combining several recordings provides results, for example, regarding the total concrete consumption or the average depth. Furthermore, a diagram editor is available for quick analysis.

Application: Currently the following deep foundation applications can be evaluated using PDR2: Kelly drilling, continuous flight auger drilling, double rotary drilling, vibrating, impact driving, pressing, wet soil mixing, hydraulic slurry wall grab, dynamic soil compaction, full displacement drilling as well as cycle counter for HS and LR machines.