

## KLEMM's new KR 704-3G

KLEMM Bohrtechnik has started the market launch of its newly developed drilling rig – the KR 704-3G, which it describes as the next generation within the proven and widely used KR 704 series.

Designed for challenging drilling operations in urban environments and also within existing buildings, the new model, which is powered by a 55kW diesel engine that meets the latest EU and US standards, scores with high performance, compact dimensions and low weight.

The option to use telescopic drill masts and the low base carrier width of 950mm makes the KR 704-3G ideal for drilling operations in difficult surroundings with narrow

doorways and low ceiling heights.

The kinematics of the drill mast allows a lateral pivoting of the drilling axis (+/- 45 degrees), which improves manoeuvrability and allows drilling points in building corners to be reached. Special civil engineering tasks, in particular micropiles, for foundations and the underpinning of existing foundations with high-pressure injection columns can be carried out under difficult conditions.

The hydraulic system of the rig is equipped with a load-sensing pump and a load-independent volume flow control. The system pressure for the drilling functions was increased to 350-bar. This concept also

permits the operation of a hydraulic drifter.

All functions are radio remote controlled as standard, which offers numerous advantages for operating personnel when working in confined spaces. The system complies with EN 16228, whereby Special Protective Mode is available for work without a separating protective device under special conditions and Restricted Operation Mode is available for drill rod changes.

Like almost all KLEMM drilling rigs the

KR 704-3G features the Energy-Efficiency-Package. Fuel consumption and noise emissions are considerably reduced. The functional safety of the machine controls complies with performance level C (ISO 13849), making it extremely resistant to faults and failures.

*The new KLEMM  
KR 704 3G*

