

## PILING DRILLS

# PRODUCT RANGE

The suitable MOVAX piling drill-model is selected based on the soil & site conditions, the excavator and the main dimensions (diameter and depth) of the cast-in-situ piles to be bored.

### Excavator (carrier)

The excavator must be suitable – and match – the specific piling drill in question in regards to hydraulic power (oil flow @ pressure). Thus the excavator brand & model is needed for the correct selection of model.

### Soil conditions

Piling drills are suitable for a wide range of soil conditions. In order to make a detailed analysis of the suitability of a MOVAX model for a specific project a soil report is needed.

### Type & dimension of piles

In order to select the correct MOVAX model, the dimensions (diameter, depth) are needed. Due to the modular design the same MOVAX side grip pile driver can be used to drill different size (OD) of piles. In case of casing the dimensions (diameter, length) are needed.

### Site conditions

MOVAX side grip pile drivers are the optimum solution for sites with limited access, space or headroom.

## SELECTION CHART (preliminary)

EXCAVATOR CLASS/ PILE SIZE (depth)	24-35 ton	(30) 35-50 ton	35-50 ton
6 m x 2800 kg 12 m x 1900 kg 16 m x 1300 kg	<b>TAD-32/TAD-51</b>	<b>KB-70S</b>	<b>KB-70L</b>
<b>SUITABLE PILES</b>			
Sheet piles / (trench sheets)*	400-1000 mm clay, rock	420-1500 mm clay, rock	420-1500 mm clay, rock

### NOTE!

*When making the final selection the excavator engine size and hydraulic system design (oil pump arrangement, oil flow rate/pressure etc), excavator lifting capacity and stability and soil and site conditions shall be taken into account.*