

# PILE DRIVERS

## SG-75V

### FEATURES

- Designed to match the capabilities of larger excavators and to combine a robust structure with excellent pile handling characteristics.
- Fitted with heavy-duty arms/clamps capable of driving a wide range of piles including sheet piles, H-piles, tubular steel piles and other pile sections.
- High frequency pile driver with variable eccentric moment. Disturbance of the surrounding environment is minimised by operating at a high frequency and thus avoiding an oscillation of the soil and the surrounding structures at their natural frequencies.
- Based on the Movax Modular System (MMS™). The unit is always equipped with one of the standard arm/clamp systems and the bottom clamp. Customised arms and clamps are available upon special request.
- Controlled with the MOVAX Control System (MCS™)
- Available with the MOVAX Information Management System (MIMS™)



### TECHNICAL DATA

|                                       |       |             |
|---------------------------------------|-------|-------------|
| Weight (excl. adapter) *              | kg    | 3500 - 3750 |
| Height                                | mm    | 2615        |
| Depth                                 | mm    | 1290 - 1665 |
| Width                                 | mm    | 1270        |
| Engine power, min, Tier III / Tier IV | kW    | 184 / 200   |
| Return pressure, max                  | bar   | 5           |
| Pressure setting                      | bar   | 350         |
| Frequency                             | 1/min | 2300 - 3000 |
| Eccentric moment                      | kgm   | 7.6         |
| Centrifugal force, max                | kN    | 750         |
| Ground vibration                      |       | Low         |
| Resonance-free start/stop             |       | Yes         |
| Driving method                        |       | Vibration   |
| Side tilt angle                       | °     | +/- 0       |
| Swing angle                           | °     | +/- 360     |
| Tilt angle                            | °     | +/- 30      |

\* with standard bottom clamp, exact weight depends on the side arm/clamp system

### SUITABLE PILES

#### TYPES AND DIMENSIONS

|                       |          |           |
|-----------------------|----------|-----------|
| Sheet pile            | width mm | 400-1200  |
|                       | depth mm | 265       |
| Timber pile           | mm       | Ø 160-420 |
| Tubular pile, tubes * | mm       | up to 762 |
| H-beam                | size     | H100-H500 |

\* up to 1220 mm diameter with modular tube arms and tandem bottom clamp



#### LENGTH & WEIGHT

|              |
|--------------|
| 6m / 2800kg  |
| 12m / 1900kg |
| 16m / 1300kg |