

# SIDE GRIP PILE DRIVERS

## SG-45

### 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 fixed eccentric moment.
- 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	2390-2690
Height	mm	2530
Depth	mm	1180-1436
Width	mm	1193
Frequency	1/min	2300-3000
Eccentric moment	kgm	4,6
Centrifugal force, max	kN	450
Ground vibration		normal
Resonance-free start/stop		no
Driving method		vibration
Swing/tilt angle	°	360 / ±30
Return pressure, max	bar	5
Pressure setting	bar	350
Excavator class	t	20-24
Engine power, min TIER III / TIER IV	kW	100/120

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

### SUITABLE PILES

#### TYPES AND DIMENSIONS

Sheet piles	width	400-1200 mm
	depth	265 mm
H-beams	size	H180-H500
Timber piles	size	Ø 160-420 mm
Tubular piles, tubes*	size	up to Ø 762 mm

\*up to Ø1220 mm with modular tube arms and tandem bottom clamp



#### LENGTH & WEIGHT

8 m x 2 300 kg

12 m x 1 600 kg

16 m x 1 200 kg