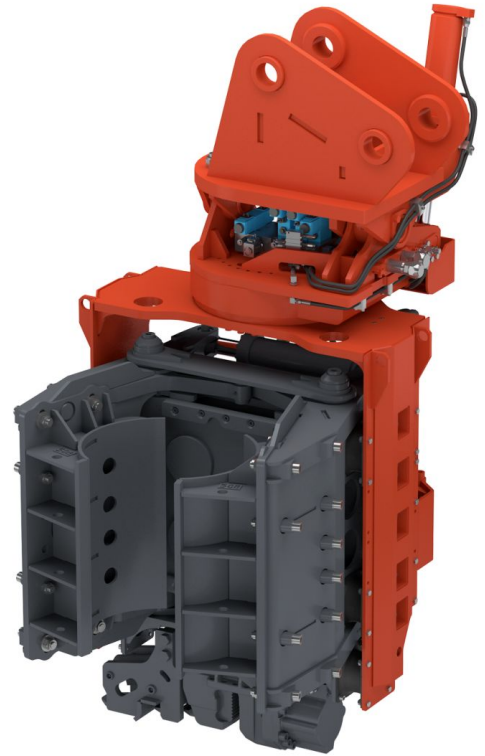


SG-45V

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™); MCS Lite, MCS Pro or MCS Pro+auto.
- Available with M-logbook™ for documentation and reporting (optional, requires MCS Pro or MCS Pro+auto).



TECHNICAL DATA

Weight (excl. adapter)	kg	2422
Width	mm	1193
Centrifugal force, max	kN	450
Depth	mm	1180 - 1436
Driving method		Vibration
Eccentric moment	kgm	4.6
Engine power, min	kW	100
Frequency	1/min	2300 - 3000
Ground vibration		Low
Height	mm	2478
Pressure setting	bar	350
Resonance-free start/stop		Yes
Return pressure, max	bar	5
Side tilt angle	°	+/- 0
Swing angle	°	+/- 360
Tilt angle	°	+/- 30

SUITABLE PILES

TYPES AND DIMENSIONS

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



LENGTH & WEIGHT

8m / 2300kg
12m / 1600kg
16m / 1200kg