

Movax SG-60V

Side Grip Pile Drivers



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. Disturbances 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™)

Options included :

- CW40 adapter
- Sheet piles
- Learn pads
- Manual control system MC5

Rental fee : 780 €/day

Possible options :

- Timber piles arms (on request)
- Tubes arms (on request)
- Full control MCS Pro + auto if rented with our excavator

06/02/2023

Technical data :

Weight (excl. adapter)*	kg	2650-2950
Height	mm	2550
Depth	mm	1180-1436
Width	mm	1193
Eccentric moment	kgm	6,1
Centrifugal force, max	kN	600
Frequency	1/min	2300-3000
Ground vibration		low
Resonance-free start/stop		yes
Driving method		vibration
Swing/tilt angle	°	360 / ±30
Return pressure, max	bar	5
Pressure setting	bar	350
Excavator class	t	28-32
Engine power, min TIER III / TIER IV	kW	135/160

* 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	H100-H500
Timber piles	size	Ø 160-420 mm
Tubular piles, tubes*	size	up to Ø 762 mm

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

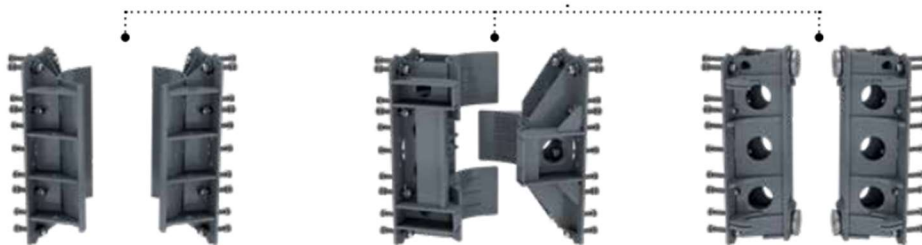


LENGTH & WEIGHT

8 m x 2 300 kg

12 m x 1 800 kg

16 m x 1 200 kg



TUBE CLAMPS

for tubular steel piles from OD 88.9 mm up to OD 323.9/508/762 mm:

SG-45(V)...SG-75(V)

Ø 88.9-762 mm

SG-30N...SG-40N

Ø 88.9-508 mm

SG-15N

Ø 88.9-323.9 mm

Standard sizes

Ø 88.9	Ø 168.3	Ø 457
Ø 101.6	Ø 219.1	Ø 508
Ø 114.3	Ø 273	Ø 610
Ø 127	Ø 323.9	Ø 711
Ø 139.7	Ø 406.4	Ø 762

Customised sizes are available by request.

TIMBER CLAMPS

for timber piles from OD 100/120/160 mm up to OD 300/325/600 mm:

A range of timber pile sizes can be driven with the same timber clamps.

Standard sizes

SG-45 (V) ... SG-75 (V)

Ø 160-420 mm & Ø 430-600 mm

SG-30N - SG-40N

Ø 120-250 mm & Ø 220-325 mm

SG-15N

Ø 100-200 mm & Ø 200-300 mm

Available also for square timber piles.

Customised sizes and f.ex clamps for square timber piles are available by request.

SHEET PILE CLAMPS

for sheet piles and H-beams/tubular steel piles from OD 88.9 mm to OD 273 mm:



SHEET PILE PADS

SG-45 (V) ... SG-75 (V)

w 400-1200 mm/H100-H500

SG-30N...SG-40N

w 400-1200 mm/H100-H400

SG-15N

w 400-600 mm/H100-H300

TUBE PADS

Standard sizes

Ø 88.9	Ø 139.7
Ø 101.6	Ø 168.3
Ø 114.3	Ø 219.1
Ø 127	Ø 273

CUSTOMISED PADS

for rail tracks etc profiles

Customised sizes are available by request.



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