

Sms vibratory hammers

- ▶ WWW.SMSVIBRO.COM
- ▶ SALES@SMSVIBRO.COM
- ▶ WHATSAPP : +90 554 692 57 51
- ▶ PRODUCED IN TURKEY SINCE 1950





SMS is the developer and manufacturer of excavator-mounted vibratory pile drivers - and the new generation of side grip technology.

“SMS Pile Drivers – Engineered with cutting-edge technology, built with unmatched durability, and trusted worldwide for superior performance.”

Every SMS vibratory pile driver is patented and built with proprietary high-quality components, making them simple, robust, and highly efficient.

Our vibratory pile drivers are engineered with state-of-the-art technology and manufactured with exceptional durability, ensuring maximum reliability even under the toughest working conditions.

A key advantage lies in the unique dual-line oil feeding system for bearings and gearbox, which guarantees extended lifetime, minimizes wear, and allows the machine to operate for long periods without overheating.

With their distinctive design and superior engineering, SMS pile drivers stand out in the global market, offering unmatched performance and setting new standards against competitors worldwide.

“Unlike any other brand, SMS Vibratory Hammers are 100% in-house engineered and manufactured with a unique design and cutting-edge technology, delivering quality that surpasses many globally recognized brands — all at competitive, customer-friendly prices that let you gain value from the very first purchase.”



SMS PARS SIDE GRIP VIBRO HAMMER SERIES

“Break limits, not your budget – only with SMS.”



Pars SGL Series – Side Grip Sheet Pile Drivers

The **SGL series side grip vibratory hammers** are specifically designed for driving **sheet piles, I-beams, and H-beams**.

They feature a **fixed clamp side grip design** and are available in different power ranges to match **various sizes of excavators**.

Designed to work on any and all wheeled and crawler-type excavators and rail roaders by utilising and commanding the standard auxiliary hydraulics and/ or by connecting to the electronic control of the excavator

Available Ranges:

- SGL 30
- SGL 40
- SGL 60
- SGL 80
- SGL 100

DATA		SGL 30	SGL 40	SGL 60	SGL 80	SGL 100
Eccentric Moment	kgm	3.1	4,6	6,4	8,4	10,2
Centrifugal Force	kN	310	450	545	615	750
Frequency	1/min	3000	2800	2300-3000	2300-3000	2300-3000
Weight full	Kg	1750	2400	3100	3600	3700
Length	mm	1280	1350	1275	1500	1350
Width	mm	1220	1100	1150	1250	1290
Height	mm	2400	2500	2700	2800	3000
Flow	Lt/min	120	170	204	240	280
Pressure Max	bar	300	300	300	300	300-350
Power	kw	65	95	125	140	185
Hydromotor		F12-40	F12-30 x 2	F12-40 x 2	F12-40 x 2	F12-40 x 2
Oil Pump		Yes	Yes	Yes	Yes	Yes
Cylinders		3	3	3	3	3
Swing/Tilt angle		360-30	360-30	360-30	360-30	360-30
Modular System		No	No	No	No	No
Excavator Class	Ton	13-18	20-28	28-32	33-40	38 tons and over
Sheet Pile	m/kg	8x2300	8 x 2300	8 x 2300	6 x 2800	8 x 2800
		12x1800	10 x 1800	12 x 1800	12 x 1900	12 x 1900
			12 x 1200	14 x 1200	16 x 1300	16 x 1300
H beam		H100-H500	H100-H500	H100-H500	H100-H500	H100-H500
Excavator Class		13-18	20-28	28-32	33-40	38 tons and over



Pars SGH Series – Sidegrip Pipe/ Tubular Vibratory Hammers

The **SGH series side grip pipe vibratory hammers** are specifically designed for driving pipes of various diameters.

With their **robust body and arms**, they are capable of driving pipes up to **12–14 meters in length**.

Using **specially designed adapters integrated within the machine**, the hammer can be adjusted to accommodate different pipe diameters. Each unit can handle a specific range of pipe sizes, and with the help of these adapters, precise diameter adjustments can be made to ensure efficient and safe pipe driving operations.

Designed to work on any and all wheeled and crawler-type excavators and rail roaders by utilising and commanding the standard auxiliary hydraulics and/ or by connecting to the electronic control of the excavator

Available Ranges:

- SGH 30
- SGH 40
- SGH 60
- SGH 80
- SGH 100

DATA		SGH 30	SGH 40	SGH 60	SGH 80	SGH 100
Eccentric Moment	kgm	3.1	4,6	6,4	8,4	10,2
Centrifugal Force	kN	310	450	545	615	750
Frequency	1/min	3000	2800	2300-3000	2300-3000	2300-3000
Weight full	Kg	1750	2400	3100	3600	3700
Length	mm	1280	1350	1275	1500	1350
Width	mm	1220	1100	1150	1250	1290
Height	mm	2400	2500	2700	2800	3000
Flow	Lt/min	120	170	204	240	280
Pressure Max	bar	300	300	300	300	300-350
Power	kw	65	95	125	140	185
Hydromotor		F12-40	F12-30 x 2	F12-40 x 2	F12-40 x 2	F12-40 x 2
Oil Pump		Yes	Yes	Yes	Yes	Yes
Cylinders		3	3	3	3	3
Swing/Tilt angle		360-30	360-30	360-30	360-30	360-30
Modular System		No	No	No	No	No
Excavator Class	Ton	13-18	20-28	28-32	33-40	38 tons and over
Tube Lengths M		4 – 6	4 -6-8	4 -6-8-10	4-6-8-10-12	4-6-8-10-12-14
Size of Tube		Ø 90 - Ø 325	Ø 80 mm - Ø 426	Ø 90 mm - Ø 550	Ø 90 mm - Ø 780	Ø 90 mm - Ø 1000
Excavator Class		13-18	20-28	28-32	33-40	38 tons and over



Pars SGM Series – Sidegrip Pipe Modular Vibratory Hammers

The **SMS SGM Modular System** allows a single SMS side grip pile driver to handle a **wide variety of pile types**, including **sheet piles, H-beams, tubular steel piles, and timber piles**.

With **interchangeable , clamps**, the system enables **quick, effortless, and efficient adaptation** to different pile types, maximizing versatility and productivity on every job site.

Versatile Modular Clamps – One System, Every Pile

Sheet Pile Clamps: Perfectly engineered for **sheet piles and H-beams**,

Tube Clamps: Designed to drive **tubular steel piles up to OD 780 mm**, with **size-specific clamps** ensuring maximum performance and safety.

Timber Clamps: Drive both **round and square timber piles** effortlessly. One set covers a range of round piles, while square piles receive **custom-fit clamps** for flawless results.

With SMS Modular Arms, you get unmatched flexibility, efficiency, and precision — all in a single side grip pile driver.

Available Ranges:

SGM 15

SGM 30

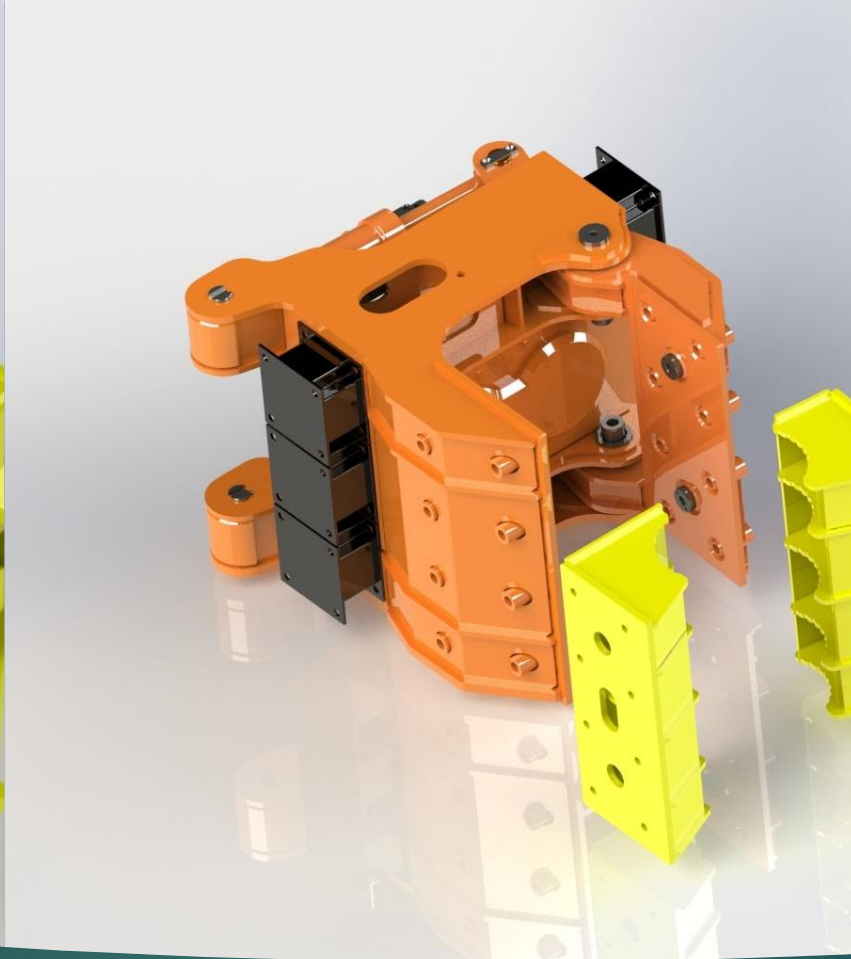
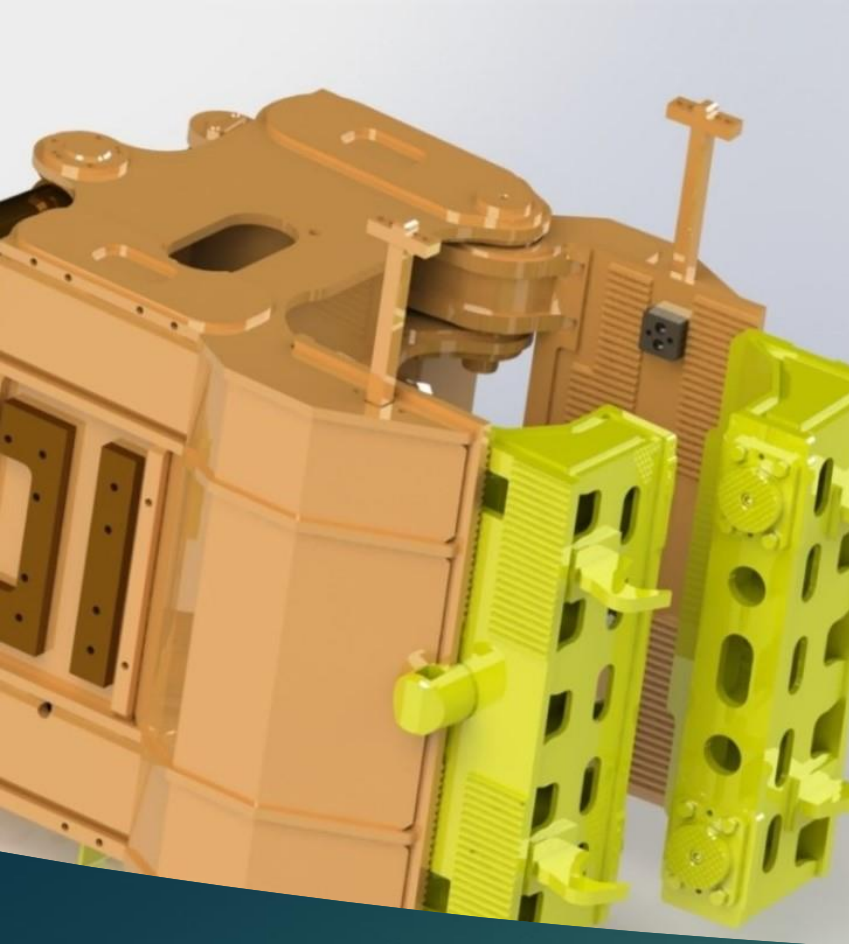
SGM 40

SGM 60

SGM 80

SGM100

DATA		SGM 15	SGM 30	SGM 40	SGM 60	SGM 80	SGM 100
Eccentric Moment	kgm	1,1	3,1	4,6	6,4	8,4	10,2
Centrifugal Force	kN	100	310	450	545	615	750
Frequency	1/min	3000	3000	2800	2300-3000	2300-3000	2300-3000
Weight full	Kg	1300	1750	2400	3100	3600	3700
Length	mm	910	1280	1350	1275	1500	1350
Width	mm	950	1220	1100	1150	1250	1290
Height	mm	1990	2400	2500	2700	2800	3000
Flow	Lt/min	120	120	170	204	240	280
Pressure Max	bar	300	300	300	300	300	300-350
Power	kw	48	65	95	125	140	185
Hydromotor		F12-30	F12-40	F12-30 x 2	F12-40 x 2	F12-40 x 2	F12-40 x 2
Oil Pump		Yes	Yes	Yes	Yes	Yes	Yes
Cylinders		3	3	3	3	3	3
Swing/Tilt angle		360-30	360-30	360-30	360-30	360-30	360-30
Modular System		Yes	Yes	Yes	Yes	Yes	Yes
Excavator Class	Ton	8-12	13-18	20-28	28-32	33-40	38 tons and over
Sheet Pile	m/kg		8x2300	8 x 2300	8 x 2300	6 x 2800	8 x 2800
			12x1800	10 x 1800	12 x 1800	12 x 1900	12 x 1900
				12 x 1200	14 x 1200	16 x 1300	16 x 1300
H beam			H100-H500	H100-H500	H100-H500	H100-H500	H100-H500
Tube Lengths M			4 – 6	4 -6-8	4 -6-8-10	4-6-8-10-12	4-6-8-10-12-14
Size of Tube			Ø 90 - Ø 325	Ø 80 mm - Ø 426	Ø 90 mm - Ø 550	Ø 90 mm - Ø 780	Ø 90 mm - Ø 1000



CLAMPS FOR SGM MODULAR SIDE GRIP VIBRATORY HAMMERS

Our **patented Dovetail System** offers a stronger and smarter clamp design. With its large bonding surface, it resists high pressure forces while allowing easy jaw attachment and removal — without the need for multiple pins and bolts.

Unlike conventional systems that require numerous fasteners to hold clamps and profiles securely, the Dovetail System provides a **simpler, stronger, and more efficient solution**, completely eliminating these problems.

SMS EXCAVATOR MOUNTED STANDART VIBRATORY HAMMERS

“BREAK LIMITS, NOT YOUR BUDGET – ONLY WITH
SMS.”





Sms EMV S series Vibratory Hammers

The **SMS EMV series** of excavator-mounted vibratory hammers with fixed eccentric moment has **proven its reliability across numerous construction projects** and has been **continuously refined over the years**. These machines are **easy to operate**, featuring a **robust, compact design, long service life**, and outstanding **versatility**.

Combined with **SMS's specially engineered extension booms**, they are capable of driving **various profiles up to 12 meters in length**, expanding their capabilities for even the most demanding projects.

Available Ranges:

- S 10
- S 20
- S 30
- S 40
- S 60
- S 70
- S 80
- S 120

DATA		S 10	S 20	S 30	S 40	S 60	S 80	S 120
Eccentric Moment	kgm	0,7	2,2	3,1	4,1	6,3	8,4	12,3
Centrifugal force	kN	90	250	310	380	480	604	800
WeightFull	Kg	450	850	850	1230	1350	2150	2600
Length	Mm	885	1100	1100	1000	1000	1190	1700
Width	Mm	490	1025	1025	1400	1400	1650	1850
Height	mm	1080	625	625	700	750	800	875
Flow		90	95	120	171	204	275	290
Pressure		350	300	300	300	300	300	300
Power		60	65	70	100	120	165	180
Frequency	1/min	3000	3000	3000	3000	2500	2500	2500
Excavator	ton	7-10	11-15	15-20	20-28	28-32	32-38	38-50

EMV S SERIES VIBRATORY HAMMERS



