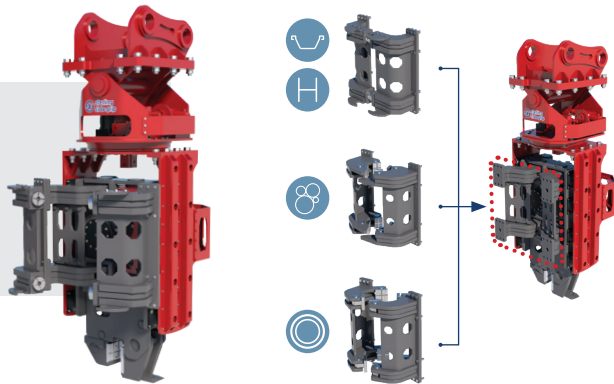


# STERLING SIDE GRIP

Side grip type excavator-mounted vibratory pile driver

## Features for Sterling Side Grip

- Available for a wide ranges of piles
  - Sheet piles, H beams, I-H beams, and round-piles
- Versatile piling at headroom job site
- Versatile piling at a confined space job site
- Precise and accurate side clamping
  - 360-degree Swivel rotatable jaws enable precisely and accurately clamping
- Quicker and more powerful
  - Faster penetration and extraction than other side grip pile drivers thanks to bigger and double eccentric weight
- Low maintenance cost & easy maintenance
  - Concise structure of components
- Rigid and durability
  - Double bearings, balanced counter weights and rigid rubber cushion



Model	Unit	SG25	SG30
Suitable Excavator	ton	20 ~ 30	30 ~ 45
Bottom Jaw open	mm	65	65
Min Pile Grip dia	mm	150	150
Max Pile Grip dia	mm	500	500

※ Specifications above are subject to change without notice.

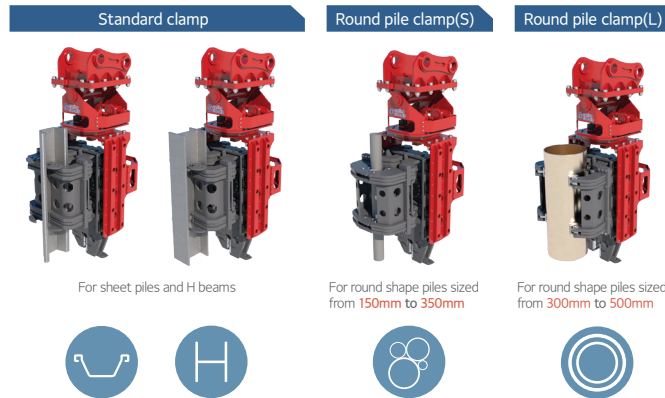


# SELECTION GUIDE

The following clamp selection guide provides the general guidelines for selecting the correct clamp for the different types and sizes of piles

## Interchangeable clamp option

Thanks to its interchangeable side clamp system, the Sterling Side Grip pile driver can handle all types of piles with its multiple clamps, and it offers quick transfer capability between various applications. Round pile clamp(S) and round pile clamp(L) are an option.



## SELECTION TABLE

Model	30-45ton	28-30ton	20-26ton	17-20ton	
Pile size(length / weight)					
6m/2800kg	SG30				
12m/1900kg					
16m/1300kg					
8m/2300kg		SG30 SG25	SG25		
12m/1800kg					
16m/1200kg					
6m/1200kg				SG25	
8m/1000kg					
10m/900kg					
Suitable piles					
Sheet piles	width 400 ~ 1,200mm, depth 265mm				
H-beams / Round-piles	Max 500x300 / Max dia 500mm				

※ Specifications above are subject to change without notice.

# STERLING TECHNOLOGY PRESENTATION & PRODUCT LINE

STERLING PEOPLE!  
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sterling technology

# STERLING RIPPER

**Sterling Ripper literally means excellent and outstanding rock breaking equipment!**

- **Unique Cartilage-link structure and double bearing structure of Sterling Ripper**
  - Maximizing productivity and minimizing down time by on-site parts replacement
  - Minimizing vibration transmitted to excavator and operator even at hard-rock
  - Keeping constant and high productivity at hard-rock job site
  - Rigid and higher durability at hard-rock job site
  - Single Sterling Ripper body has three optional tools
  - You can simply change it at site any time depending on rock types and various application

Tip(Tooth) Type



Compactor Type



Chisel Type



## · Higher productivity than hydraulic breaker

- Higher productivity than hydraulic breaker
- More powerful than other vibratory rippers
- Selective tool options : Three tools for on Ripper
- Minimum noise : Max 90db
- Easy on-site maintenance & low maintenance cost
- Under Water operation without special devices



## JOB APPLICATION

· Significantly wider offering & 4 market segments enable further success!

Mining



Countdown construction



Tunnel construction



Under water operation

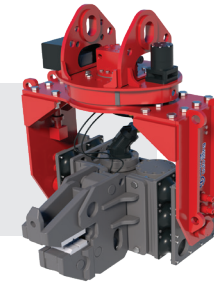


Model	Unit	SR25	SR30	SR40	SR50	SR80
Suitable carrier	ton	20 ~ 25	28 ~ 34	36 ~ 43	46 ~ 60	70 ~ 90
Frequency	bpm	2,500 ~ 3,500	2,500 ~ 3,200	2,000 ~ 2,800	2,000 ~ 2,800	2,200 ~ 2,500
Operating weight*	Kg	180 - 220	180 - 220	210 - 250	210 - 250	240 - 270
2nd relief setting pressure**	Bar	2,620	3,450	4,440	5,600	10,500
Oil Flow	lpm	250	250	280	280	300
Chisel diameter Ø	mm	170 - 200	180 - 220	240 - 280	250 - 310	500 - 560
Dimension (A x B x C)	mm	787 x 1148 x 2,870	863 x 1,321 x 3,231	915 x 1,401 x 3,385	1,060 x 1,554 x 3,665	1,404 x 1,600 x 4,100

※ Specifications above are subject to change without notice.

# STERLING AUTO TILTING HAMMER

**Strong points of Sterling Auto Tilting hammer**



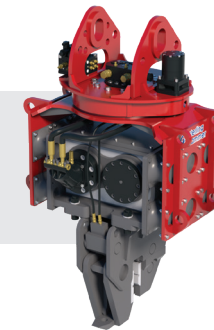
- **More efficient and safer works**
  - 90-degree tilt / 360° hydraulic rotation function enable more efficient and safer works
- **“Auto Hold” function on 90-degree tilting position**
- **Low maintenance cost & Easy maintenance**
  - Compact design with no failure-prone cylinders of tilting function
- **Rigid and durability**
  - Double bearing structure and rigid rubber cushion
- **Low maintenance cost & easy maintenance**
  - Concise structure of components
- **Easy installation & operation**
  - Concise operation electric kits

Model	Unit	SH25 Tilting	SH30 Tilting	SH40 Tilting
Excavator	ton	20 ~ 30	30 ~ 40	40 ~ 55
Weight	kg	1,620	1,910	2,250
Setting pressure	bar	250	250	280
Oil Flow	lpm	170 - 200	180 - 220	240 - 260

※ Specifications above are subject to change without notice.

# STERLING HAMMER

**Strong points of Sterling Auto Tilting hammer**



- **Faster and more powerful**
  - Faster penetration and pulling up than other vibratory hammers thanks to bigger and centered eccentric weight
- **Easy maintenance**
- **Low maintenance cost**
  - Concise structure of components
- **Rotational mounting**
  - 360° hydraulic rotation system
- **Rigid and durability**
  - Double bearing structure and rigid rubber cushion
- **Easy installation & operation**
  - Concise operation electric kits

Model	Unit	SH25	SH30	SH40
Excavator	ton	20 ~ 30	30 ~ 40	40 ~ 55
Weight	kg	1,520	1,810	2,050
Setting pressure	bar	250	250	280
Flow rate	lpm	170 - 200	180 - 220	240 - 260

※ Specifications above are subject to change without notice.