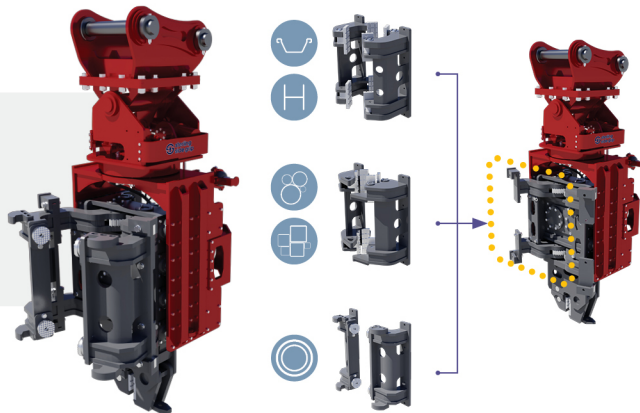


# STERLING SIDE GRIP

## ► Side grip type excavator-mounted vibratory pile driver

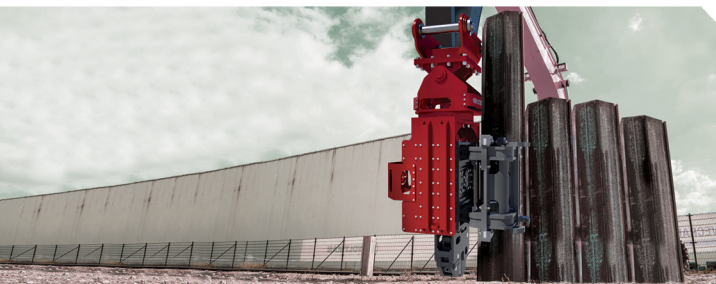
### FEATURES FOR STERLING SIDE GRIP

- **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 grip pads 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**
  - Balanced counter weights and rigid rubber cushion



Model	Unit	SG25	SG30	SG40
Bottom Jaw open	mm / inch		65 / 2.6	
Side clamp open	mm / inch		337 / 13.2	
Min Pile Grip Ø	mm / inch		76 / 3	
Max Pile Grip Ø	mm / inch		609 / 24	

※ Specifications above are subject to change without notice.



# SELECTION GUIDE

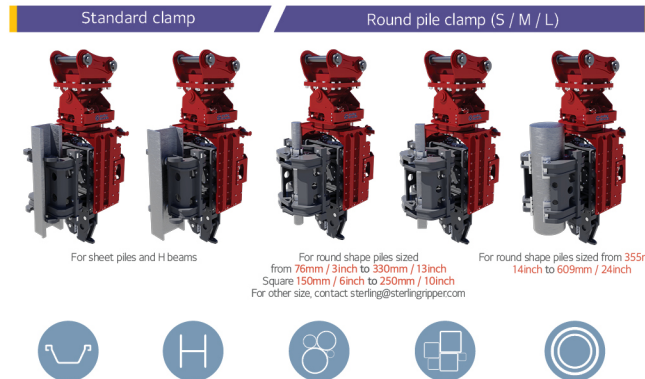
## ► The following clamp selection guide provides the general guidelines for selecting the correct clamp for the different types and sizes of piles

### 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.

### NO NEED TO CHANGE ROUND CLAMP(L) UPTO Ø 609mm

Contact us for bigger than Ø 609mm - [sterling@sterlingripper.com](mailto:sterling@sterlingripper.com)



### SELECTION TABLE

Excavator size	36 ~ 50ton	28 ~ 36ton	20 ~ 26ton
Pile size(length / weight)			
6m / 2,800kg	SG40		
12m / 1,900kg			
16m / 1,300kg			
8m / 2,300kg			
12m / 1,800kg		SG30	SG25
16m / 1,200kg			
6m / 1,200kg			
8m / 1,000kg			
10m / 900kg			
Suitable piles			
Sheet piles	width 400 ~ 1,200mm, depth 265mm		
H-beams / Round-piles	Max 500 x 300 / Max Ø 609mm		

※ Specifications above are subject to change without notice.

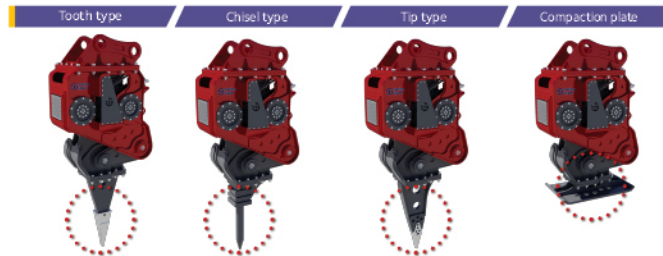
# PRESENTATION & PRODUCT LINE

STERLING PEOPLE !  
STERLING PRODUCTS !  
STERLING SERVICE !



## STERLING RIPPER

- Quiet rock breaking technology! Stress & shock free to excavators and operators!
- Unique Cartilage-link 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



Model	Unit	SR25	SR30	SR40
Suitable carrier	ton	20 ~ 25	28 ~ 34	36 ~ 43
	lb	44,092 ~ 55,115	61,729 ~ 74,957	79,366 ~ 94,798
Operating weight*	Kg	2,620	3,450	4,950
	lb	5,776	7,606	9,789
Chisel diameter Ø	mm	110	120	130
	inch	4.33	4.72	5.12
Dimension (A x B x C)	mm	787 x 1,148 x 2,870	863 x 1,321 x 3,231	915 x 1,401 x 3,385
	inch	30.98 x 45.20 x 112.99	35.47 x 59.09 x 130.19	38.34 x 61.06 x 138.18

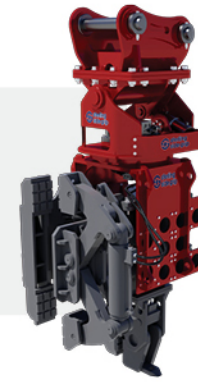
Model	Unit	SR50	SR80
Suitable carrier	ton	46 ~ 60	70 ~ 90
	lb	101,412 ~ 132,277	154,323 ~ 198,416
Operating weight*	Kg	5,600	10,500
	lb	12,346	23,149
Chisel diameter Ø	mm	140	180
	inch	5.51	7.09
Dimension (A x B x C)	mm	1,060 x 1,554 x 3,665	1,404 x 1,600 x 4,100
	inch	44.34 x 67.41 x 152.48	55.28 x 63.00 x 161.42

※ Specifications above are subject to change without notice.



## STERLING SIDE GRIP-W TYPE

- ▶ Side grip type excavator-mounted vibratory pile driver



- Available for a wide ranges of piles
  - Sheet piles, H beams and I-H beams
- Versatile piling at headroom job site
- Versatile piling at a confined space job site
- Precise and accurate side clamping
  - Balanced four pads allows firmly, 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
  - Balanced counter weights and rigid rubber cushion

## SELECTION GUIDE / SHEET PILES & H BEAM ONLY

SELECTION TABLE

Excavator size	25 ~ 36ton	20 ~ 24ton
Pile size(length / weight)		
8m / 2,300kg	SG30W	SG25W
12m / 1,800kg		
16m / 1,200kg		
6m / 1,200kg		
8m / 1,000kg		
10m / 900kg	SG25W	
12m / 8,500kg		
Suitable piles		
Sheet piles	width 400 ~ 1,200mm,depth 250mm	
H-beams	180 x 500mm	

※ Specifications above are subject to change without notice.

Model	Unit	SG25W	SG30W
Weight (Ind. Mounting Cap)	Kg / Lbs	2,620 / 5,776	2,800 / 6,173
Setting Pressure	bar / PSI	300 / 4,350	
Oil Flow	lpm / gpm	150 ~ 170 / 40 ~ 45	180 ~ 220 / 48 ~ 58

※ Specifications above are subject to change without notice.

## STERLING AUTO TILT HAMMER

- ▶ Strong points of Sterling Auto Tilt 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 tilt position
- Low maintenance cost & Easy maintenance
  - Compact design with no failure-prone cylinders of tilt function
- Rigid and durability
  - Durable 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 Tilt	SH30 Tilt	SH40 Tilt
Suitable Excavator	ton	20 ~ 26	28 ~ 36	36 ~ 50
Hammer Weight	Kg / Lbs	1620 / 3,571	1,910 / 4,211	2,250 / 4,960
Setting pressure	bar / PSI	300 / 4,350		
Oil Flow	lpm / gpm	150 ~ 170 / 40 ~ 45	180 ~ 220 / 48 ~ 58	240 ~ 260 / 63 ~ 69

※ Specifications above are subject to change without notice.

## STERLING HAMMER

- ▶ Strong points of Sterling 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
  - Durable bearing structure and rigid rubber cushion
- Easy installation & operation
  - Concise operation electric kits

Model	Unit	SH25	SH30	SH40
Suitable Excavator	ton	20 ~ 26	28 ~ 36	36 ~ 50
Hammer Weight	Kg / Lbs	1,520 / 3,550	1,810 / 3,990	2,050 / 4,519
Setting pressure	bar / PSI	300 / 4,350		
Oil Flow	lpm / gpm	150 ~ 170 / 40 ~ 45	180 ~ 220 / 48 ~ 58	240 ~ 260 / 63 ~ 69

※ Specifications above are subject to change without notice.