

SONIC SIDEGRIP®

WITH ARTICULATING SIDE-GRIPPING JAWS



Hercules Machinery Corporation

Manufacturer and Supplier
of Foundation Equipment.



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THE SONIC SIDEGRIP®

Vibratory Pile Driver is an excavator-mounted attachment with an articulating side grip that speeds the pile driving process on any job site. Manufactured in the U.S.A., the Sonic SideGrip® uses an excavator's hydraulics to safely and quickly pick up, unload, place, drive and extract piling. This innovative pile driver solution is designed to overcome obstacles such as low overhead clearance and narrow passageways, as well as eliminate the need for peripheral equipment to be used in the piling operation.

50'

OF PILE

The Sonic SideGrip® can handle pile up to 50' long, H-beams, pipe pile and wood pile.

360°

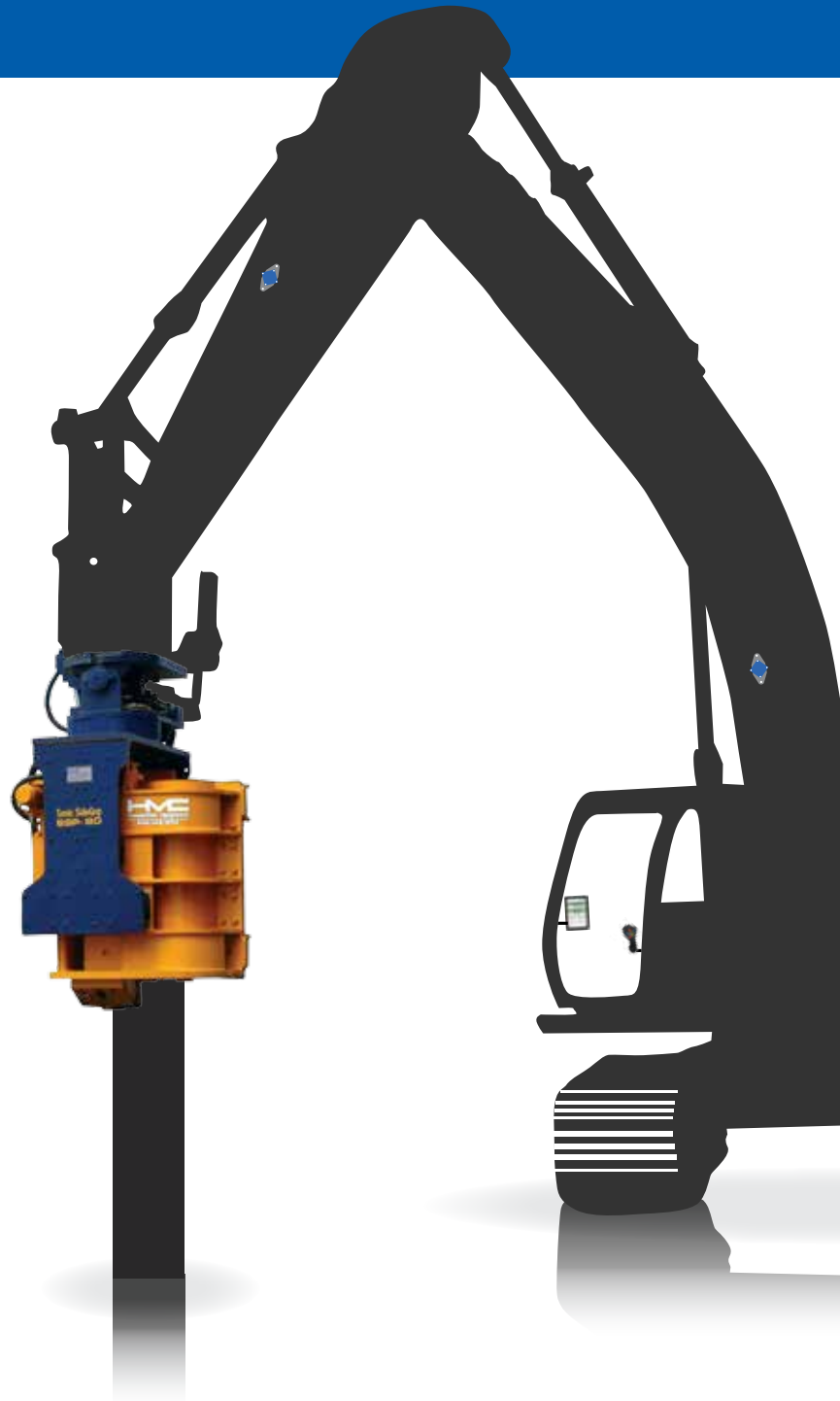
OF ROTATION

The 360° rotation and the three axis of movement allow for full range of motion.

1°

OF PLUMB

Optional Auto II Steering System® utilizes angle sensors to automatically correct the straightness of the pile to within 1° of plumb.





FROM THE GROUND UP

From design to completion- Hercules has designed and developed the Sonic SideGrip® from the ground up while improving and enhancing capabilities, as the industry has grown providing an industry leading pile driving solution.



DESIGNED,
TESTED, ENHANCED
AND PROVEN!



COMPETITIVE BIDDING SOLUTION

The Sonic SideGrip® will give you an edge in every competitive bidding process. Utilizing the side-gripping jaws and auto steering system, the SSG gives you shorter job completion time, reduced job costs, and a higher production rate.

SONIC SIDEGRIP® VIBRATORY PILE DRIVERS



Improves Safety



Quicker Setup Time



Increased Productivity Time



Reduce Equipment Costs



Reduce Mobilization Costs



Higher Production Rate

DIFFERENT PILE TYPES



Sheet Pile



H-Beam Pile



Tubular Pile



Timber Pile

HMC Movax Sonic SideGrip® Vibratory Pile Drivers

SP Series Model Technical Specifications

	SP-40	SP-50	SP-60	SP-80	SP-100
Excavator Class (Ton)	18-20	25	25-30	25-40	30-55
Oil Flow (GPM)	32	40	47	57	62
Net Weight (lbs.)	4,026	4,070	4,114	5,280	5,280
Maximum Tank Pressure (PSI)	72.5	72.5	72.5	72.5	72.5
Maximum Pressure Setting (PSI)	4,000	4,000	4,000	4,450	4,680
Frequency (1/min.)	3,000	3,000	3,000	3,000	3,000
Centrifugal Force (Tons)	40	50	60	80	100
Number of Elastomers	10	10	10	16	16
Machine Height (Inches)	61	61	61	71	71
Rotation/Tilt Angle (Degrees)	360/30	360/30	360/30	360/30	360/30
Number of Eccentrics	2	2	2	4	4

Common Features:

- 1.5" Bottom Plate
- Modular Fixed Jaw
- Adjustable Flow Control-Tilt & Rotate
- Steel Manifold
- 4" Elastomers

US Patent RE37,661



**Proudly Made
in the USA.**

**ONE MAN.
ONE MACHINE.
ONE MOTION.®**

MOVAX
Sonic SideGrip®
Vibratory Pile Drivers



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