

'SD' (Severe Duty) LEVELING WING

SNOWFOE™ Series

Henderson



'SD' Leveling Wing and the Henderson® MUNIBODY™ II.

Extends your one-pass victory over snow and ice to road shoulders.

The 'SD' *severe duty* Leveling Wing complements Henderson® SNOWFOE™ plows, Munibodies and sand and salt spreaders to help you show inclement weather who's boss. It removes or "benches back" heavy snow.

As expected, it's made with the same exemplary design features and build quality as with the complete Henderson snow & ice control product line. This starts with the formed 7 gauge steel moldboard for superior wear and increased strength to withstand the most vigorous winter conditions.

Rather than the skip welds found in most leveling wings, Henderson uses continuous welds exclusively, including the ribs and backer angle, for added structural support.

These continuous welds also prevent moisture from entering inner surfaces. This stops rust before it starts

and helps the 'SD' Leveling Wing keep its striking appearance through the years.

The 'SD' Leveling Wing is easily deployed to reduce crew fatigue. Three hydraulic cylinders provide complete fingertip control of the moldboard's heel and toe. This allows the ultimate in snow removal for varying conditions.

From the 7 gauge reservoir to the nitrided hydraulic piston rods, no detail has been overlooked. We even provide a 10 gauge completely enclosed valve cabinet to protect the hydraulic valves from the environment — something others leave out. These are all reasons the Henderson 'SD' Leveling Wing is one of...

The Dependable Ones

FEATURES & SPECIFICATIONS

Plow Model	10'/11' LWNG	11'/12' LWNG	12'/13' LWNG	13'/14' LWNG
Moldboard	7GA	7GA	7GA	7GA
Length of cutting edge	10'	11'	12'	13'
Length of moldboard	11'	12'	13'	14'
Height of moldboard at nose end	29"	29"	29"	29"
Height of moldboard at discharge	38"	39"	40"	41"
*Additional path cleared	62"	69"	76"	82"
Weight of wing only	1060 lbs.	1160 lbs.	1260 lbs.	1360 lbs.
Weight of wing, front and rear mast and mounting hardware	3480 lbs.	3580 lbs.	3680 lbs.	3780 lbs.

*Mounting configuration must be considered prior to ordering leveling wing to ensure proper additional path cleared.



- Up to 68" benching capability (86" optional).
- Available in 10', 11', 12' and 13' cutting-edge lengths. All have 1/2" x 8" center-punched "reversible" blades.
- The front mast is designed around an 8" structural I-beam, while the rear mast is constructed utilizing a 12" structural I-beam providing superior strength — among the heaviest in the industry to withstand the most rigorous snow conditions.
- The front mast includes a 100" long beam and a 3.5" x 34" stroke cylinder which allows 68" of front mast vertical travel (86" with optional high lift). The rear mast has 43" of travel (55" optional).
- The front mast is removable from the chassis to lighten the front-axle load by approximately 500 lbs. to lessen wear and tear on truck chassis.
- The oil reservoir and valve enclosure are integrated into the rear cabinet mounted directly behind the cab for efficient utilization of space.

- The moldboard has two attachment points for adjusting the clearance/overlap between the wing and the plow moldboards.
- One moldboard shoe is standard on the discharge end of the wing. (Additional shoes are optional.)
- Nitrided cylinders are standard which provides for improved corrosion resistance and enhanced performance characteristics. Nitriding is superior to chrome plating and will not crack or peel.
- All metal surfaces are high-pressure cleaned and phosphate washed before application of high quality catalyzed primer. Moldboard is painted with Highway Orange enamel paint. Mast and other mounting component parts are powder-coat painted black.

SPECIFICATIONS

MOLDBOARD

- Continuous welded with 29" height at intake, 37"-41" at discharge depending on length of moldboard
- Standard cutting edge is 1/2" x 8" C1090 one-piece AASHO center punch
- Overall moldboard is one foot longer than the cutting edge
- Moldboard is formed from 7 gauge steel with 8 flame-cut ribs for extra strength (Additional drive ribs available)
- Top angle is a 2-1/2" x 2-1/2" x 3/8" structural angle
- Moldboard is further reinforced by two full-length horizontal braces made from 3-1/2" x 3-1/2" x 1/2" structural angle

FRONT WING MAST

- 68" benching capability (86" optional)
- Attaches to front-mounted plow hitch for ease of removal
- Fabricated from 8" structural I-beam
- 3-1/2" x 1-1/2" x 34" stroke double-acting hydraulic cylinder with 68" of front slide travel

REAR WING MAST

- Straight or canted beam assemblies available
- Fabricated from 12" structural I-beam
- 3-1/2" x 1-1/2" x 43" stroke double-acting hydraulic cylinder lifts rear of wing (55" stroke for high lift option)
- Removable panel for easy service access to cylinder
- 3-1/2" x 1/2" x 34" stroke hydraulic cylinder lifts heel of wing

RESERVOIR

- 32-gallon capacity, mounted on rear wing post support behind chassis cab
- 7 gauge steel construction

OPTIONS

- High-lift front mast — a 116" long beam and 3.5" x 43" stroke cylinder for 86" of front mast vertical travel
- High-lift rear mast — 3.5" x 55" stroke cylinder
- Carbide cutting edges
- Wing shoes for the nose end of the cutting edge
- Additional drive rib option on 11'-13' cutting edge lengths
- Sight marker
- Full Moldboard Trip
- Adjustable Cutting Edge Trip



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