

## Henderson puts you in the fast lane with your snow and ice control program.

Whether it be city, rural or interstate highway snow and ice control, the Henderson SNOWFOE Series reversible plow takes an adversarial attitude toward the most demanding conditions. This entry into the snow and ice control field comes with an impressive pedigree: Henderson has long been recognized as a leader in spreaders and pre-wetting equipment, and the Mark Series of dump bodies is legendary.

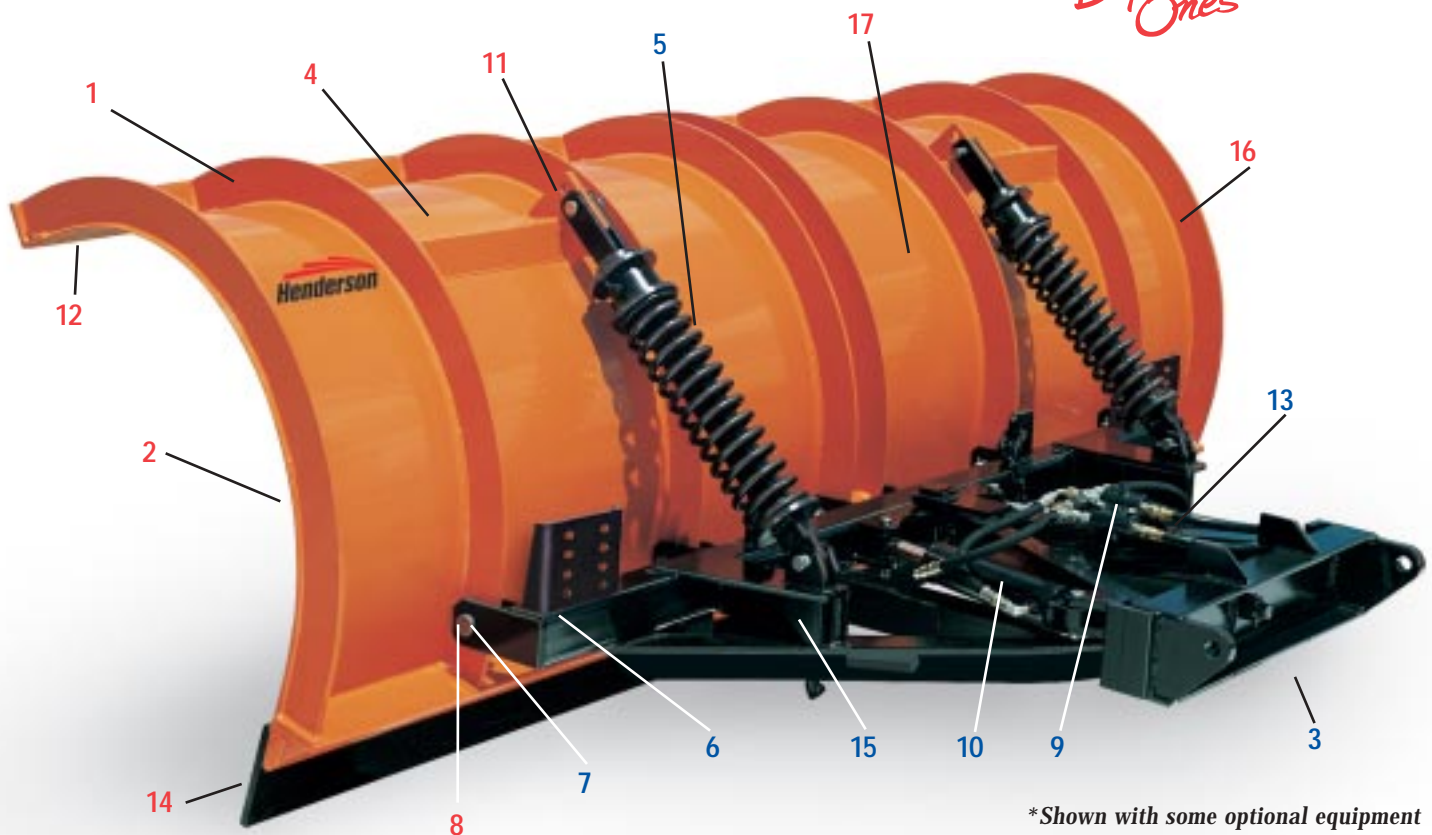
Designed from the ground up, the Henderson SNOWFOE Series reversible plows are state-of-the-art. They're designed to manhandle snow and ice and to last longer while they're doing it.

Many innovative features have been engineered into the SNOWFOE Series to provide you with a plow that moves snow and ice cleaner and quicker because its unique moldboard curvature rolls material out of the way smoothly and almost effortlessly. It is virtually self-cleaning with less chance for back-up and reduced drift to obscure driver vision.

Yet, they are priced to help you stay within budget on your initial purchase...and their ruggedness will surely serve you for years to come.

Once again, you can rely on...

*The Dependable Ones*



\*Shown with some optional equipment

- 1 Eight 1/2" x 3 1/2" edge-rolled ribs for extra strength and rigidity.
- 2 Moldboard curvature designed to improve snow moving capabilities while minimizing "drift."
- 3 Supported by the Henderson Hitch, the plow, in any position, remains level to the road.
- 4 One-piece moldboard is rolled instead of break-formed presenting a smooth, clean surface for better material flow.
- 5 Two easily adjustable compression springs have five position settings for variable control of the trip force. **(Optional)**
- 6 Extended push bar (14% longer than other makes) gives greater blade stability.

- 7 Five moldboard-to-push frame pivot points more evenly distribute push force throughout the entire plow. (Six pivot points on adjustable cutting edge trip).
- 8 1-1/4" bushings are welded through ribs to provide greater pivot pin bearing surface and enhanced durability.
- 9 Plow-mounted cushion valve is standard.
- 10 Twin reversing cylinders are located **above** the push frame for protection against road debris.
- 11 Three-position attack angle adjustment (5°, 10°, 20° approx.) to meet all snow and ice removal conditions.
- 12 Moldboard height measures from the road surface to inside of arc – not top of ribs as with some manufacturers.

- 13 Twin 3" x 10" nitrided hydraulic cylinders are double-acting for heavy-duty power reversing.
- 14 One-piece 5/8" x 8" cutting edge gives extended wear.
- 15 Trip-spring anchor plates are encased and continuous welded to the push frame providing greater strength.
- 16 All parts are continuous welded to last longer and present fewer maintenance problems.
- 17 Moldboard is primed with a high-quality catalyzed primer and then finished with Highway Orange enamel paint. Push frame assembly and hitch components are powder coat painted black.

## TWO MAJOR TYPES OF TRIP DESIGNS TO MEET YOUR PLOWING CONDITIONS:

### 1) FULL MOLDBOARD TRIP

- Twin Compression Springs
- \*Adjustable Twin Compression Spring Trip
- Cannon



#### \*ADJUSTABLE TRIP TENSION MOLDBOARD

The exclusive, patented, Henderson five-position compression spring settings are easily adjustable to provide variable control of trip force for all snow and ice conditions. (OPTIONAL)

### 2) CUTTING EDGE TRIP

- One-piece adjustable torsion spring



Adjustable Cutting Edge Trip  
Optional 304SS Moldboard Shown



### ADJUSTABLE CUTTING EDGE TRIP FEATURES

- Five 3/4" Square Torsion Springs
- Zero insertion force for easy and SAFE spring replacement
- Each spring features individual three-position trip tension adjustment, wrench included
- Cutting edge trip design allows for "smoother" trip action and minimizes shock to the truck chassis and driver

Plow Model #	Length	Height	Approx. Wt./Lbs.
RSP-10-36-FT-ST	10'	36"	1750
RSP-10-42-FT-ST	10'	42"	1760
RSP-10-48-FT-ST	10'	48"	1790
RSP-11-36-FT-ST	11'	36"	1815
RSP-11-42-FT-ST	11'	42"	1830
RSP-11-48-FT-ST	11'	48"	1860
RSP-12-36-FT-ST	12'	36"	1875
RSP-12-42-FT-ST	12'	42"	1890
RSP-12-48-FT-ST	12'	48"	1925

#### CUTTING PATH

Cutting path at 35° for a 10' length is 8'2"  
 Cutting path at 35° for a 11' length is 9'0"  
 Cutting path at 35° for a 12' length is 9'10"

#### MOLDBOARD

- "Level lift" design allows the plow to remain level with road in any position when using Henderson Hitch
- 10GA Grade 50 rolled moldboard with 1/2" x 3-1/2" rolled ribs
- Continuous welded one-piece moldboard
- Reinforced 4" x 4" x 3/4" bottom angle
- 3-1/2" x 2-1/2" x 3/8" top angle with holes to allow moisture to escape
- Two horizontal braces for added rigidity
- Attack angle is adjustable to 5°, 10° and 20°
- 5/8" x 8" one-piece cutting edge with AASHO punching is standard

#### PUSH FRAME

- Push frame width is 96"
- Semi-circle is 3-1/2" x 3-1/2" x 1/2" angle welded to 4" x 4" x 3/8" structural tube
- Five moldboard-to-push frame pivot points with 1-1/4" bushings pin to two 5/8" mounting ears (Six pivot points on adjustable cutting edge trip)

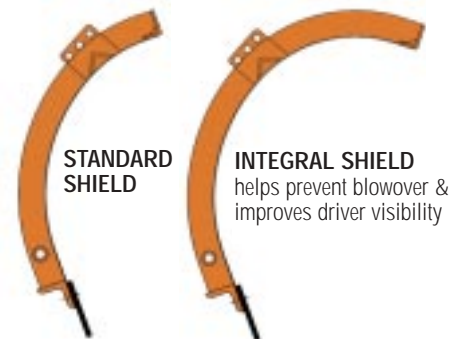
### AVAILABLE OPTIONS

- Rectangular Wear Shoes, Carbide Shoes, Mushroom Shoes, 8" and 10" Caster Wheels, Pneumatic Wheels, Moldboard Shoes
- Curb Bumper
- Wraparound Curb Guard
- Rubber Deflector
- Sight Markers
- Carbide Cutting Edge
- Rubber Cutting Edge
- Polymer Moldboard
- 3/16" Moldboard

- 3 x 2 x 10 Lift/Reversing Cylinder
- 4 x 2 x 10 Lift/Reversing Cylinder
- Integral shield extends a minimum of 19" beyond cutting edge

#### OPTIONAL 304SS MOLDBOARD SHEET

- More corrosion resistant
- Higher brinell hardness increases wear resistance
- 304SS has lower friction coefficient and allows snow to flow smoothly



STANDARD SHIELD

INTEGRAL SHIELD helps prevent blowover & improves driver visibility



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