

# FULL TRIP REVERSIBLE ONE-WAY

SNOWFOE™ Series

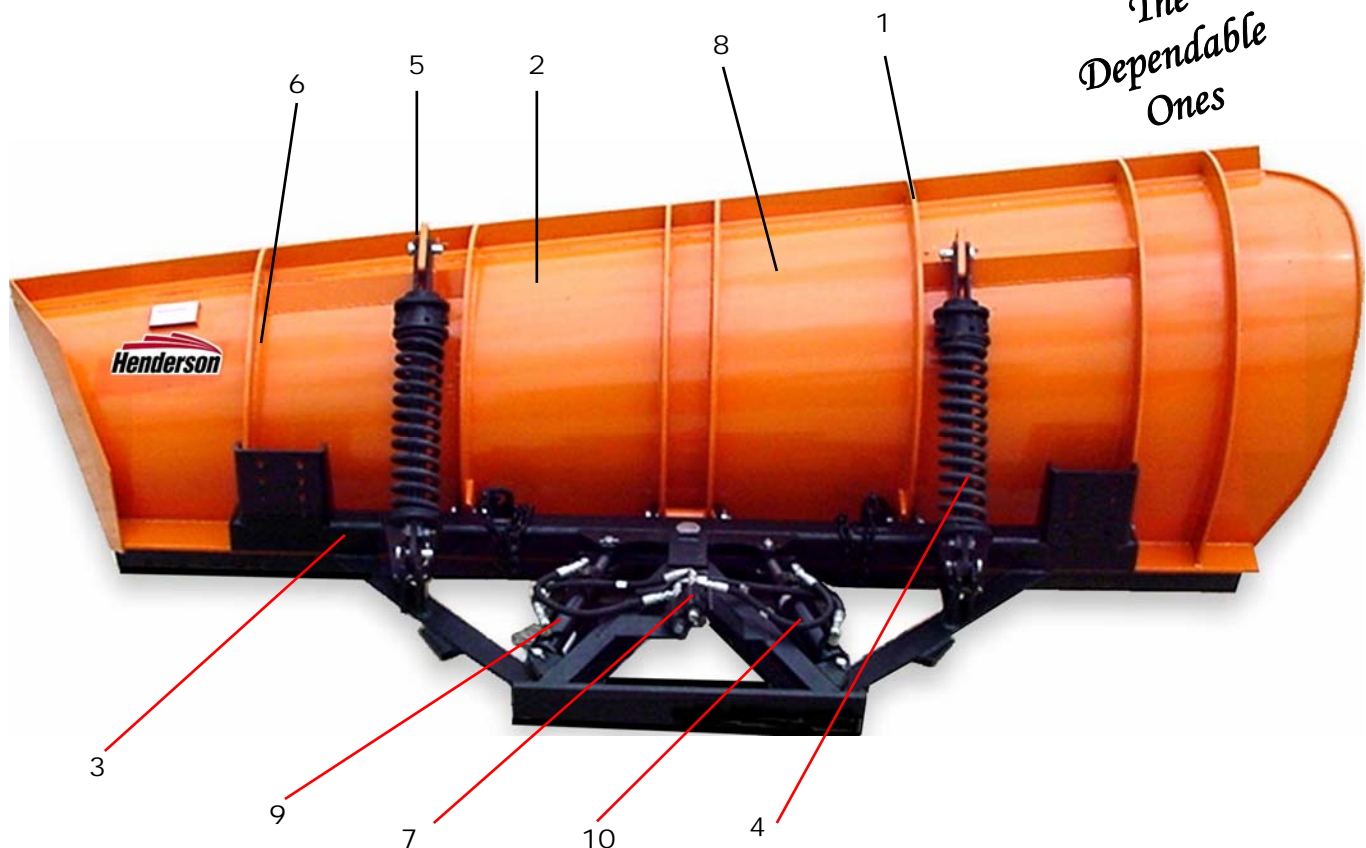
# Henderson

## Snowplowing capabilities like you only dreamed of are now available with the Henderson SNOWFOE™ Series Full Trip Reversible One-way Plow.

Finally a plow that gives you the versatility of a reversible plow combined with the advantages of a one-way plow. The shape of the one-way moldboard cast the snow further and can be used at higher speeds, while the reversible push frame gives you more

flexibility in the many different plowing situations you may encounter, such as intersections. The Full Trip Reversible One-way plow is just another example of the innovative and affordable features you've come to expect from...

*The Dependable Ones*



1 One-piece flame cut 1/2" x 3 1/2" ribs provides strong backing for the moldboard resulting in great rigidity.

2 Rolled formed moldboard is smoother than break-formed for better material flow and is self cleaning.

3 Five moldboard-to-push frame pivot points more evenly distribute push force throughout the entire plow. 1 1/4" bushings are welded through ribs to provide greater pivot pin bearing surface and enhanced durability.

4 Two easily adjustable compression springs have five position settings for variable control of the trip force. (Optional)

5 Three-position attach angle adjustment (5°, 10°, 20° approx.) to meet all snow and ice removal conditions.

6 All parts are continuous welded for rugged use, elimination of corrosion and longer wear.

7 Plow-mounted cushion valve is standard.

8 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.

9 Twin reversing cylinders are located above the push frame for protection against road debris. Nitrided cylinder rods for superior corrosion resistance.

10 Twin 3" x 10" hydraulic cylinders are double-acting for heavy duty power reversing.

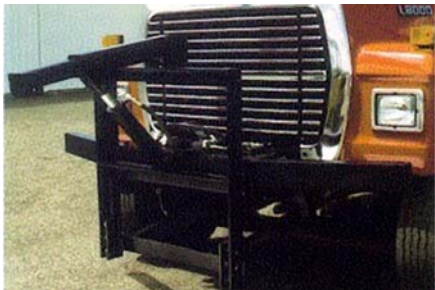
# FEATURES & SPECIFICATIONS

	30"-48"-10'	30"-48"-11'	40"-56"-11'	40"-56"-12'
Moldboard	10 ga.	10 ga.	10 ga.	10 ga.
Length of Moldboard	11' 10"	12' 8"	13' 5"	14' 5"
Cutting Path @ 35°	8' 2"	9'	9'	9' 10"
Length of Cutting Edge	10'	11'	11'	12'
Height of moldboard at nose end	30"	30"	40"	40"
Height of moldboard at discharge end	48"	48"	56"	56"
Approximate weight of moldboard and push frame	1804 lbs.	1857 lbs.	2051 lbs.	2111 lbs.



## ADJUSTABLE TRIP TENSION

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)



## BUMPER-TO-FRAME HITCH

Designed for rugged use on trucks of all classes, the Henderson bumper-to-frame hitch provides a telescoping lift arm to assure a level moldboard at all times. A three-position attach angle adjustment provides greater flexibility to meet conditions. All plowing force is transferred to the truck frame to equalize stress. Black electrostatically applied powder coat paint resist chipping and corrosion.

## PUSH FRAME—OPTIONS



### REVERSIBLE

- 96" wide push-frame with 4" x 4" x 3/8" structural tube push beam
- Semi-circle is 3 1/2" x 3 1/2" x 1/2" structural angle
- Two double acting nitrated reversing cylinders mounted above the push frame for protection from road debris
- Plow mounted cushion valve is standard



### FIXED

- 96" wide push frame with 4" x 4" structural tube push beam
- Push members are 4" x 13 lb. structural channel and 3 1/2" x 3 1/2" x 3/8" structural angle
- Five moldboard-to-push frame pivot points with 1 1/4" bushings pinned to 5/8" mounting ears for total bearing width of 2 1/2"

## SPECIFICATIONS

### MOLDBOARD

- 10 ga. Rolled moldboard with 1/2" thick one-piece flame cut ribs
- Continuous welded moldboard
- Gusseted 4" x 4" x 3/4" bottom angle
- 3 1/2" x 2 1/2" x 3/8" top angle with drain holes to allow moisture to escape
- Attack angle is 5°, 10°, and 20°
- Two external compression spring assemblies for full moldboard trip
- 5/8" x 8" one piece cutting edge with AASHO top punching is standard

## OPTIONS

- 3/16" Moldboard
- 304 Stainless Steel Moldboard Sheets
- Sight Markers
- Rubber Snow Deflectors
- Carbide Cutting Edge
- Screw Adjustable Skid Shoes
- Curb Guards / Moldboard Wear Shoes

### UNITIZED CONSTRUCTION:

All components are continuous welded for maximum strength to give the entire plow a "unitized" architecture and to reduce corrosion. The Henderson SNOWFOE Series will be in service long after others have given up.

### HENDERSON MANUFACTURING ALSO PROUDLY OFFERS THESE INOVATIVE PRODUCTS:

- Reversible Plow
- One-Way Plow
- Patrol Wing
- Leveling Wing
- Benching Wing
- Mid-Mount Wing
- V-Box Sand and Salt Spreader
- Tailgate Sand and Salt Spreader
- Pre-Wet Systems
- Full line of Mark Series dump bodies for single and tandem axle trucks
- Underbody Scraper
- Munibody™ combination dump/spreader bodies



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