Designed from the ground up to manhandle snow and ice, the RSP is state-of-the-art. Whether it be city, rural or interstate highway snow and ice control, the RSP (Reversible Snow Plow) tackles the most demanding conditions. Many innovative features have been engineered into the RSP, such as the unique moldboard curvature that rolls material out of the way smoothly and quickly. The self-cleaning design of the RSP reduces the chance for back-up and drift that can obscure driver vision.

Available with a trip-edge or as a full-trip moldboard, the RSP allows plowing at higher speeds. Three profiles and many options let you order the perfect plow for your needs.

- Eight 1/2" x 3-1/2" ribs for extra strength and rigidity.
- Moldboard curvature is designed to improve snow moving capabilities while minimizing "drift".
- Supported by the Henderson Hitch, the plow in any position remains level to the road.
- One-piece moldboard is rolled instead of brake formed presenting a smooth, clean surface for better material flow.
- **OPTIONAL** - Two easily adjustable compression springs have five position settings for variable control of the trip force.
- **OPTIONAL** - Full-width push tube (14% longer than other makes) gives greater blade stability.
- Five moldboard-to-push frame pivot points more evenly distribute push force throughout the entire plow. (Six pivot points on adjustable cutting edge trip).
- 1-1/4" bushings are welded through ribs to provide greater pivot pin bearing surface and enhanced durability.
- Plow-mounted cushion valve is standard.
- Twin reversing cylinders are located above the push frame for protection against road debris.
- Three-position attack angle adjustment (5°, 10°, 20° approx.) to meet all snow and ice removal conditions.
- Moldboard height measures from the road surface to inside of arc - not top of ribs as with some manufacturers.
- Trip-spring anchor plates are encased and continuous welded to the push frame providing greater strength.
- All parts are continuous welded which minimizes corrosion points.
- All surfaces are high pressure cleaned and degreased with phosphate solution before powdercoat Highway Orange paint. Push frame assembly and hitch components are powder coat painted black.
- Twin 3" x 10" nitrided hydraulic cylinders are double-acting for heavy-duty power reversing. Cylinders are common parts with most hitches.
- One-piece 5/8" x 8" cutting edge gives extended wear. (Carbide cutting edge optional.)
TWO MAJOR TYPES OF TRIP DESIGNS TO MEET YOUR PLOWING CONDITIONS

FULL MOLDBOARD TRIP
- Twin compression springs
- Adjustable twin compression spring trip

ADJUSTABLE CUTTING EDGE TRIP
- One-piece trip edge with five 3/4” adjustable square torsion springs
- Zero insertion force for easy and safe spring replacement

APPROX. ATTACK ANGLE ADJUSTMENT: 5°, 10°, AND 20°

SPECIFICATIONS

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<tr>
<th>PLOW MODEL</th>
<th>LENGTH</th>
<th>HEIGHT</th>
<th>APPROX. WT. (lbs.)</th>
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CUTTING PATH
Cutting path at 35° for a 10’ length is 8’2”
Cutting path at 35° for an 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.
- 10-ga. Grade 50 rolled moldboard with 1/2” x 3-1/2” 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 moldboard.
- Two horizontal stiffeners for added rigidity.
- Attack angle is adjustable to approx. 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).

OPTIONS
- Rectangular wear shoes, carbide shoes, mushroom shoes, 8” and 10” caster wheels, pneumatic wheels, moldboard shoes
- Curb bumper
- Wraparound curb guards
- Rubber deflector
- Sight markers
- 6” carbide cutting edge
- Rubber cutting edge
- 3/16” moldboard
- Full-width push frame

- 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
- 4” x 4” x 3/4” semi circle
- Full moldboard trip exclusive, patented, five-position compression spring settings are easily adjustable to provide variable control of trip force for all snow and ice conditions
- Full moldboard cannon trip
- Tubular push frame and table

OPTIONAL 201 AND 304SS MOLDBOARD SHEET
- More corrosion resistant
- Higher brinell hardness increases wear resistance
- 201 and 304SS have a lower friction coefficient allowing snow to flow smoothly

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