HIGH PERFORMANCE PRODUCTS FOR LOADERS/GRADERS

PLOWS / WINGS / BLADES / SNOW GATES
V-PLOWS  

TACKLE AND DOMINATE HEAVY SNOW

FOLDING V-PLow

The Henke Folding V-Plow is a heavy duty, all season, multi-directional dozer blade for wheel loaders and motor graders. Designed to accept machine down pressure from wheel loader arms or Henke motor grader parallel lift groups, and is ideal for light dozing, grading and snow removal.

- Rugged construction - 48” tall, 10 ga, Grade 50 moldboard, plus box reinforced channels for maximum support. Optional extensions add 12” to overall height.
- 3” solid steel center pin - removable, greaseable
- Heavy duty independent acting reversing cylinders
- Nitrogen accumulators for shock absorbing protection

<table>
<thead>
<tr>
<th>Plow Width (ft)</th>
<th>Plowing Positions:</th>
<th>Straight</th>
<th>Angled</th>
<th>Vee</th>
<th>Scoop</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Plowing Swath (in)</td>
<td>143</td>
<td>124</td>
<td>129</td>
<td>120</td>
</tr>
<tr>
<td>14</td>
<td>Plowing Swath (in)</td>
<td>167</td>
<td>145</td>
<td>150</td>
<td>153</td>
</tr>
<tr>
<td>16</td>
<td>Plowing Swath (in)</td>
<td>191</td>
<td>166</td>
<td>170</td>
<td>162</td>
</tr>
<tr>
<td>20</td>
<td>Plowing Swath (in)</td>
<td>239</td>
<td>208</td>
<td>212</td>
<td>203</td>
</tr>
</tbody>
</table>

Fixed V-Plow

The Henke FVX Folding V-Plow with Trip Edge is commonly used for urban plowing and areas with lots of cul-de-sacs and roundabouts. The FVX adjusts to scoop, vee or reversible plowing positions for maximum versatility. 41” tall moldboard, 10 ga, Grade 50, plus box reinforced channels.

- Aggressive plow curvature is great for rolling and casting deep snow
- 3/16” thick moldboard with full-length, formed box channels for maximum moldboard support
- Two profiles available: Full profile (52” nose/87” rear) or Low profile for loaders (47” nose/74” rear)
- 10 foot clearing path
- Compatible with a wide range of couplers and/or lift groups
- Includes three hand-adjustable running gear assemblies
THE MOST RUGGEDLY BUILT, FULL-TRIPPING, POWER-REVERSING PLOW ON THE MARKET

The Henke REL is a severe duty, reversible plow designed for motor graders and wheel loaders.

- **Full trip moldboard** - Henke’s high performance trip springs absorb shock and bring the plow back to plowing position after encountering obstacles
- **Heavy duty moldboard** - 1/4” thick solid steel, box reinforced panel for structural strength and stability
- **One-piece 50,000 PSI high tensile steel pushframe** is the strongest and most durable in the industry
- **Trip lock out converts plow to dozer blade** - Use the REL year around for light duty dozing such as pushing rocks, sand, gravel or mulch
- **Accepts hydraulic down pressure** - Great for breaking up packed snow and ice
- **Compatible with most couplers and lift groups**

<table>
<thead>
<tr>
<th>Moldboard</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>Bottom Angle (in)</th>
<th>Trip</th>
<th>Reversing Cylinders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box reinforced 1/4” rolled plate</td>
<td>10, 12, 14, 16</td>
<td>41, 60</td>
<td>3/4 x 6 x 4</td>
<td>Dual enclosed spring trips</td>
<td>Dual 4.5 x 11 double acting hydraulic</td>
</tr>
</tbody>
</table>

HENKE’S HI-GATE / SNOW GATE

- **Reduces the amount of snow deposited** in and around driveways and intersections
- **Overwhelming public support** – results in fewer calls for re-plowing

**Features**
The Henke Hi-Gate brand is a superior performing Snow Gate. Field tested and proven, the Hi-Gate receives high marks from Fleet Managers.

- Spring cushioned road contact strip with rubber cutting edge for grader moldboard actuation and continuous down pressure
- Easily installed - bolts to back of the blade

“*We tested two different types of snow gates during the three year process, and the Henke snow gates performed the best.*”
– Galynn Huber, Street/Fleet Manager, City of Sioux Falls

See videos of the Hi-Gate in action on our Henke Manufacturing YouTube channel.
HENKE’S MODULAR PLOW SYSTEM - Choose your style, for Loaders and Graders

With over 100 years of experience making snow plows, Henke’s standardized plow line gives you the flexibility to build the plow you need. By combining different options for height, width, profile, trip, and running gear, you can easily create a highly customized “standard” plow.

- Henke’s integral snow shield prevents snow from blowing over the top of the moldboard.
- Henke’s Grade 50 Steel is 39% stronger than A-36 Steel.
- Henke’s Road Safe pushframe provides maximum strength and prevents bottom angle bending. Cylinders are located above the pushframe for protection against road debris and ease of maintenance.

### Moldboard Styles

<table>
<thead>
<tr>
<th>Styles</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>Materials</th>
<th>Trip</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Style, J-Style, Expressway, One-Way/Funnel</td>
<td>10, 11, 12</td>
<td>Varies by style</td>
<td>Grade 50 Steel, Poly-Lined Steel, Stainless Steel</td>
<td>ECT (External Compression), SLT (Slotted Trip), SSTE (Square Spring Torsion Trip)</td>
</tr>
</tbody>
</table>

OPTIONS: Many options are available. A few common ones include: Various Wear Components; Various Running Gear (Runner Shoes, Steel Wheels, Pneumatic Running Gear, Mushroom Shoes - standard or spring loaded), Single or Dual Mouse Ears; Mailbox Cut; Jack Stand; Rod Markers

### AIRPORT SNOW REMOVAL ATTACHMENTS

Henke recognizes that Airports face tough challenges, to help you fight the battle, we’ve engineered attachments to keep the runways, ramps, access roads and parking lots up and running. Also check out Henke’s ramp buckets, snow pushers and snow baskets.

**HENKE’S ATTACHMENTS INCLUDE:**

- **Airport Expressway (APX)** - a dual discharge style plow for high-speed plowing and casting snow out and away. Double-ribbed construction.
- **Airport Plow (APR)** - Airport J style plow for high-speed plowing when you need move the snow forward. Double-ribbed construction.
- **Airport Plow - Severe Duty (APR - SD)** - Severe duty airport plow with 4 reversing cylinders for additional power and control.

<table>
<thead>
<tr>
<th>Product Model</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>Materials</th>
<th>Reversing or Fixed</th>
</tr>
</thead>
<tbody>
<tr>
<td>APX - Expressway, Dual Discharge</td>
<td>16, 18, 20, 22, 24</td>
<td>Varies by style</td>
<td>Poly, 10 ga, Grade 50 Steel, Poly-Lined Steel</td>
<td>2 Dual reversing cylinders</td>
</tr>
<tr>
<td>APR, C Style</td>
<td>16, 18, 20, 22, 24</td>
<td>50</td>
<td>Poly, 10 ga, Grade 50 Steel, Poly-Lined Steel</td>
<td>2 Dual reversing cylinders</td>
</tr>
<tr>
<td>APR - SD, C Style</td>
<td>30</td>
<td>44</td>
<td>Poly, 10 ga, Grade 50 Steel, Poly-Lined Steel</td>
<td>4 Dual reversing cylinders</td>
</tr>
</tbody>
</table>
There’s a reason Henke offers these Plow/Wing combo... they provide the one-two punch to get the job done! With a number of combinations available, we can outfit your prime mover to most efficiently handle specific snow management challenges. And, by buying these products together as a package, you can save money too! It’s a win-win!

**CONFIGURE YOUR COMBO** Select the best plow for your application and add a wing for greater plowing swath

<table>
<thead>
<tr>
<th>PLOWS</th>
<th>STYLE</th>
<th>MOLDBOARD</th>
<th>TRIP</th>
<th>LENGTHS (ft)</th>
<th>HEIGHTS (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOLDING V-PLOW</td>
<td>Multi-box reinforced 1/4” 10 ga, Grade 50 with 1/2” ribs</td>
<td>Non-Trip</td>
<td>12, 14, 16, 20</td>
<td>48” *optional extensions add ?”</td>
<td></td>
</tr>
<tr>
<td>FOLDING FVX-PLow</td>
<td>Multi-box reinforced 1/4” 10 ga, Grade 50 with 1/2” ribs</td>
<td>Compression Spring Trip Edge</td>
<td>10, 11, 12, 14</td>
<td>41” *optional extensions add ?”</td>
<td></td>
</tr>
<tr>
<td>REL (Reversible End Loader)</td>
<td>Multi-box reinforced 1/4” 10 ga, Grade 50 with 1/2” ribs</td>
<td>Full-Trip</td>
<td>10, 12, 14, 16, 18, 20</td>
<td>41, 60</td>
<td></td>
</tr>
<tr>
<td>ROAD WARRIOR SERIES: J Plow or C Plow styles</td>
<td>10 ga, Grade 50 304 Stainless Poly-Lined Steel</td>
<td>Multiple selections available: ECT, EST, EXT, SLT, SSTE</td>
<td>10, 11, 12</td>
<td>Varies by Style</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WINGS</th>
<th>STYLE</th>
<th>MOLDBOARD</th>
<th>TRIP</th>
<th>BENCHING HEIGHTS (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE FLOAT POSTLESS WING</td>
<td>Tapered: 29” intake, 36” discharge Straight: 31”</td>
<td>Full Trip Trip Edge* Non Trip</td>
<td>14.5</td>
<td></td>
</tr>
<tr>
<td>SLIDE POST WING</td>
<td>Tapered: 29” intake, 36” discharge Straight: 31”</td>
<td>Full Trip Trip Edge* Non Trip</td>
<td>18, 42</td>
<td></td>
</tr>
</tbody>
</table>

*Adds 5” to moldboard heights

**WITH HENKE’S HIGH PERFORMANCE OPTIONS YOU’LL HAVE THE ULTIMATE MACHINE**

SWIVEL BACK PLATE: Enables the plow to follow the crown of road giving it the flexibility to float side to side.

MECHANICAL FLOAT: Allows the plow to “float” up and down over uneven terrain. Adds 10’ - 12” of vertical travel. Both of these options are available with the Folding V-Plow or the REL (Reversible End Loader) Plow.
HENKE SEVERE DUTY DOZER BLADE
This heavy-duty, power reversing blade handles rugged situations.

- **Box reinforced** 3/16” rolled plate steel moldboard
- **Extreme “curl”** helps eliminate snow from blowing over the top
- **Powerful**, 4” x 20.75” double acting hydraulic cylinders provide up to 35° rotation

Accepts **down pressure**

HENKE DOZER BLADE
Designed specifically for Motor Graders, will give years of trouble-free use.

- **1/4”** smooth rolled moldboard with 1/2” ribs
- **Fully welded** box panel reinforced from top to bottom
- **Heavy duty** components
- Accepts **down pressure**

HENKE HELPER
This power reversing blade is an excellent work tool for wheel loaders.

- **1/4”** smooth rolled moldboard with 1/2” ribs
- **Fully welded** box panel reinforced from top to bottom
- Two 4” x 20 3/4” double-acting hydraulic cylinders with 2” chrome plated rods

Accepts **down pressure**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MACHINE</th>
<th>LENGTHS (ft)</th>
<th>HEIGHTS (in)</th>
<th>FIXED OR REVERSIBLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-SDDB: Henke Severe Duty Dozer Blade</td>
<td>Loaders; Graders</td>
<td>12, 14, 16</td>
<td>48</td>
<td>Power Reversing</td>
</tr>
<tr>
<td>H-DB: Henke Dozer Blade</td>
<td>Graders</td>
<td>8, 9, 10, 12</td>
<td>41</td>
<td>Fixed</td>
</tr>
<tr>
<td>H-H: Henke Helper</td>
<td>Small Loaders; Backhoe Loaders</td>
<td>8, 9, 10, 11, 12</td>
<td>41, 30</td>
<td>Power Reversing</td>
</tr>
</tbody>
</table>

HIGH PERFORMANCE OPTIONS

FOR: REL, FOLDING V-PLOW, SEVERE DUTY DOZER BLADE AND HENKE HELPER

HENKE MECHANICAL FLOAT LINK
- Allows the plow to “float” up and down over uneven terrain, following the contours of the road
- Adds an additional 10”-12” of vertical travel to the plow
- Sight gauge makes it easy to set the plow in proper position (pushframe parallel to the ground)

SWIVEL BACK PLATE
- Enables the plow to follow the crown of the road giving it the flexibility to float side to side

*Take your blade to the ultimate level of performance!*

To learn more, see a short video: REL, The Beast on our YouTube Channel.
HENKE’S ATTACHMENTS INCLUDE:

> **Ramp Buckets (RB) and Quick Push (QP)** - These heavy duty products are built to handle large volumes of snow on airport ramps and parking lots. Full welded construction. Remove-able/Bolt-on end gates are available on Henke’s Ramp Buckets, while the bolt on coupler makes attachment quick and easy.

<table>
<thead>
<tr>
<th>Product Model</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>Materials</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB, Ramp Bucket</td>
<td>10, 12, 14, 16, 18, 20, 22, 24, 26, 30</td>
<td>42, 60</td>
<td>10 ga. Grade 50 Steel</td>
<td>Loaders, Graders</td>
</tr>
<tr>
<td>OP, Quick Push, Snow Pusher</td>
<td>10, 12, 14, 16, 18, 20, 22, 24, 26, 30</td>
<td>42, 60</td>
<td>10 ga. Grade 50 Steel</td>
<td>Loaders</td>
</tr>
</tbody>
</table>

*Not all lengths are available in both heights.

> **Snow Baskets (SB)** - Henke Snow Baskets double or triple hauling capacity. Available in 4 - 16 cubic yard capacities.

<table>
<thead>
<tr>
<th>Product Model</th>
<th>Widths (ft)</th>
<th>Heights (in)</th>
<th>Materials</th>
<th>Cubic Yards</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB, Snow Basket</td>
<td>8, 9, 10, 12</td>
<td>varies by length</td>
<td>100,000 psi, T-1 steel</td>
<td>4, 5, 6, 8, 10, 16</td>
</tr>
</tbody>
</table>
Henke’s traditional wings give you superior benching control and smooth-lift performance.

- **Nylatron slide guides** - protect the slide assembly
- **Heavy duty box panel** reinforced moldboard built to withstand tough conditions while preventing torsional twist
- **Unique MUDROC hydraulic relief valve** limits excessive down pressure and prevents binding and damage
- **Bolt-up design** makes it easy to remove wing post in warmer weather and to perform maintenance when needed
- **Hydraulic pushbeam option** available

### All Hydraulic Wings (AHW)

<table>
<thead>
<tr>
<th>Moldboard</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>AHW Post Heights (in)</th>
<th>Rear Mounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box reinforced 3/16&quot; high tensile steel rolled plate</td>
<td>10, 12, 14</td>
<td>Tapered 28&quot; intake, 38&quot; discharge</td>
<td>48, 66</td>
<td>Elevating, Fixed, Rear Ripper</td>
</tr>
</tbody>
</table>

### Postless Hydraulic Wings (PLHW)

Henke’s postless wing is designed for safety giving the operator greater visibility, while allowing for easy installation and removal.

- Design allows for 6" of Mechanical Float and approximately 24" 26” benching height
- **Heavy duty box panel** reinforced moldboard built to withstand tough conditions while preventing torsional twist
- **Unique MUDROC hydraulic relief valve** limits excessive down pressure and prevents binding and damage
- **3” Banjo Pin** is the best in the industry – Henke’s products are design to withstand heavy workloads
- **Hydraulic pushbeam option** available

<table>
<thead>
<tr>
<th>Moldboard</th>
<th>Lengths (ft)</th>
<th>Heights (in)</th>
<th>AHW Post Heights (in)</th>
<th>Rear Mounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box reinforced 3/16&quot; high tensile steel rolled plate</td>
<td>10, 12, 14</td>
<td>Tapered 28” intake, 38” discharge</td>
<td>48, 66</td>
<td>Fixed, Rear Ripper</td>
</tr>
</tbody>
</table>
Henke makes it easy to get the most out of your loader and/or grader equipment. We have engineered multiple styles of couplers to give you the greatest range of flexibility for quickly adding attachments.

We recommend our bolt-on coupler adapter and a weld-on/pin-on style is also available. Consult with your sales rep about the best choice for your fleet.

Some of our available coupler adapter set ups include:

- JRB coupler
- ACS coupler
- Parallel hooks coupler
- Fusion coupler
- Hi-Viz coupler
- VME coupler
- IT hooks coupler
- Plus many other styles

The compact design of Henke’s Lift Groups brings the weight of the attachment closer to the grader, resulting in less impact on the front axle. Our lift groups have many outstanding features including integrated mechanical stops to prevent overloading the cylinder.

- **Balderson Style:** Our most popular lift group with manual or optional hydraulic locking pins
- **AQC Style:** Automatic Quick Coupler Lift Group fits most grader makes and models
- **Scarifier Lift Group and Scarifier Attachment:** Henke’s front mount scarifiers are a great choice for multi-season surface preparation. Our lift group is built strong enough for mounting a variety of motor grader attachments. Henke’s scarifier attachments accommodate 5, 7 or 9 shanks and teeth.
HENKE: ENGINEERED TO GIVE YOU THE BEST

BUILT WITH THE CUSTOMER IN MIND
Listening to our customers helps us understand the unique challenges they’re faced with. That, in turn, helps our engineering and manufacturing team use their expertise to design solutions that perform beyond specs and expectations.

A DEDICATED TEAM THAT DELIVERS
When you call on HENKE, you’ll receive first rate service backed by a team of seasoned industry professionals. With HENKE, your concern is our concern and we do everything we can to create a successful outcome for you.

VISIT HENKE ON YOUTUBE...
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