

HIGH PERFORMANCE PRODUCTS FOR LOADERS/GRADERS



PLOWS / WINGS / BLADES / SNOW GATES

HENKE®

AN ALAMO GROUP COMPANY

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

Plow Width (ft)	Plowing Positions:	Straight	Angled	Vee	Scoop
12	Plowing Swath (in)	143	124	129	120
14	Plowing Swath (in)	167	145	150	153
16	Plowing Swath (in)	191	166	170	162
20	Plowing Swath (in)	239	208	212	203

FOLDING FVX-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.

Plow Width (ft)	Plowing Positions:	Straight	Angled	Vee	Scoop
10	Plowing Swath (in)	123	101	106	97
11	Plowing Swath (in)	135	111	116	107
12	Plowing Swath (in)	147	121	126	117
14	Plowing Swath (in)	171	141	145	136

DESIGNED FOR
VERSATILITY



ENGINEERED FOR
DURABILITY



FIXED V-PLOW

- **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 absorbs 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

REL REVERSIBLE END
LOADER PLOW



Moldboard	Lengths (ft)	Heights (in)	Bottom Angle (in)	Trip	Reversing Cylinders
Box reinforced 1/4" rolled plate	10, 12, 14, 16	41, 60	3/4 x 6 x 4	Dual enclosed spring trips	Dual 4.5 x 11 double acting hydraulic

HI-GATE
SNOW GATE

DRAG AND DROP SNOW WHERE YOU WANT IT ON THE 1ST PASS



Reversible End Loader (REL)
with Henke Hi-Gate



Motor Grader with
Henke Hi-Gate

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

SHIFT TO THE HIGHER STANDARD



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

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

FRONTLINE DEFENSE

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.

Product Model	Lengths (ft)	Heights (in)	Materials	Reversing or Fixed
APX - Expressway, Dual Discharge	16, 18, 20, 22, 24	Varies by style	Poly, 10 ga. Grade 50 Steel, Poly-Lined Steel	2 Dual reversing cylinders
APR, C Style	16, 18, 20, 22, 24	50	Poly, 10 ga. Grade 50 Steel, Poly-Lined Steel	2 Dual reversing cylinders
APR - SD, C Style	30	44	Poly, 10 ga. Grade 50 Steel, Poly-Lined Steel	4 Dual reversing cylinders







PLOW+WING COMBO



for Wheel Loaders



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*

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

WINGS	STYLE	MOLDBOARD	TRIP	BENCHING HEIGHTS (in)
	TRUE FLOAT POSTLESS WING	Tapered: 29" intake, 36" discharge Straight: 31"	Full Trip Trip Edge* Non Trip	14.5
	SLIDE POST WING	Tapered: 29" intake, 36" discharge Straight: 31"	Full Trip Trip Edge* Non Trip	18, 42

Contact us for help in selecting the best Plow + Wing Combo for your applications.

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.



DOZER BLADES

YEAR AROUND USE FOR LIGHT DOZING AND SNOW REMOVAL



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**

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

HIGH PERFORMANCE
OPTIONS

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



To learn more, see a short video: REL, The Beast on our YouTube Channel.

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!

BACKHOE LOADER PLOW

A GREAT ATTACHMENT FOR GETTING THE JOB DONE -
QUICKLY AND EASILY



Built to last, storm after storm, these plows feature extra-heavy components to withstand years of rugged use on hard-working Backhoe Loaders. Attaching quickly and easily to backhoes, they do the trick to help you restore order to the roads of your community.

- **Dual-compression spring trip** provides safety for driver and equipment
- Lengths (ft): 8, 9, 10, 11; Heights (in): 30
- Rolled plate 3/16" steel moldboard with 1/2" ribs and reinforced bottom angle
- Heavy duty circle pushframe, structural tube pushbeam
- Heavy duty A-frame welded to a reinforced backplate
- Heavy duty swivel plate for better plowing performance

ADDITIONAL SNOW REMOVAL ATTACHMENTS

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.

Product Model	Lengths (ft)*	Heights (in)*	Materials	Equipment
RB, Ramp Bucket	10, 12, 14, 16, 18, 20, 22, 24, 26, 30	42, 60	10 ga. Grade 50 Steel	Loaders Graders
QP, Quick Push, Snow Pusher	10, 12, 14, 16, 18, 20, 22, 24, 26, 30	42, 60	10 ga. Grade 50 Steel	Loaders

**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.

Product Model	Widths (ft)	Heights (in)	Materials	Cubic Yards
SB, Snow Basket	8, 9, 10, 12	varies by length	100,000 psi, T-1 steel	4, 5, 6, 8, 10, 16



GRADER WINGS

HENKE WINGS COMPLETE YOUR SNOWFIGHTING PACKAGE

ALL HYDRAULIC WINGS (AHW)

Moldboard	Lengths (ft)	Heights (in)	AHW Post Heights (in)	Rear Mounts
Box reinforced 3/16" high tensile steel rolled plate	10, 12, 14	Tapered 28" intake, 38" discharge	48, 66	Elevating, Fixed, Rear Ripper

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



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

Moldboard	Lengths (ft)	Heights (in)	AHW Post Heights (in)	Rear Mounts
Box reinforced 3/16" high tensile steel rolled plate	10, 12, 14	Tapered 28" intake, 38" discharge	48, 66	Fixed, Rear Ripper

ASK US ABOUT FACTORY INSTALLATION

COUPLER ADAPTERS

QUICKLY CONNECT TO LOADERS AND MOTOR GRADERS

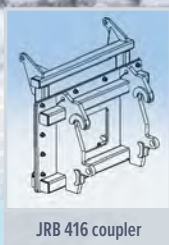


Henke makes it easy to get the most out of your loader and/or grader equipment. We have engineered multiple styles of couplers to give you the greatest range of flexibility for quickly adding attachments.

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:

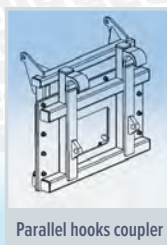
- › JRB coupler
- › ACS coupler
- › Parallel hooks coupler
- › Fusion coupler
- › Hi-Viz coupler
- › VME coupler
- › IT hooks coupler
- › Plus many other styles



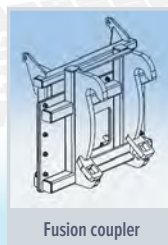
JRB 416 coupler



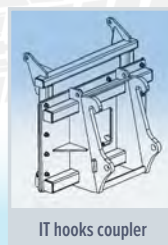
ACS coupler



Parallel hooks coupler



Fusion coupler



IT hooks coupler

GRADER LIFT GROUPS

PARALLEL LIFT GROUPS FOR MOTOR GRADERS

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.

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