

HIGH PERFORMANCE ATTACHMENTS FOR CAT LOADERS & GRADERS



PLOWS / WINGS / BLADES / SNOW GATES



**ALAMO
GROUP**

Snow & Ice Team



CAT

ALAMO GROUP

Snow & Ice Team



GET MORE FROM YOUR CAT EQUIPMENT
WITH THESE ATTACHMENTS



ROAD WARRIOR SERIES



V-PLOWS



REVERSIBLE END LOADER



PLOW+WING COMBOS



DOZER BLADES



GRADER WINGS



BLUEMAX PLOWS



HI-GATE / SNOW GATE



COUPLER ADAPTERS

High performance attachments for designed to withstand tough conditions



PLOW+WING COMBO FOR CAT WHEEL LOADERS





There's a reason we offer these Plow/Wing combos... they provide the one-two punch to get the job done! With a number of combinations available, we can outfit your loader 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!





Snow & Ice Team



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
	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
	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: Straight plow, Homesafe plow(J-style)	10 ga, Grade 50 304 Stainless Poly-Lined Steel	Multiple selections available: ECT, 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

*Adds 5" to moldboard heights

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

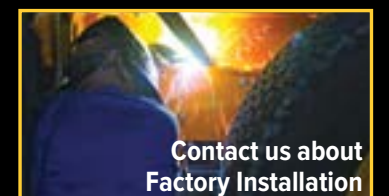
WITH THESE HIGH PERFORMANCE OPTIONS YOU'LL HAVE THE ULTIMATE MACHINE

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

PLOW + WING COMBOS ARE AN EXCELLENT CHOICE FOR YOUR LOADER, THE AGILITY OF THE LOADER IS GREAT FOR NAVIGATING CUL-DE-SACS, ROUNDABOUTS AND TIGHT SPOTS.



Contact us about Factory Installation

FRONT PLOWS FOR CAT LOADERS



WE OFFER A WIDE RANGE OF SNOW PLOWS. CONTACT US FOR HELP SELECTING THE BEST SOLUTION FOR YOU

ROAD WARRIOR SERIES - MODULAR PLOW SYSTEM

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 configure the plow you need.

- > Road Warrior'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.
- > The **Road Safe pushframe provides maximum strength** while protecting the cylinders against road debris and allowing for easier maintenance.
- > **Cylinders are located above the pushframe for protection**

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, Mushroom Shoes), Dual Mouse Ears; Mailbox Cut; Jack Stand; Rod Markers



HENKE V PLOWS FOR CAT LOADERS/GRADERS



HENKE'S ATTACHMENTS SOLUTIONS INTEGRATE SEAMLESSLY WITH CAT GRADERS

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.
- > 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	Ve	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	Ve	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

FIXED V-PLOW

Henke's Fixed V-Plow is compatible with a wide range of couplers and/or lift groups.

- > **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
- > **V-10 plow:** Full profile (52" nose/87" rear)
- > **10 foot clearing path**



Learn more at:
henkemfg.com



Learn more at:
henkemfg.com



AIRPORT PLOWS FOR CAT LOADERS/GRADERS



DOZER BLADES

YEAR ROUND USE FOR LIGHT DOZING AND SNOW REMOVAL



WAUSAU BLUEMAX PLOWS

Designed for plowing on airport runways, BlueMax is made from the highest-quality materials to provide exceptional toughness. Available in polyethylene or steel moldboards.

- > **Deep moldboard curvature** - concentrates snow into a high velocity stream for maximum casting distance
- > **120" wide frame** - provides maximum strength and long lift. Fully welded box-section, solid steel construction
- > **6 isomer cushions** - protects plow, truck and driver from damage when encountering obstacles
- > **4.5" reversing cylinders** - heavy-duty cylinders are adjustable for quick, positive angling
- > **Adjustable moldboard pitch** - 65°, 75°, 85° - quick manual adjustment to match snow depth and density
- > **Flared or Straight discharge ends** - designed to provide the performance you need
- > **Cutting edge choices** - carbide, rubber, polyurethane, ceramic composite or steel

MODEL	LENGTH (ft)	CUTTING WIDTH (ft,in)	HEIGHT	RIBS	WEIGHT (lbs)*
BMP1450	14'	12' 0"	50"	10	3530
BMP2050	20'	17' 0"	50"	12	4700
BMP2250	22'	18' 7"	50"	14	4800
BMP2450	24'	20' 7"	50"	14	4900

MODEL	LENGTH (ft)	CUTTING WIDTH (ft,in)	HEIGHT AT CENTER	HEIGHT AT DISCHARGE	WEIGHT (lbs)*
BMP1450HW	14'	12' 0"	50"	62"	3530
BMP1850HW	18'	15' 2"	50"	63"	4800
BMP2050HW	20'	17' 0"	50"	66"	5000
BMP2250HW	22'	18' 7"	50"	69"	5100
BMP2450HW	24'	20' 0"	50"	72"	5300



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HENKE SEVERE DUTY DOZER BLADE

The Henke Severe Duty Dozer Blade is a heavy-duty, high-curvature, box-panel reinforced dozer-blade for use on motor graders and wheel loaders. The extra heavy-duty construction allows operators to take an aggressive approach to snow removal.

- > **Box reinforced** 3/16" rolled plate steel moldboard
- > Moldboard designed to **reduce snow blow-over**
- > **Powerful**, 4" x 20.75" double acting hydraulic cylinders provide up to 35° rotation
- > Designed for year round use, allowing maximum versatility for both machine and attachment
- > **Backplate** is designed to fit most types of quick couplers and pin hitches, enabling use on a large variety of motor graders and wheel loaders
- > **Top of Moldboard** is reinforced by a fully welded, full length, one piece of 2 1/2" x 2 1/2" x 3/8" steel tubing
- > 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

HIGH PERFORMANCE OPTIONS



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

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

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!

REVERSIBLE END LOADER PLOW (REL)

The most ruggedly built, full-tripping, power-reversing plow on the market. The 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

Henke offers a wide range of front snow plows. Contact us for help selecting the best plow for your application.

REVERSIBLE END LOADER FOR CAT LOADERS/GRADERS



HI-GATE / SNOW GATE FOR CAT LOADERS/GRADERS



HENKE's attachment solutions integrate seamlessly with CAT equipment

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 and removed - bolts to back of the blade
- Allows for moldboard rotation
- Structural reinforcements throughout to prevent bending

“We tested two different type of snow gates during this three year process, and the Henke snow gates performed the best. They allowed us to get to the curb the closest, they were engineered so they fit our moldboard better, and it allowed us to clean the gutter-pan better than with the other snow gate.”

Gaylnn Huber, Street/Fleet Manager at City of Sioux Falls, SD

SEE PRODUCTS IN ACTION, DEMOS, TECH TIPS AND MORE!

WATCH US ON YouTube



Learn more at:
henkemfg.com

HENKE

HENKE STANDARD ALL HYDRAULIC WING

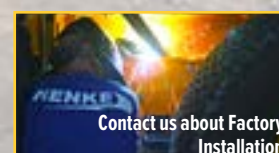
66" POST AND 42" POST (AHW)

Engineered to perform.
Built to endure.



HENKE POSTLESS HYDRAULIC WING (PLHW)

Engineered for maximum visibility and control.



KEY BENEFITS



NYLATRON SLIDE GUIDES protect slide assembly.



UNIQUE MUDROC hydraulic relief valve limits excessive down pressure and prevents mechanical binding and damage to the moldboard cylinder when the grader articulates.



HEAVY DUTY BOX PANEL REINFORCED MOLDBOARD built to withstand even the toughest conditions, while preventing torsional twist.



Unique post design allows **WING-SIDE CAB DOOR ACCESS** (on most models).



Standard 1/2" x 8" SAE 1084 **HIGH CARBON STEEL CUTTING EDGE.**



HENKE'S BOLT-UP DESIGN makes it easy to remove wing post for summer use and to perform maintenance when needed.

KEY BENEFITS



HEAVY DUTY BOX PANEL REINFORCED MOLDBOARD built to withstand even the toughest conditions, while preventing torsional twist.



SPRING CUSHIONED PUSH BEAM with shear bolt to absorb shock loads due to impact reducing stresses on your machine.



Design allows for **6" OF MECHANICAL FLOAT** and approximately 24" - 26" benching height* (*depends on tire height)



UNIQUE MUDROC hydraulic relief valve limits excessive down pressure and prevents mechanical binding and damage to the moldboard cylinder when the grader articulates.



Standard 1/2" x 8" SAE 1084 **HIGH CARBON STEEL CUTTING EDGE.**



HENKE'S 3" BANJO PIN IS THE BEST IN THE INDUSTRY Henke's products are designed to withstand heavy workloads.

STANDARD AHW FEATURES

- Leading end height 28" and discharge end height 38"
- 3/16" thick high tensile steel rolled plate, box paneled design moldboard
- Telescoping, spring cushioned pushbar
- 24"– 28" high benching post assembly of 5/16" high-tensile steel
- Bolt-up design allows post to be unbolted from belly plate (to remove wing post for summer use)
- Unique MUDROC (Make-Up-Dual-Relief-Over-Center) hydraulic relief valve is a standard feature, and prevents mechanical binding that could occur when machine articulates, and provides for limited wing down pressure
- Hose kit to connect Henke wing cylinders to grader valves
- 1/2" x 8" SAE 1084 high carbon steel cutting edge (standard)
- Elevating, Fixed and RearRipper models available

STANDARD PHLW FEATURES

- Leading end height 28" and discharge end height 38"
- 3/16" thick high tensile steel rolled plate, box paneled design moldboard
- Telescoping, spring cushioned pushbar
- 24"– 28" high benching post assembly of 5/16" high-tensile steel
- 3" banjo pin is designed to withstand heavy workloads (to remove wing post for summer use)
- Unique MUDROC (Make-Up-Dual-Relief-Over-Center) hydraulic relief valve is a standard feature, and prevents mechanical binding that could occur when machine articulates, and provides for limited wing down pressure
- Hose kit to connect Henke wing cylinders to grader valves
- 1/2" x 8" SAE 1084 high carbon steel cutting edge (standard)
- Elevating, Fixed and RearRipper models available

COUPLER ADAPTERS FOR CAT LOADERS/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



JRB416 Bolt-on



JRB416 Weld-on



Balderson coupler



ISO coupler

Contact us about
Factory Installation

ALAMO GROUP SNOW TEAM FACTORY INSTALLATION

Take Control of installation costs by having the attachments installed on your CAT Loader / Grader

Equipment is constantly changing - newer models, revised models, to make this process easier you can leave the installation to us. We have been installing attachments on loaders and graders for decades.

We will provide a standard fixed quote for installation - not a range. Your installed packaged will not exceed this cost. Our quote will include items such as hosing, brackets, bulk heads.

Our facility is centrally located in the middle of the United States, which helps with shipping and transportation logistics. ***And we always perform a PDI - Pre Dealer Installation Quality Check before the unit leaves our factory.***



LIFT GROUPS FOR CAT 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

>**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 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 us, you will receive first rate service backed by a team of seasoned industry professionals. **Your** concern is **our** concern and we will give everything we have to create a successful outcome for you.

VISIT HENKE ON YOUTUBE

You'll find short, informative videos highlighting product features and benefits. subscribe to the channel as new videos are constantly added.



Learn more at:
henkemfg.com

