



Cummings & Bricker, Inc.

Snow & Ice MANAGEMENT GUIDE




**BAUMAN
MANUFACTURING**
TAKE IT BY A TRADITION OF QUALITY



DEGENHART

In addition to snow and ice management, **CUMMINGS & BRICKER** is a full service distributor of agricultural, light industrial, forestry and landscape equipment.



For additional information please contact your local dealer.

YOUR LOCAL C&B DEALER:



Cummings & Bricker, Inc.

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1000 SERIES SNOW BLADE



Recommended HP 20-40
Max Operating Weight 3,000 lbs.

- Spring trip on moldboard
- 20" high moldboard
- Lateral float
- 35° manual angle either direction (hydraulic optional)
- Replaceable, reversible steel or rubber cutting edge
- High Tensile AR400 skid shoes
- Available widths: 42" - 96"

2000 SERIES SNOW BLADE



Recommended HP 30-50
Max Operating Weight 5,000 lbs.

- Spring trip on moldboard
- 24" high moldboard
- Lateral float
- Hydraulic 35° angle either direction
- Replaceable, reversible rubber or steel cutting edge
- High Tensile AR400 skid shoes
- Cross-over relief valve protection
- Available widths: 60" - 96"

3000 SERIES SNOW BLADE



Recommended HP 30-80
Max Operating Weight 10,000 lbs.

- Spring trip on cutting edge
- 30" high moldboard
- Adjustable Lateral float
- Two angle cylinders
- Hydraulic 35° angle either direction
- Replaceable, reversible steel or rubber cutting edge
- Adjustable skid shoes
- Cross-over relief valve protection
- Available widths: 72" - 120"

4000 SERIES SNOW BLADE

Recommended HP 60-125
Max Operating Weight
25,000 lbs.



- Spring trip on cutting edge
- 34" high moldboard
- Lateral float
- Two angle cylinders
- Hydraulic 35° angle either direction
- Replaceable, reversible steel or rubber cutting edge
- High Tensile AR400 Skid shoes
- Cross-over relief valve protection
- Heavy duty construction
- Available widths: 9' - 14'

5000 SERIES SNOW BLADE

Recommended HP 90-200
Max Operating Weight 40,000 lbs.



- Spring trip on cutting edge
- 42" high moldboard
- Lateral float
- Two 3 x 16 angle cylinders
- Nitrate rods on angle cylinders - no rust or pitting for a longer seal life
- Hydraulic 35° angle either direction
- Replaceable, reversible steel or rubber cutting edge
- High Tensile AR400 Skid shoes
- Cross-over relief valve protection
- Heavy duty construction on moldboard framework and tripping edge
- Available widths: 9' - 18'

SNOW WING

Open from box blade to straight blade and get that extra clearing width on the fly. The endplates are hydraulically-controlled and equipped with industry-proven rotary actuators, giving limitless control within the massive 180° rotation.

- Double electric selector valve kit
- Front tire protector (*patented feature*)
- Hydraulic rotary actuators on wing pivots (*patented feature*)



Straight Blade

Box Blade

Reverse Box Blade

Angle Blade

3200 SERIES SNOW WING



Recommended HP 50-85

Max Operating Weight 10,000 lbs.

- Same features as 3000 series blade
- 6' - 10' main moldboard with 30" deep/wide wings giving a maximum clearing width of 11' - 15'
- Infinite wing adjustment: 0° to 180°

4200 & 4206 SERIES SNOW WING



Recommended HP 80-150

Max Operating Weight 25,000 lbs.

- Same features as 4000 series blade
- Nitrate rods on angle cylinders - no rust or pitting for a longer seal life
- 8' - 14' main moldboard with 36" (4200 Series) or 72" (4206 Series)

deep/wide wings giving a maximum clearing width of 14' - 26'

- Infinite wing adjustment: 0° to 180°

5200 & 5206 SERIES SNOW WING



Recommended HP 110-200

Max Operating Weight 40,000 lbs.

- Same features as 5000 series blade
- Nitrate rods on angle cylinders - no rust or pitting for a longer seal life
- 9' - 16' main moldboard with 36" (5200 Series) or 72" (5206 Series)

deep/wide wings giving a maximum clearing width of 15' - 28'

- Infinite wing adjustment: 0° to 180°

V-BLADE

- 24" high moldboard
- Available with or without 6" side flares
- Blade floats independently from loader mount
- Replaceable, reversible steel or rubber cutting edge
- Q-tach or direct fit to accept most makes of loaders
- Available widths: 48" - 60" (6" increments)



3600 SERIES 6-WAY SNOW BLADE

Recommended HP 30-80
Max Operating Weight 10,000 lbs.

- Ideal sidewalk blade for compact tractors & Skid steers
- Replaceable, reversible steel cutting edge with spring trip
- 35° angle with cross-over relief valve protection
- 30" high moldboard with lateral float
- High Tensile AR400 skid shoes
- Available widths: 54" - 84" (6" increments)



4600 SERIES 6-WAY SNOW BLADE

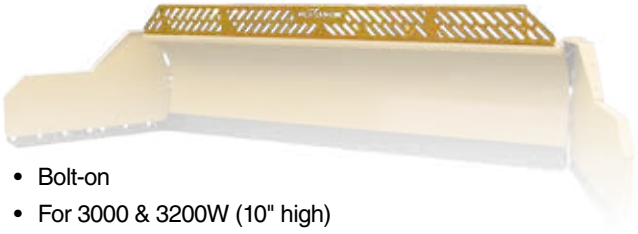
Recommended HP 60-125
Max Operating Weight 25,000 lbs.

- Ideal for small roadways & driveways
- Replaceable, reversible steel cutting edge with spring trip
- 35° angle with cross-over relief valve protection
- 34" high moldboard with lateral float
- High Tensile AR400 skid shoes
- Available widths: 96" - 144"





SPILL GUARD OPTIONS



- Bolt-on
- For 3000 & 3200W (10" high)
- For 4000 & 4200W (12" high)
- For 5000 & 5200W (12" high)

SNOW BLADE CARRIER

- Eliminate over-width issues by loading your HLA snow blade on our Horst carrier and tow it from site to site.
- Quick disconnect - load and reconnect in minutes
- 20.5 x 8-10 F Range highway rated tires
- Fenders
- Road signal light kit
- Approx. weight: 1,050 lbs.



SNOW BLADE MARKERS

- 27" high
- Can be mounted on most blades (Will not adapt to manual flip up end plates)



4000/5000 SERIES LONG WEAR HIGHWAY SKID SHOE OPTION

- Available only for 4000, 4200W, 4500, 5000, 5200W & 5500 Series blades
- Long wearing properties for extended life span



UNDERCARRIAGE TRACTOR MOUNTS

- Heavy duty parallel linkage for raising and lowering blade for optimum lifting height
- Q-tach from blade to undermount is a standard feature using the Euro tool carrier on the 3000 & 4000 series
- The JRB 416 quick attach is used on the 5000 series
- Under mount package includes all mounting hardware and hose kits
- Soft ride accumulator is a standard feature on 3000/4000 & 5000 series





RAZOR SNOW PUSHER



Easily clear snow with the Razor snow pusher from HLA. These snow pushers are available in 10-24 foot widths and offers 6" of vertical travel on each 24" segment. Each segment moves independently to follow the contour of the ground making the Razor ideal for cleaning snow on a variety of different surfaces. Dual action tripping of the moldboard and cutting edge ensures that you never get tripped up and provides the right amount of down pressure for maximum cleaning.

- Floating end plate edge follows surface contour.
- Replaceable, reversible cutting edge is designed to give you twice the life.
- Spring trip cutting edge allows cutting edge to trip back if struck by a hidden object, limiting the damage.
- Available widths: 10' - 24'
- RZ4500 Max Operating Weight: 25,000 lbs.
- RZ6500 Max Operating Weight: 60,000 lbs.

TURF SNOW PUSHER

It's GAME ON with the HLA Turf Snow Pusher

Designed specifically for clearing turf sports fields, the turf snow pusher allows you to get your playing fields game/practice ready in no time.

It's lightweight frame, rounded pipe edges and shoes enables the pusher to glide over turf or field covers and clear snow right down to the turf without doing damage.

WORKING WIDTHS: 4 1/2' - 8'



1500 SERIES SNOW PUSHER

Recommended HP 20-40
Max Operating Weight 3,000 lbs.

- Replaceable, reversible steel or rubber cutting edge
- Double sidewall eliminates bulky brace
- Slim brace design for reduced material build-up
- 18" Deep fixed endplate
- 20" high moldboard
- High tensile AR400 adjustable steel skidbars
- Available widths: 4 1/2' - 5 1/2'



2500 SERIES SNOW PUSHER

Recommended HP 30-50
Max Operating Weight 6,000 lbs.

- 1 1/2" x 6" Dura-blade rubber or steel edge (mounted fixed)
- Double sidewall eliminates bulky brace
- 30" high moldboard
- 30" usable depth
- High tensile AR400 adjustable steel skidbars
- Available widths: 6' - 8'



Back Drag Option

Ideal for back dragging away from doors and loading docks. Steel or rubber edge on back drag. 6' to 8' widths.

3500 SERIES SNOW PUSHER

Recommended HP 30-80
Max Operating Weight 15,000 lbs.

- Replaceable, reversible spring trip rubber or steel cutting edge
- Double sidewall eliminates bulky brace
- 38" high moldboard
- 36" usable depth
- High tensile AR400 adjustable steel skidbars
- Available widths: 7' - 12'



Back Drag Option

Ideal for back dragging away from doors and loading docks. Steel or rubber edge on back drag. 7' to 12' widths.



4500 SERIES SNOW PUSHER



Recommended HP 60-125
Max Operating Weight 25,000 lbs.

- 34" high moldboard
- Spring trip on cutting edge
- Spring trip on end plate
- Replaceable, reversible steel or rubber cutting edge
- Bucket edge mount or Q-tach available
- High tensile long wear skid shoes
- Available widths: 10' - 14'

5500 SERIES SNOW PUSHER

Recommended HP 90-200
Max Operating Weight 40,000 lbs.



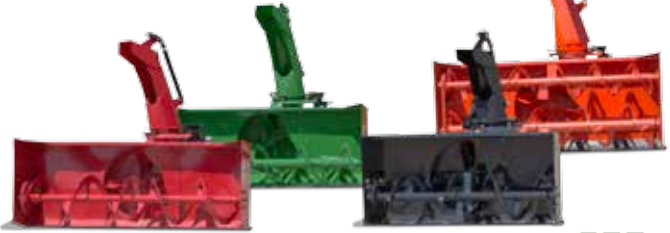
- 42" high moldboard
- Spring trip on cutting edge
- Spring trip on end plate
- Replaceable, reversible steel or rubber cutting edge
- Bucket edge mount or Q-tach available
- High tensile long wear skid shoes
- Available widths: 12' - 18'

REAR 3PH MOUNT

- Utilize your pusher as a pull type unit
- Available on all 2500 & 3500 pushers
- Ideal for cleaning away from doors & loading docks
- SP2500 fits both Cat I & II
- SP3500 fits Cat II
- Approx. weight: 375 lbs.



METEOR SNOW BLOWERS



SINGLE AUGER SNOW BLOWERS

Built to get your work off the ground with high capacity and a durable performance design. Models range from 12 HP compact tractors to 125 HP farm tractors. Hydraulic chutes available.

SINGLE AUGER WORKING WIDTHS: 48" - 97"



DOUBLE AUGER SNOW BLOWERS

Dual auger snow blowers work well in both large area and commercial applications. Boasting up to a 120" cutting path, these Snow blowers accommodate an additional auger to help chew down the most stubborn of snow banks.

Larger blowers means larger tractors. To accommodate the PTO needs of larger tractors dual auger blowers are compatible with the optional 1000 RPM PTO kit providing the perfect connection.

DOUBLE AUGER WORKING WIDTHS: 87" - 108"





TRUCK LOADING CHUTE

During tough winters when the snow starts to pile up the Meteor truck loading chute is the answer. This extendible chute allows operators more flexibility and control for where snow is placed. The extendible chute and the multi-hinged deflector makes placing snow higher on the pile or into an awaiting truck easy and virtually spill free.

The truck loading chute is available on all dual auger models. The chute features hydraulic rotation, hydraulic height extension, and a hydraulic deflector. These three independent controls work together to ensure that snow is placed with extreme precision.



INVERTED SNOW BLOWERS

DON'T LOOK BACK.



The pull type Meteor models are built with the same durability as our forward facing models. Rather than having to look over your shoulder to guide the blower around objects the pull type blower follows the path of your tractor. This action keeps the operator driving away from the blown snow increasing visibility and creating a better operator experience.

Many snow contractors have switched from truck mounted plows to tractors with inverted snow blowers because of the speed and efficiency they provide.

A 3 point hitch pull type Meteor Snow blower can be equipped with an optional hydraulically operated scraper. Equipped with corner markers so you always know it's position, the scraper allows you to pull snow away from doorways and structures so you don't miss a thing.

WORKING WIDTHS: 69" - 87"





LOADER MOUNT SNOW BLOWERS

Loader mounted snow blowers are ideal for mid-sized compact tractors. Universal skid steer style mount is standard.



The package includes a Category I 3 point hitch mounted self-contained 30 GPM PTO driven power pack with 30 gallon capacity (oil not included). Hoses from the oil tank to the blower are included along with the electrical harness for chute rotator and control box (electric deflector optional).

Minimum horse power required is 40 HP and a maximum of 65 HP.

WORKING WIDTHS: 66" - 86"



SKID STEER SNOW BLOWERS

Meteor hydraulically driven blowers utilize two hydraulic motors. One drives the auger, the other drives the five bladed fan. One set of hydraulic remotes is required. Select the unit with hydraulic flow that best matches the skid steer flow. Chute is offset for better visibility. Electric chute rotation is standard with an in-cab control box. Machines are equipped with hoses and flat faced couplers matched to hydraulic flow.



WORKING WIDTHS: 62" - 96"



FRONT HITCH/PTO DRIVE SYSTEMS

Attach your snow blower to the front of your tractor with Degenhart's front linkage and PTO drive system. Designed for most popular model tractors.

FEATURES:

- High-quality powder coated welded frames
- Double acting lift cylinders
- Solid lower arms can be swiveled upwards to accommodate current makes of front end loaders
- Front PTO's with continuous power up to 147HP
- Easy installation



SNOW BUCKET



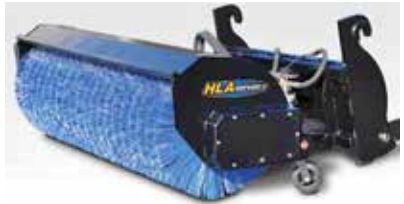
Heavy duty grating for improved visibility.

- 38" deep
- 32" high
- Available widths: 60" - 120" (6" increments)

OPTIONAL: Bolt on cutting edge and bolt on serrated edge

HYDRAULIC ROTARY BROOM

- Unique lateral and forward float
- Gauge wheels
- Includes electric selector valve and wire kit (if you do not choose OEM control kit)
- Includes hydraulic hoses and flat-faced couplers
- 26" diameter wafers poly/steel
- Hydraulic angle 30° right and left
- Direct motor drive on broom
- Oil flow required 12-20 GPM
- Electrical wiring kit needed to connect your OEM
- Skid steer auxiliary electric controls.



OPTIONAL: Reversible rotation for sweeping away from doors etc.





BMC PENDULUM SPREADERS

Although designed to accurately spread granular fertilizer and seeds. Virtually anything, including salt and sand, can be spread.



DISTRIBUTION SYSTEM

Pendulum spreaders deliver the most accurate overlapping spread pattern possible. An equal amount of material is spread on either side in a symmetrical pattern. The maximum spreading width is 46'. Material is kept close to the machine with no overspray on the tractor.

AMP SERIES SPREADER

Category I 3 point hitch

PTO: 540 RPM

HOPPER CAPACITY: 10.6 CF



AIP SERIES SPREADER

Category I & II 3 point hitch

PTO: 540 RPM - Shear Bolt

HOPPER CAPACITY: 17.65 - 21.9 CF

MODELS: AIP500, AIP600



AIG SERIES SPREADER

Category II w/ quick hitch bar

PTO: 540 RPM - Shear Bolt

HOPPER CAPACITY: 28.25 - 42.4 CF

MODELS: AIG800, AIG1000, AIG1200



ASG SERIES SPREADER

Category II w/ quick hitch bar

PTO: 540 RPM - Shear Bolt

HOPPER CAPACITY: 38.8 - 58.27 CF

MODELS: ASG1100, ASG1400, ASG1650





BAUMAN DROP SPREADERS

will dispense de-icing material evenly in a pattern rather than in a solid layer. The distributor drum maintains the spread width to direct

the material to drop exactly where you want it. This prevents material waste as well as turf damage from salt, both of which can be a problem with the spinner type spreaders.

Exclusive polymer fingers regulate material and will maintain their shape if backed into a snow bank. Replacement cost of fingers is a fraction of steel fingers used by competitors.

Separate drums available for salt or sand for optimum rate adjustment and distribution. Drums and agitators are easily accessible for maintenance or changing from one to another.

Powder coat paint for long hopper life.

**220 SERIES
SIDEWALK DROP SPREADER**

Easy maneuverability with hardened steel axles for durability when loading and unloading from pickup truck beds.

- CAPACITY:** 2 cubic feet
- SPREAD WIDTH:** 20"



440E SERIES

- CAPACITY:** 4 cubic feet
- SPREAD WIDTH:** 40"
- 12volt Electric Drive



640 SERIES

- PTO, hydraulic or electric drive
- CAPACITY:** 6 1/2 cubic feet
- EXTENSION CAPACITY:** 8 3/4 cubic feet
- SPREAD WIDTH:** 40"



1140 SERIES



PTO or hydraulic drive
CAPACITY: 11 cubic feet
EXTENSION CAPACITY:
16 cubic feet
SPREAD WIDTH: 40"

1040SI SERIES



12 Volt electric drive
CAPACITY: 10 cubic feet
SPREAD WIDTH: 40"

1040B & 1560B SERIES



Hydraulic Drive - Equipped with hydraulic flow control valve.
3 point hitch tilt brackets available

1040B
CAPACITY: 10 cubic feet
SPREAD WIDTH: 40"



1560B
CAPACITY: 15 cubic feet
SPREAD WIDTH: 60"



THE SCATTER SHOT makes short work of your spreading tasks. This broadcast spreader comes in a Singleshot and Doubleshot model.

Self-loading with hydraulic flow control for spinner speed.

Give your plow all the back up it needs with the 3 point mount. Now you can plow, load and spread all with one machine.

Built with heavy gauge corrosion resistant galvanized steel for durability and long life. Floating agitator breaks up clumps. Optional 36" sidewalk drop shield on HS100.

HS100 SERIES SINGLE SHOT



Single rotor

CAPACITY: 1/2 yard

SPREAD WIDTH: 3'-40'

HYDRAULIC REQUIREMENTS: 5-20 gpm @ 3000 PSI

Includes hydraulic hoses and flat-faced couplers

Available in self loading hydraulic drive or 3PH mount PTO drive (not self loading)

STANDARD FEATURES



Manual Flow
Rate Adjustment
Slider



Floating Agitator



Sawdust Chute



Hydraulic
Shutoff Gate



36" Sidewalk
Drop Shield

OPTIONAL FEATURES



HS200 SERIES DOUBLE SHOT



Twin rotor

CAPACITY: 1 1/2 yard

SPREAD WIDTH: 6'-60'

HYDRAULIC REQUIREMENTS: 10-30 gpm @ 3000 PSI

Includes hydraulic hoses and flat-faced couplers

Available in self loading hydraulic drive or hydraulic drive not self loading

STANDARD FEATURES



Floating Agitators



Twin Hydraulic Spinners



Spinner Speed Control



Manual Flow Rate Adjustment Slider



VICON PENDULUM SPREADERS

Superflow Pendulum Spreaders

Over one million machines sold proves that the Vicon pendulum spreader is the first choice wherever the demand is for maximum accuracy. Spreading quality and ease of operation of this unique machine are unequaled now as in the past. The pendulum movement of the spout ensures that the application rate is always identical on both sides. This results in an excellent overlap.



Unlike spinner type spreaders material is kept close to the tractor. No "overspray" on the tractor or machine. Spread pattern allows for more forgiveness due to the overlap.

A wide selection of spouts including spouts for salt, grit, and sand illustrates the versatility of Vicon spreaders.

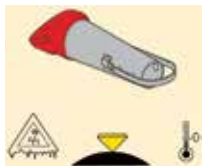
SUPERFLOW SPREADERS



A variety of spouts for spread widths for salt and sand from 6.5' to 39'. Heavy duty polyethylene hopper.

CAPACITY: 8 CF - 18 CF

AVAILABLE SPREADER SPOUTS



Salt/Grit Spreader Spout (long)

Salt application on icy roads and pathways

Spreading Width: 16'-39'



Salt/Grit Spreader Spout (medium)

Salt application on icy roads and pathways

Spreading Width: 16'-19'



Salt/Grit Spreader Spout (short)

Salt application on icy roads and pathways

Spreading Width: 6.5'-13'

Bringing you the right equipment



to weather the storm.



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