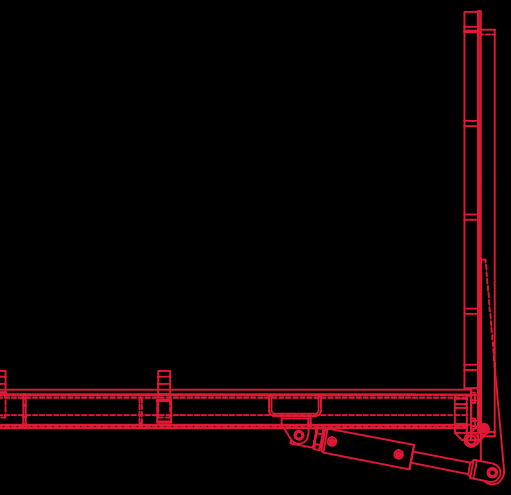
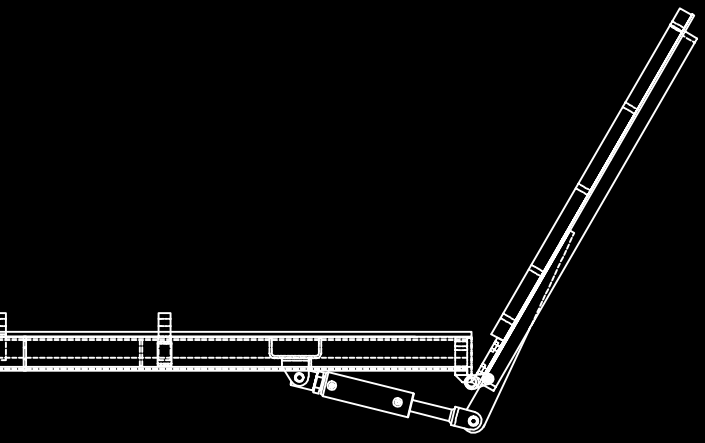
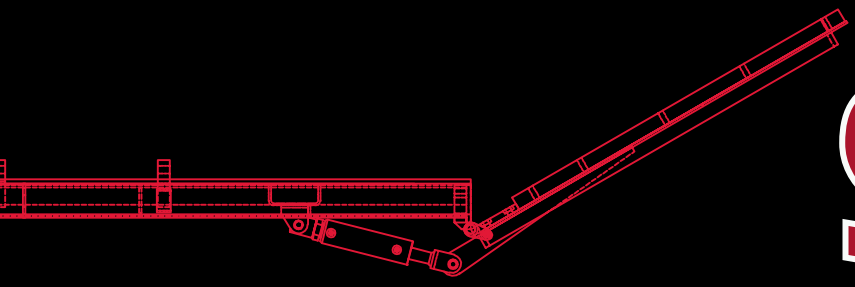
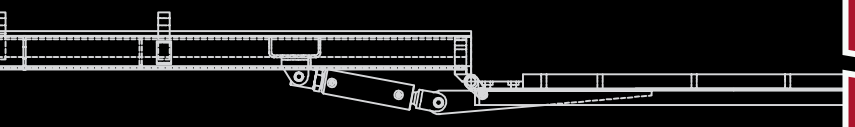








EBLING BACK BLADE

EBLING & SON BLACKSMITHS
Since 1896

Efficient Snowplow Solutions

WHY A BACK BLADE?

There are many snow plowing applications where a Back Blade – *a plow designed to pull snow* – gets the job done better and in less time than with a front plow designed to push snow. A Back Blade can substantially improve your efficiency and profits when you plow:

- Parking Lots – Plow with a 12-foot, 14-foot, or 16-foot plow width instead of limiting your coverage to part of your front plow.
- Entrance Approaches – Drop your Back Blade on the way in and pull the snow into the lot. No more waiting for traffic to clear to pull out into the roadway.
- Truck Dock Wells – Back into the dock and pull the snow out. Improved scraping action along with better visibility than back-dragging.
- Residential Driveways – Back in, drop the Back Blade and pull the snow out. Less passes, no back-dragging, and hydraulic down pressure reduces hard-packed snow.
- And More – Can you think of other ways you could use this unique tool to improve your snow plowing business?

TRUCK FIXED WING MODEL

The Ebling Truck Fixed Wing Back Blade incorporates many of the core design features seen on the hydraulic wing model into a rugged Back Blade that will meet your plowing requirements where the additional width of a hydraulic wing blade is not needed.

- One-piece, all-welded construction on moldboard and wings
- Heavy-gauge steel wing bolts to the side of the moldboard
- Support arm on inside of each wing creates strong, rigid plow corner
- Hydraulic down pressure for maximum scraping action
- Carbon steel moldboard cutting edge and durable polyurethane wing cutting edges standard

EBLING TRUCK BACK BLADE SPECIFICATIONS - FIXED WING MODEL		
Model Number	**FW21X90**	**FW21X96**
Blade Height	**21”**	**21”**
Blade Width	**90”**	**96”**
Fixed Wing Length	**24”**	**24”**
Attachment System	***Quick-Detach***	***Quick-Detach***
Moldboard Cutting Edge	**½” x 6” Steel**	**½” x 6” Steel**
Wing Cutting Edges	**1½” x 6” Poly**	**1½” x 6” Poly**
Plow Weight *	**590 lbs.**	**610 lbs.**
Vehicle Application Guideline	**3/4-Ton, 1-Ton Trucks**	

* Estimated weight, does not include truck mount

Model FW21x96 Pictured

MADE IN THE USA

TRUCK HYDRAULIC WING MODEL

The Ebling Truck Hydraulic Wing Back Blade is designed and constructed to be one of the most rugged in the snow plowing industry.

- **One-piece, all-welded construction on moldboard and wings**
- **Moldboard design accepts any size hydraulic wing**
- **Hydraulic down pressure for maximum scraping action**
- **Break-away feature on each wing reduces possibility of damage to the plow in the event of a collision with an obstruction**
- **Carbon steel moldboard cutting edge and durable polyurethane wing cutting edges standard**

EBLING TRUCK BACK BLADE SPECIFICATIONS - HYDRAULIC WING MODEL			
Model Number	**HW21X90X12**	**HW21X90X14**	**HW21X90X16**
Blade Height	**21”**	**21”**	**21”**
Blade Width (Wings Full Closed)	**96”**	**96”**	**96”**
Blade Width (Wings Full Open)	**144”**	**168”**	**192”**
Attachment System	***Quick-Detach***	***Quick-Detach***	***Quick-Detach***
Moldboard Cutting Edge	**½” x 6” Steel**	**½” x 6” Steel**	**½” x 6” Steel**
Wing Cutting Edges	**1½” x 6” Poly**	**1½” x 6” Poly**	**1½” x 6” Poly**
Plow Weight *	**715 lbs.**	**775 lbs.**	**825 lbs.**
Vehicle Application Guideline	**3/4-Ton, 1-Ton Trucks**		

* Estimated weight, does not include truck mount

Model HW21x90x16 Pictured

MADE IN THE USA

TRACTOR HYDRAULIC WING MODEL

The Ebling Tractor Hydraulic Wing Back Blade utilizes many of the same features seen on the truck models to offer a versatile, rugged Back Blade for tractor plowing applications.

- Two blade heights accommodate a range of tractor sizes
- One-piece, all-welded construction on moldboard and wings
- Forward rake angle on moldboard cutting edge for improved scraping action
- Break-away feature on each wing reduces possibility of damage to the plow in the event of a collision with an obstruction
- Controls utilize the onboard 3-point and auxiliary hydraulic controls on the tractor
- Two remote valves required on back of tractor for independent wing control

EBLING TRACTOR BACK BLADE SPECIFICATIONS					
Model Number	**HW24X96X16**	**HW30X102X16**	**Model Number**	**HW24X96X16**	**HW30X102X16**
Blade Height	**24”**	**30”**	**Moldboard Cutting Edge**	**¾” x 6” Steel**	**¾” x 6” Steel**
Blade Width (Wings Full Closed)	**104”**	**110”**	**Wing Cutting Edges**	**1½” x 6” Poly**	**1½” x 6” Poly**
Blade Width (Wings Full Open)	**192”**	**192”**	**3-Point Attachment System**	**Cat. I, II, III**	**Cat. I, II, III**
Plow Weight *	**1,020 lbs.**	**1,225 lbs.**	**Vehicle Application Guideline**	**45 HP Minimum****	**75 HP Minimum****

* Estimated weight, includes 3-point mount

** Depends on tractor horsepower-to-weight ratio

MADE IN THE USA

Model HW30x102x16 Pictured

TRUCK MOUNT

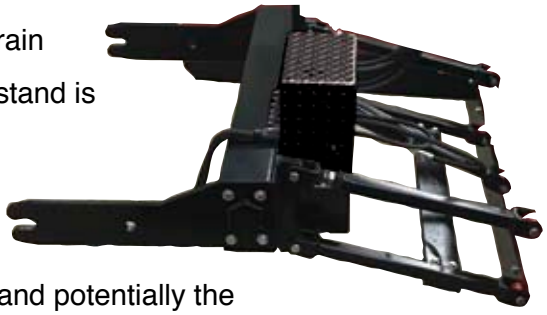
The Ebling plow mount is a heavy-duty, multi-purpose unit that bolts to the truck frame and typically replaces the factory trailer hitch (if so equipped).

- Vehicle-specific design
- Low profile, under-bumper configuration
- Integral V-5 rated hitch receiver (14,000 lb.GTW / 1,400 lb.TW)
- Custom applications available

QUICK DETACH

The Ebling Quick-Detach Back Blade attachment system allows fast mounting & de-mounting of the plow, and enhances Back Blade performance while plowing.

- Rugged steel arms engage in pockets of truck mount
- 1” diameter steel pins secure the arms in the truck mount pockets
- 4-bar parallel linkage design guides plow straight up and down
- Stabilizer bar helps maintain cutting edge contact with uneven terrain
- Built-in plow stand for de-mounting and off season storage. Plow stand is easily stored on the QD channel for full use of the trucks tailgate
- The universal QD channel will accept all 3 removable QD arm sets. This will allow the blade and universal QD channel with pump to be transferred in the future to either Ford, GM or Dodge pickup trucks simply by purchasing a truck specific mount and potentially the corresponding QD arm set

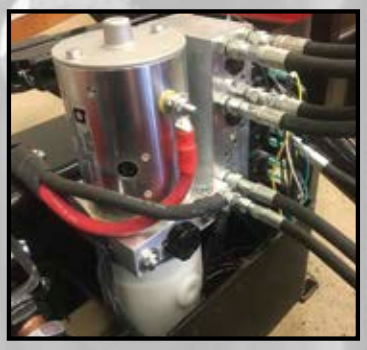


ELECTRICAL POWER CONNECTIONS

- Quality electrical components ensure a positive connection to your vehicle and provide less down time.
- The power connections for the Ebling Back Blade are typically mounted into the side of the pickup truck box near the rear but can easily be relocated for a flatbed or other application.
- Power cords come 7ft standard length. Long enough to go up and over the tailgate or to another location.

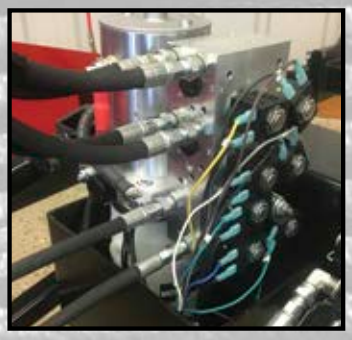
HYDRAULIC PUMP

- The Ebling pickup truck Back Blade is powered by an American made, self-contained hydraulic power unit with integral fluid reservoir and onboard valves. The pump is mounted vertically on the back side of the Universal QD channel. This vertical mount allows the tailgate to fully open without interfering with the pump. It also allows easy access for maintenance.



HW PUMP

- Plow with confidence knowing that the fluid reservoir and pump are protected on the bottom and sides by a 3/16" steel enclosure and that all wiring is secure under the easy on/off pump cover.
- The hydraulic pump can easily produce enough power to transfer weight from the rear of the truck to the Back Blade. The down pressure along with a steel cutting edge is capable of scraping up hard pack snow and leaving a clean surface.



HW PUMP

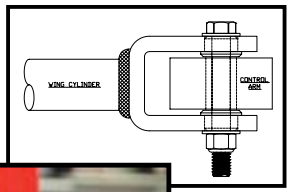
CONTROLLERS

- Large levers for positive control of blade movements
- On/off switch to de-energize power to blade when not in use
- Independent wing control levers can stop a wing in any position between full closed and full open (hydraulic wing models only)
- Remote raise/lower switch at rear of vehicle for mounting and de-mounting Back Blade
- Customized applications, including combined arrangement with front blade controls, are also available

CORNER CLOSURE DESIGN

To minimize snow leakage a polyurethane block has been incorporated into the bottom corner of the wing. This allows the gap to be filled throughout the entire wing movement.

WING BREAK-AWAY FEATURE

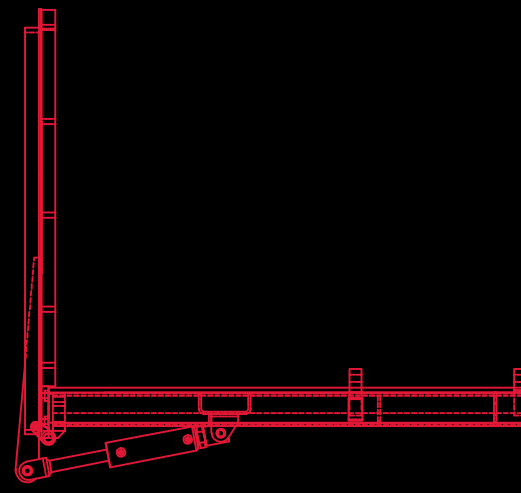


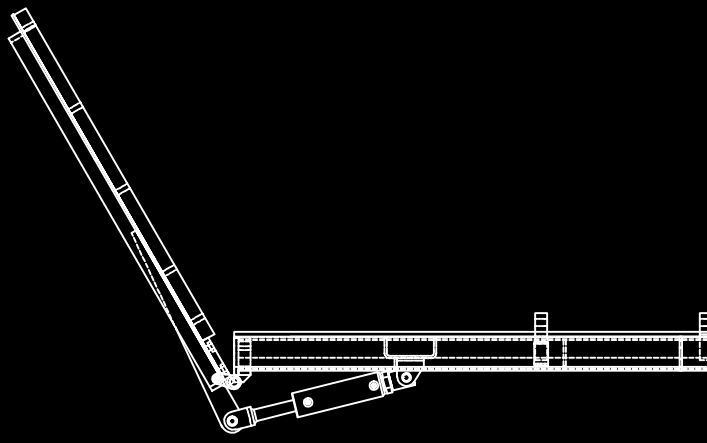
All hydraulic wing models incorporate a shear bolt on each wing that is designed to break when an obstruction is hit hard enough. When the shear bolt breaks, the wing can rotate 180° out of the way to clear the obstruction and reduce the possibility of damage to the wing.

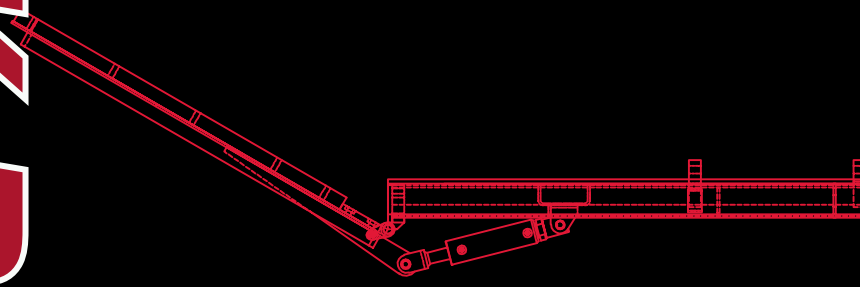
* Plowing can be resumed immediately after replacing the shear bolt, instead of heading to the repair shop.

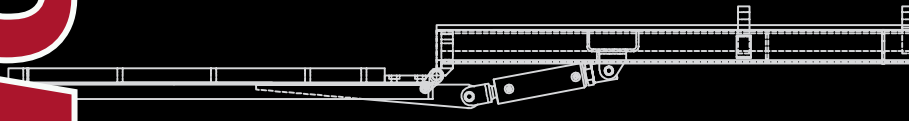
**Due to the many variables present in any collision, the break-away feature is not intended nor is it guaranteed to be a 100% solution in every possible situation where an obstruction is encountered.*

EBLING BACK BLADE









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