



The Norden System Accumulators, Tie-Grabbers & Grabbers



Minimize your labor in small square bale handling.

For more than 15 years, we've been hard at work designing, building, testing and retesting on our farm, with unceasing attention to detail, all with one aim: to design the most efficient, labor-minimizing, user-focused bale handling system.

Norden accumulators can easily manage:

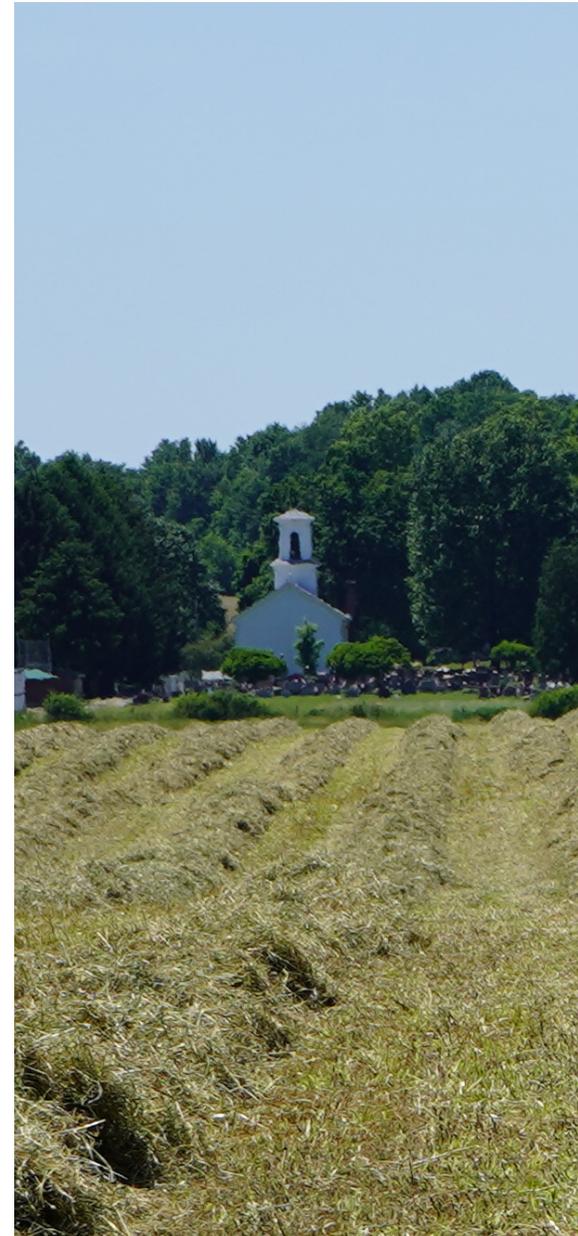
35–80 lb
bales

32–40 inches
long

12 bales
per minute

The Norden System works for operations ranging from:

1,000–130,000 bales
per year







AE15 Accumulator (15 Bale Edge)

Efficient. Labor-minimizing. User-focused.

We understand that you need tools that work harder for your operation. The Norden System is designed to be so efficient that one person can easily move hundreds of bales in a single day. Equipment compatibility is designed into the system as well, so you can select the right models to fit your existing equipment and stacking preferences.

Norden SYSTEM

Norden Accumulator

- Fully automated with no hydraulics or electronics
- Superior handling of high-capacity baler output
- Bales carried gently for cleaner hay
- Performs well on both rolling and flat terrain
- Rust-proof stainless steel deck for easy bale slide
- Bales exit accumulator in a well-aligned bunch
- Tray included for storage of additional twine

Norden Tie-Grabber

- Safer and faster loading and stacking
- Tied groups make more secure loads for transport
- Squeeze bar creates tightly wrapped group
- Knotter consistently makes clean, tight knots
- Twine box holds two balls of twine

Norden Grabber

- Works with any brand accumulator
- Great for unloading and reloading
- Grabs and stacks bales flat or on edge
- Durable 3/16" tubing frame and UHMW bushings
- Powder coated paint resists scratching, rusting
- Adjustable guide bar tightens bale group together
- Cast hooks are easy to mount and replace



AF10 Accumulator (10-Bale Flat)



KN615 Tie-Grabber



510F Grabber

The Norden System

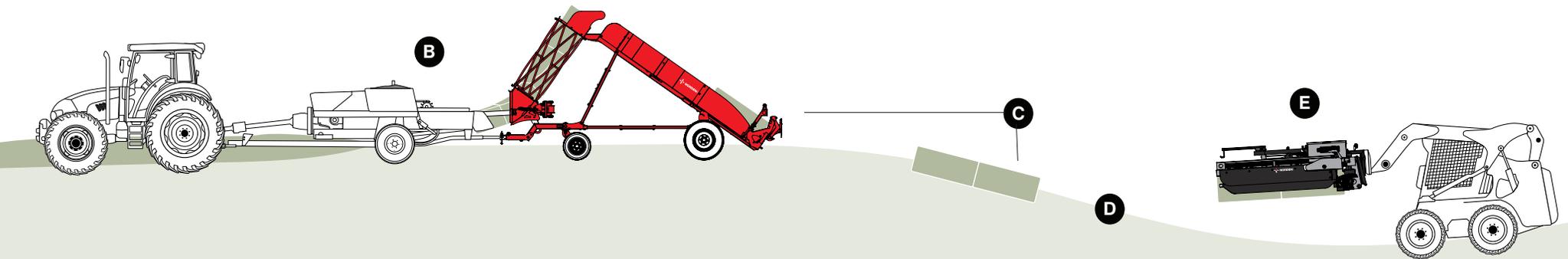


The Norden Hay Accumulator uses gravity and a simple mechanical system to efficiently arrange bales into a group that is then dropped in the field. A Norden Mfg Grabber or Tie-Grabber mounted on a front end loader or skid steer picks up the bales to load them onto a waiting truck, trailer or wagon. The groups can then be unloaded into the barn via the grabber without an operator ever needing to touch a bale.

A] The standard stainless steel gate section provides a better surface for bales to slide in higher dirt and moisture conditions.

B] Norden Accumulators fit all 14" x 18" two twine bales and our flat models can also accommodate 16" x 18" two twine bales.

C] As gravity moves the bales downward, the last bale in each row swings a gate to open the next row. The last bale triggers the back gate and the accumulator unloads its group on the ground, ready for pickup by a tie-grabber or standard grabber. The top-hinged back gate closes as soon as the last bales slide out, ready for the next grouping.



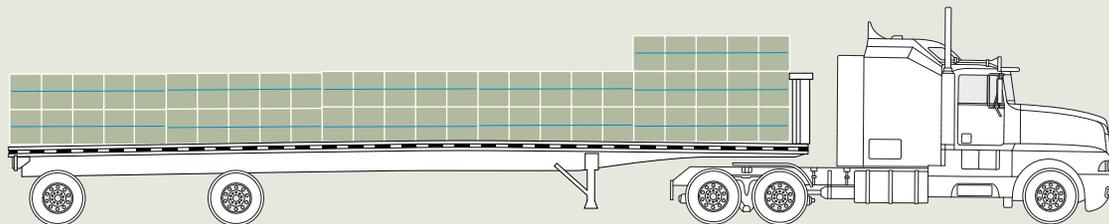
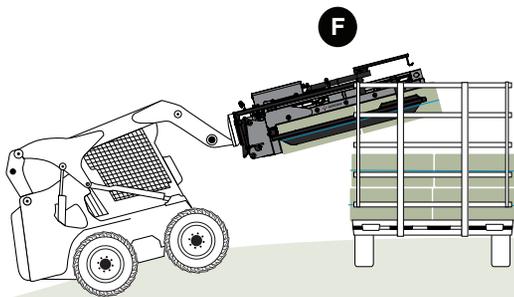
D] Norden Accumulators feature a naturally low center of gravity which continues to increase as more bales are added. This attribute makes our accumulators greatly effective for baling on hillsides.

E] The Norden Mfg patented tie-grabber wraps a string around each group of bales that it picks up.

F] The uniform, tightly wrapped grab gives you peace of mind that your stacks are safely secured on the wagon and in the barn.

G] The system really pays off when you can use your loader to fill your storage. It is just as easy to retrieve the bales when you want to sell or feed them.

H] Use the grabber on either a skid steer or your front end loader on your tractor, or even a telehandler or forklift.



Accumulators

AE18: 18 Bale Edge

- Great for filling a 9' x 24' wagon
- Perfect for loading van trailers from the rear
- Almost twice as efficient compared to the AE10 and AF10 models
- Same bale group footprint as the AF15 model
- Norden System compatibility: **KN618 & 618**



AE15: 15 Bale Edge

- Perfect arrangement for filling a 9' x 20' wagon
- One-third more efficient compared to the AE10 and AF10 models
- Same bale group footprint as the AF12
- Norden System compatibility: **KN615 & 615**



AF12: 12 Bale Flat

- Well-suited for filling a 9' x 20' wagon
- A popular choice for accumulating bales on their strings
- Same bale group footprint as the AE15
- Norden System compatibility: **KN612F & 612F**



AF10: 10 Bale Flat

- The arrangement of 2.5 rows of bales fits perfectly on a 8' wagon side-to-side
- Our most popular accumulator
- Well suited for small farms
- The tie row allows for cross-stacking on wagon with the KN510F tie-grabber or 510F grabber, for a more stable load
- Norden System compatibility: **KN510F & 510F**



AE10: 10 Bale Edge

- Well suited for small farms
- Lower lifting capacity requirements
- Bales measuring 36" long, may be cross stacked with the 510 Grabber
- Norden System compatibility: **KN510 & 510**



AF15: 15 Bale Flat

- Great for filling a 9' x 24' wagon
- Perfect for loading van trailers from the rear
- Our largest configuration for bales on their strings
- Same bale group footprint as the AE18
- Norden System compatibility: **KN615F & 615F**



AF8: 8 Bale Flat

- Excellent for smaller operations
- Bales measuring 36" long, may be cross stacked with the 408F Grabber
- Norden System compatibility: **KN408F & 408F**



AF4: 4 Bale Flat

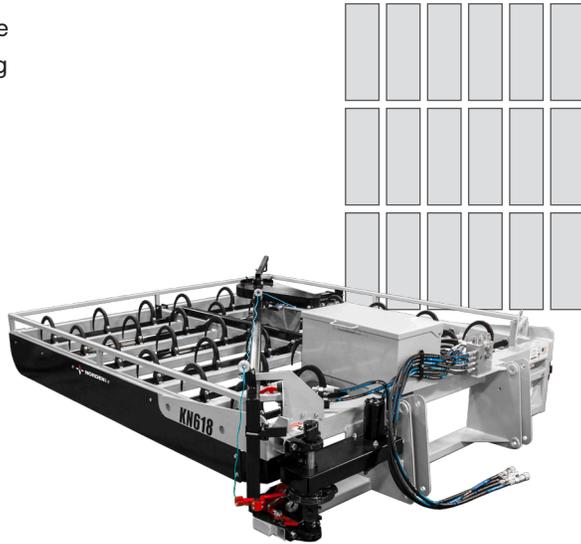
- Our smallest accumulator
- Recommended for operations of less than 5000 bales-per-year
- Bales measuring 36" long may be cross stacked with the EGF8 grabber
- Norden System compatibility: **EGF8 & 408F**



Tie-Grabbers

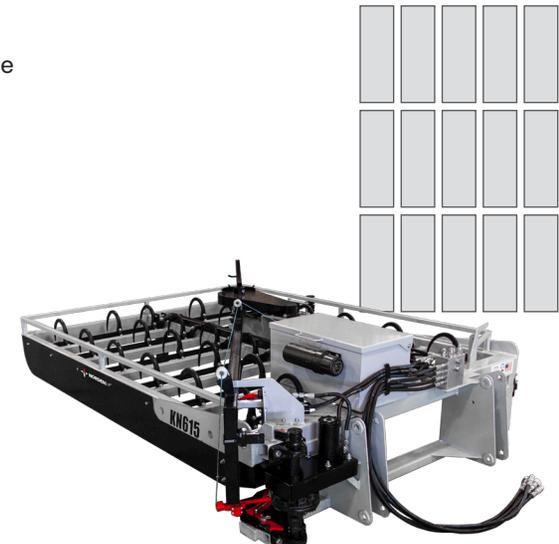
KN618 : 18 Bale Edge

- Picks up the bales 6 wide and 3 long on edge using 36 hooks on 6 bars
- Handles 14" x 18" bales 32-36" long*
- 2600 lb lift capacity**
- Norden System compatibility: **AE18 & 618**



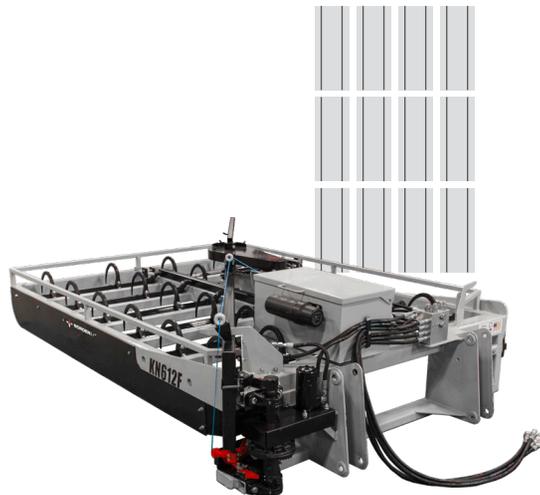
KN615: 15 Bale Edge

- Picks up the bales 5 wide and 3 long on edge using 30 hooks on 6 bars
- Handles 14" x 18" bales 32-36" long*
- 2400 lb lift capacity**
- Norden System compatibility: **AE15 & 615**



KN612F: 12 Bale Flat

- Picks up the bales 4 wide and 3 long on their strings using 24 hooks on 6 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 2300 lb lift capacity**
- Norden System compatibility: **AF12 & 612F**



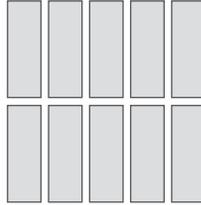
KN510F: 10 Bale Flat

- Picks up the bales on their strings 4 wide and 2 long, plus a tie row with 2 bales turned sideways, using 27 hooks on 5 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 1900 lb lift capacity**
- Pick up the bales from either the 2 or 4-bale side
- Norden System compatibility: **AF10 & 510F**



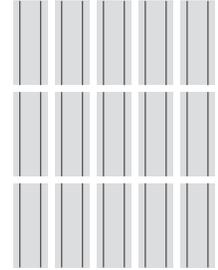
KN510: 10 Bale Edge

- Picks up the bales 5 wide and 2 long on edge using 25 hooks on 5 bars
- The 10 bale edge group can be picked up from any side of the group
- Handles 14" x 18" bales 32-36" long*
- 1800 lb lift capacity**
- Norden System Compatibility: **AE10 & 510**



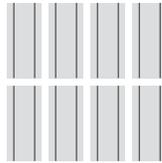
KN615F: 15 Bale Flat

- Pick up the bales 5 wide and 3 long on their strings using 30 hooks on 6 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 2500 lb lift capacity**
- Norden System Compatibility: **AF15 & 615F**



KN408F: 8 Bale Flat

- Picks up the bales 4 wide and 2 long on their strings using 16 hooks on 4 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 1700 lb lift capacity**
- Norden System compatibility: **AF8 & 408F**



Norden Tie-Grabbers come standard with a single hydraulic circuit. A two-circuit connection is available upon request.

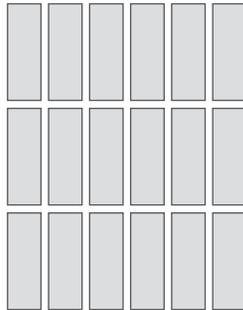
* With no adjustments. An extended version is available for bales longer than 36."

** Lift capacity is an estimate based on an average bale weight of 40-50 pounds. However, it is up to the individual to determine their specific loader requirements.

Grabbers

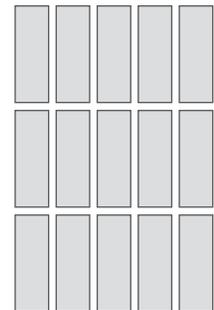
618: 18 Bale Edge

- Picks up the bales 6 wide and 3 long on edge using 36 hooks on 6 bars
- Handles 14" x 18" bales 32-36" long*
- 2200 lb lift capacity**
- Norden System compatibility:
AE18 & KN618



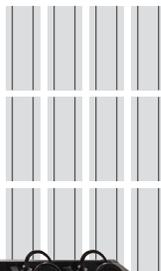
615: 15 Bale Edge

- Picks up the bales 5 wide and 3 long on edge using 30 hooks on 6 bars
- Handles 14" x 18" bales 32-36" long*
- 1900 lb lift capacity**
- Norden System compatibility:
AE15 & KN615



612F: 12 Bale Flat

- Picks up the bales 4 wide and 3 long on their strings using 24 hooks on 6 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 1800 lb lift capacity**
- Norden System compatibility:
AF12 & KN612F



510F: 10 Bale Flat

- Picks up the bales on their strings 4 wide and 2 long, plus a tie row with 2 bales turned sideways, using 27 hooks on 5 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 1700 lb lift capacity**
- Norden System compatibility:
AF10 & KN510F

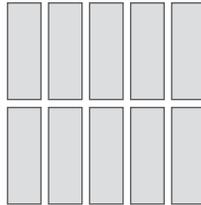


* With no adjustments. An extended version is available for bales longer than 36".

** Lift capacity is an estimate based on an average bale weight of 40-50 pounds. However, it is up to the individual to determine their specific loader requirements.

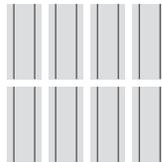
510: 10 Bale Edge

- Picks up the bales 5 wide and 2 long on edge using 25 hooks on 5 bars
- The 10 bale edge group can be picked up from any side of the group
- Handles 14"x18" bales 32-36" long*
- 1500 lb lift capacity**
- Norden System compatibility: **AE10 & KN510**



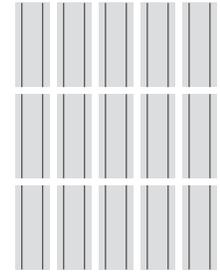
408F: 8 Bale Flat

- Picks up the bales 4 wide and 2 long on their strings using 16 hooks on 4 bars.
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 1400 lb lift capacity**
- Norden System compatibility: **AF8 & KN408F**



615F: 15 Bale Flat

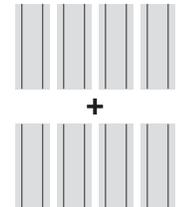
- Picks up the bales 5 wide and 3 long on their strings using 30 hooks on 6 bars
- Handles 14" x 18" and 16" x 18" bales 32-36" long*
- 2100 lb lift capacity**
- Norden System compatibility: **AF15 & KN615F**



EGF8: 8 Bale Flat

- Picks up the bales on their strings 4 wide and 2 long, using 16 hooks on 4 bars.
- Handles 14" x 18" and 16" x 18" bales 32-38" long*
- The two bale length allows for narrower wagons or for longer bales than models that arrange the bales 3 long.
- Skidsteer quick attach bracket and 6' hydraulic hoses are standard.
- 1150 lb lift capacity**

- Norden System compatibility: **AF4 & AF8**





EGF8 Grabber

AF4 Accumulator



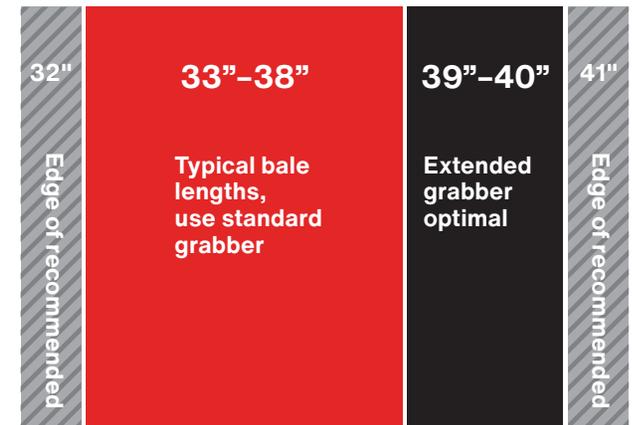
Maximizing time for even small acreage growers.

The 4 Bale Flat System is uniquely designed for growers baling less than 5000 bales-per-year. The AF4 Accumulator and EGF8 Grabber team up to provide the same great experience expected of Norden Systems but at a much lower initial investment than our full-sized models.

The AF4 accumulates in groups of 4 bales at a speed of up to 12 bales per minute. The EGF8 grabber picks up two of these 4 bale groups and stacks them on a wagon in 8 bale groups. The EGF8 is light enough at just 415 pounds that it can be paired with a utility tractor or small skid loader for loading and unloading.

Norden Accumulator Bale Length Recommendations

Models AF4-AE18 (except AF10, see below)



Model AF10



System	Models	Shipping Dimensions	Working Dimensions	Approximate Weight	Bale Size	Grouping Size	Lift Capacity Requirement**
18 Bale Edge	AE18 Accumulator	24'8"L x 9'4"W x 5'7"H	24'7"L x 9'4"W x 12'7"H	3030 lb	14" x 18" x 32-40"	84" W x 96-132"L	•
	KN618 Tie-Grabber	109"L x 95"W x 30"H	95" L x 87.5"W	1540 lb	14" x 18" x 32-40"*	•	2600 lb
	618 Grabber	105"L x 89"W x 22"H	95" L x 87.5"W	840 lb	14" x 18" x 32-40"*	•	2200 lb
15 Bale Edge	AE15 Accumulator	21'6"L x 7'10"W x 5'7"H	21'5"L x 7'10"W x 11'1"H	2480 lb	14" x 18" x 32-40"	75"W x 96-132"L	•
	KN615 Tie-Grabber	109"L x 78"W x 30"H	95"L x 72"W	1480 lb	14" x 18" x 32-36"*	•	2400 lb
	615 Grabber	105"L x 72"W x 22"H	95"L x 72"W	780 lb	14" x 18" x 32-36"*	•	1900 lb
10 Bale Edge	AE10 Accumulator	17'5"L x 7'10"W x 5'7"H	17'4"L x 7'10"W x 9'2"H	2130 lb	14" x 18" x 32-40"	75"W x 64-96"L	•
	KN510 Tie-Grabber	86"L x 78"W x 30"H	72"L x 72"W	1380 lb	14" x 18" x 32-36"*	•	1800 lb
	510 Grabber	82"L x 72"W x 22"H	72"L x 72"W	680 lb	14" x 18" x 32-36"*	•	1500 lb
15 Bale Flat	AF15 Accumulator	21'10"L x 9'4"W x 5'7"H	21'9"L x 9'4"W x 11'5"H	2740 lb	14-16" x 18" x 32-40"	90"W x 96-132"L	•
	KN615F Tie-Grabber	109"L x 95"W x 30"H	95"L x 87.5"W	1515 lb	14-16" x 18" x 32-36"*	•	2500 lb
	615F Grabber	105"L x 89"W x 22"H	95"L x 87.5"W	815 lb	14-16" x 18" x 32-36"*	•	2100 lb
12 Bale Flat	AF12 Accumulator	21'2"L x 7'10" W x 5'7"H	21'1"L x 7'10" W x 11'1"H	2290 lb	14-16" x 18" x 32-40"	72"W by 96-132"L	•
	KN612F Tie-Grabber	109"L x 78"W x 30"H	95"L x 72"W	1460 lb	14-16" x 18" x 32-36"*	•	2300 lb
	612F Grabber	105"L x 72"W x 22"H	95"L x 72"W	760 lb	14-16" x 18" x 32-36"*	•	1800 lb
10 Bale Flat	AF10 Accumulator	18'11"L x 7'10"W x 5'7"H	18'10"L x 7'10"W x 10'1"H	2240 lb	14-16" x 18" x 32-38"	64-76"W x 82-94"L	•
	KN510F Tie-Grabber	104"L x 78"W x 30"H	90"L x 72"W	1440 lb	14-16" x 18" x 32-36"*	•	1900 lb
	510F Grabber	100"L x 72"W x 22"H	90"L x 72"W	740 lb	14-16" x 18" x 32-36"*	•	1700 lb
8 Bale Flat	AF8 Accumulator	17'1"L x 7'10"W x 5'7"H	17'L x 7'10"W x 9'2"H	2010 lb	14-16" x 18" x 32-40"	72"W by 64-96"L	•
	KN408F Tie-Grabber	86"L x 78"W x 30"H	72"L x 72"W	1280 lb	14-16" x 18" x 32-36"*	•	1700 lb
	408F Grabber	82"L x 72"W x 22"H	72"L x 72"W	580 lb	14-16" x 18" x 32-36"*	•	1400 lb
4 Bale Flat	AF4 Accumulator	12'11"L x 7'4"W x 7'5"H	12'11"L x 7'4"W x 7'5"H	1232 lb	14-16" x 18" x 32-40"	72"W x 64-88"L	•
	EGF8 Grabber	78"L x 71"W x 21"H	78"L x 72"W	415 lb	14-16" x 18" x 32-38"	•	1150 lb

* With no adjustments. An extended version is available for bales longer than 36".

** Lift capacity is an estimate based on an average bale weight of 40-50 pounds. However, it is up to the individual to determine their specific loader requirements.



4210 Kinsman Rd. NW
North Bloomfield, OH 44450
877-296-5851
sales@nordenmfg.com
www.nordenmfg.com