ANDERSON

INLINE WRAPPERS

POWERED by HONDA™

BALEAGE 101

why and how

1) What is baleage?

Air tight, plastic wrapped, round or square bales of forage.

They are composed of:

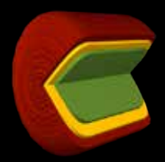
- Fiber with a length of 18 to 13 cm (ideal for ruminants)
- 19 % + average crude protein
- 30 % to 60 % humidity
- (45 % is ideal)
- 65 % of total digestible nutrients

2) Baleage advantages vs dry hay

- Larger harvesting window/ capture more nutrients
- Reduced feed losses
- Speed up harvesting
- Increased milk production and Average Daily Gain (adg)
- Lower feed and labor costs
- Healthier animals

3) Poor storage pratices

Poor storage practices can result in a 44 % reduction in forage quality.



- Spoiled hay : **7.6 cm = 25 %**
- Transition zone : **9 % decrease in dry matter intake**
- Central zone : **56 % higher intake of dry matter**

4) Reduction of feed losses

Studies of dry hay left in the field and losses during storage reveal at least 25 % wastage.

400 BALES NEEDED	NUMBER OF BALES
Bales produced	533
Loss in the field and storage (25 %)	133
Remaining bales after losses	400

Results: 533 bales LOST 133 LOST, it leaves you with 400 bales.

5) When to cut your crop?

Choose your harvest time to get:

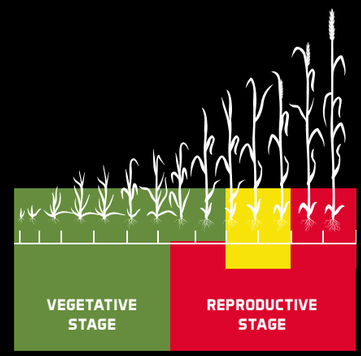
- An optimal feed value
- Best resale value
- Additional Harvest time

Vegetative stage :

- Harvest at this point and getanother harvest in 28 days

Reproductive stage:

- Harvest at this point and getanother harvest in 42 days



6) Effects of harvest stage on hay quality as well as animal weight gain*

Increased milk production and average daily gain

		INGESTION OF DRY MATTER POUNDS / DAY	% OF DIGESTIBILITY	% OF PROTEIN	POUNDS OF FEED FED / POUNDS GAINED	HAY POUNDS / ACRES (1ST CUT)	POUNDS GAINED / DAY
HARVEST STAGE	Pre-flowering	13.0	68	16.8	10.1	1334	1.39
	Start of flowering	11.7	66	10.2	13.5	1838	0.97
	Maturity stage	8.6	56	7.6	22.5	2823	0.42

* Holstein heifers were used, the average weight: 500 pounds. Source: Monty Montgomery, University of Tennessee.

7) Quality feed = $

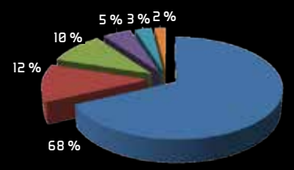
Good quality feed allows you to increase milk or animal gain by 38 %!

	QULAITY FEED		
	LOW	HIGH	DIFF
Protein	10 %	17 %	7 %
TDN	49 %	59 %	10 %
Lb milk/Ton	1894	2625	731
Lb milk/Acre	11,364	15,750	4,386
$/Acre	1931 $	2677 $	745 $

* University of Wisconsin Milk 2000, based on forage production 6 tonnes / acre. Milk price 17.00 $ / cwt

8) Feed

Feed accounts for 2/3 of overall costs. To lower overall costs, lower the cost of feed.



- Food including forage, cereals and concentrates
- Logistics, Sales and Administration Costs
- Veterinary and Reproductive Medicines
- Supplies for milk and improvement
- Cost of litter and housing
- Other direct charges and short-term interest

2004 AgCensus

9) Mowing

- Young plants
- New growth
- 3 to 4 cuts per season
- Cut from 10 to 13 cm from the ground after dew

10) Round bale shape

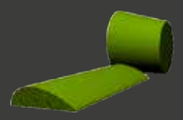
- Make bales as uniform and dense as possible
- Limit the diameter of the bale to 137 cm
- Easier to pack
- Ensures better silage quality
- Eliminate waste

11) Baling

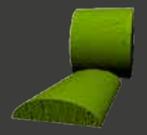
Good moisture content :

- Silage : 40 % to 60 %
- Dry hay : less than 20 %

Oxygen is expelled when it is carefully baled. Keep the nutrients inside, not the oxygen.



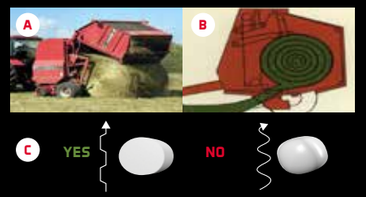
Width and shape uneven swath produces bales of unequal shapes.



The width and shape of the equal swath produces bales of equal shapes.

12) Baling guidelines

- A Adjust the density of the baler at the maximum position
- B Avoid using excessive speed.
- C Make sure to produce uniform bales.



13) Wrapping process

- On average within 6 hours of baling
- Wrap tightly with 6-8 layers of plastic to ensure a good barrier against oxygen
- Poor quality plastic equals poor results
- Run rows from north to south
- Consider a wrapper online or individual wrapper
- Production yields :
  - 100 à 150 bales / hour (in-line wrapper)
  - 35 à 65 bales/hour (individual wrapper)

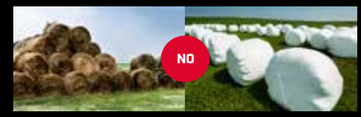
14) Storage

Minimize bale damage during storage and transportation.

Bales stored:

- On a flat and smooth surface, free of vegetation and waste
- In a dry place to pick them up easily in winter and in wet weather near the feeding area
- Avoid storing near the forest or in remote areas

Label the bales according to the cutting period.



YOU ARE THE INSPIRATION

BEHIND OUR DESIGN AND MANUFACTURING

OUR PRODUCTS

They are constantly improving because we are listening to our customers and the real needs of their everyday life on the farm.

Anderson is developing its wrappers to ensure optimum wrapping quality. Our hydraulically adjustable compaction system is one of the features that sets us apart from the market standards. It provides a perfect coating for maximum nutrient conservation in each of your bales.

Make better crops

- Allows a larger harvest window of time
- Keeps more nutritional value by bale
- Reduces fodder losses
- Accelerate the harvest
- Reduces food and labor costs
- Produces healthier animals

WHAT SETS US APART

1) Mechanical and hydraulic system

Anderson's line of inline wrappers is designed with a mechanical and hydraulic system that is by far more reliable than electronic systems. It has an increased longevity and guarantees easy adjustments.

2) Speed and quality wrapping

The bale pusher is faster than ever with its improved integrated cylinders. It provides a wrapping of up to 180 bales per hour.

3) Autopilot

The autopilot allows the machine to move parallel to the adjacent row of bales to optimize the storage area. Free yourself from supervision during wrapping and save up to 20 % space.

4) Flex Hoop technology

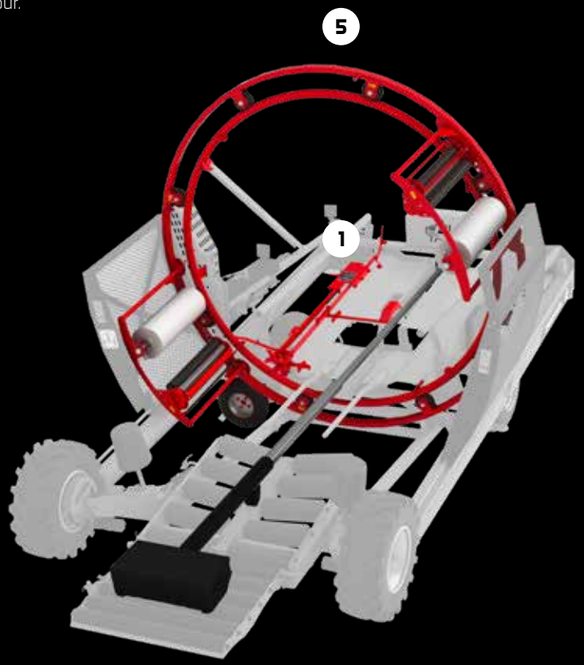
The Hybrid X XTRACTOR™ in-line wrapper is designed with advanced Flex Hoop technology to accurately wrap round and square bales with the same machine.

5) Large capacity hoop

All our models feature a large hoop to wrap 6 ft bales.

6) Compaction system

The hydraulically adjustable compaction system is the most important feature of an in-line wrapper, allowing the operator to put the right amount of braking on the hoop traction wheel to achieve perfect bale compaction



XTRACTOR™ : patented and exclusive to Anderson

Our push-off system allows a quick and easy extraction of the last bale in less than a minute. A simple pull of a lever allows you to do everything. Only one step is needed to push the last bale. Anderson is the only manufacturer to offer you a fully automatic, effortless last bale pushing system.

POWERED by HONDA™

ANDERSON®
SOLUTIONS FOR SMARTER FARMS

UNMATCHED RELIABILITY

Built with a simple mechanical and hydraulic system, they are also designed to offer you more than other wrappers. We are constantly innovating to make sure we stand out from the competition in the market.

1) Leveling system

Our hydraulic jack leveling systems or hydraulic lifting axles guarantee a high level of stability, whether you are on incline or in soft ground. Your wrapper will rise to the proper height to prevent the first bales from falling and hold them together to begin wrapping the row more easily.

2) Remote control

With remote control, do not leave the tractor seat and save operating time by starting, stopping and steering your wrapper remotely.

3) Work lights

For those of you who never stop, the work lights allow you to wrap in the evening and even at night,

4) Self-propelled

The self-propelled driving of our wrappers makes it possible to move the machine without the help of a trailer thanks to its self-propelled function. It allows you to position the wrapper in the field easily and, if necessary, transport it with two wheels on the ground from one field to another with ease.

5) Bale guide rollers

The two bale guide rollers hold each bale centered on the platform when wrapping on a slope.

6) Smart start

Allows wrapping at the beginning of the row without the bales sliding on the ground. Prevents damage to plastic. (Patent Pending)

7) Gas tank

We are aware of the importance of intervention costs during production shutdowns. Our long life tank reduces downtime and saves you time during yourwrapping process.

8) Honda engine

The Honda engine offers high power, exceptional adaptability, quiet operation and high fuel efficiency.

9) Corn stalk deflector

The corn stalk deflector prevents debris from getting into the tensioners and blocking them. (Patent Pending)

Our quality standards

- Independent aluminum tensioner system
- Wrapping speed of up to 180 bales per hour
- Plastic rolls change less often
- Increased bale tightness with the hydraulically controlled bale compacting system
- Overlapping plastic layers
- Plastic breakage detection system

POWERED by HONDA™

Manual extraction system

Hydraulic axle

Large capacity hoop

Hydraulic axle

Xtractor push off system

Remote control

NWS720

Model presented : Farm King Combo

Up to 6 ft (1,8 m) diameter
Up to 5 ft (1,5 m) length

Wrapping speed
Up to 180 bales per hour
* Speed based on 4' bale wrapping.

Large capacity fuel tank
(24 L - 6,3 gal)

Honda engine 13 HP

The specifications presented are specific to the models mentioned above. Please refer to the table on page 36-37.

POWERED by HONDA™

IFX720 XTRACTOR

Model presented : Custom Operator Combo

Up to 6 ft (1,8 m) diameter
Up to 5 ft (1,5 m) length

Wrapping speed
Up to 180 bales per hour
* Speed based on 4' bale wrapping.

Large capacity fuel tank
(24 L - 6,3 gal)

Honda engine 13 HP

The specifications presented are specific to the models mentioned above. Please refer to the table on page 36-37.

POWERED by HONDA™

Flex hoop technology

Xtractor push off system

Adjustable platform for square and round bales

HYBRID X XTRACTOR

Model presented: Custom Operator Combo

Up to 6 ft (1,8 m) diameter
Up to 5 ft (1,5 m) length

3 ft x 3 ft (80 x 90 cm)
or 4 ft x 3 ft (90 x 120 cm)
Up to 6 ft (1,8 m) long

Honda engine 13 HP (20 HP optional)

Wrapping speed
Up to 180 bales per hour
* Speed based on 4 ' bale wrapping.

Large capacity fuel tank
(24 L - 6,3 gal)

The specifications presented are specific to the models mentioned above. Please refer to the table on page 36-37

POWERED by HONDA™

Large capacity hoop

Xtractor push off system

Autopilot system available

EVOLUTION XTRACTOR

Model presented : Evolution II Combo

Up to 6 ft (1,8 m) diameter
Up to 5 ft (1,5 m) length

3 ft x 3 ft (80 x 90 cm)
or 4 ft x 3 ft (190 x 120 cm)
Up to 6 ft (1,8 m) long
(wrap double stacked or single high bale)

Wrapping speed
Up to 120 bales per hour
* Speed based on 4 ' bale wrapping.

Large capacity fuel tank
(24 L - 6,3 gal)

The specifications presented are specific to the models mentioned above. Please refer to the table on page 36-37.

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FUSION XTRACTOR

YouTube

Wrap inline and single bales with one machine!

THE NEW FUSION720 XTRACTOR

Contractors will particularly appreciate this machine for its versatility to wrap inline as well as individual bales. Lets you optimize and diversify the customer base and increase turnover with a single equipment.

The Fusion720 Xtractor also solves the problem of row ends and losses caused by this system. Simply wrap a bale to create a start and end plug, sealing the row perfectly and minimize the losses caused by poor sealing of the ends.

For producers who sell a portion of their crop, the Fusion720 Xtractor allows you to wrap inline to feed your own livestock, while saving on film. On the other hand, if your crops exceed the needs of your herd, the excess can be wrapped individually, allowing you to maximize the selling value of your bales by allowing you to sell them without deterioration of its quality.

Perfect also when the storage site is limited

and does not allow to wrap everything in one place, it is now possible to wrap bales individually with one machine.

FUSION720 XTRACTOR

Combination inline & single bale wrapper

Up to 6 ft (1,8 m) diameter inline wrapping/
Up to 5 ft (1,5 m) diameter individual wrapping
Up to 5 ft (1,5 m) length

Wrapping speed
Up to 140 bales/hr (inline wrapping)
Up to 50 bales/hr (single bale wrapping)

* Speed based on 4' bale wrapping.

Large capacity fuel tank
(24 L - 6,3 gal)

Honda engine 13 HP

The specifications presented are specific to the models mentioned above. Please refer to the table on page 36-37.

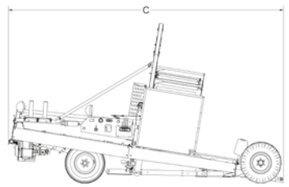
POWERED by HONDA™

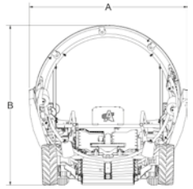
With the Fusion720 Xtractor, you have the best of both worlds

Anderson, presents its latest innovation : the Fusion720 Xtractor, a single machine that can wrap everything!

- Versatility and speed
- Wrapping optimization
- Plastic economy

TECHNICAL SPECIFICATIONS





		NW5720	IFX720 XTRACTOR	HYBRID X XTRACTOR	EVOLUTION XTRACTOR	FUSION720 XTRACTOR
BALES	Round bale diameter**	Up to 6 ft (1,8 m)	Up to 6 ft (1,8 m)	Up to 6 ft (1,8 m)	Up to 6 ft (1,8 m)	Up to 6 ft (1,8 m) inline wrapping Up to 5 ft (1,5 m) individual wrapping
	Round bale length	Up to 5 ft (1,5 m)	Up to 5 ft (1,5 m)	Up to 5 ft (1,5 m)	Up to 5 ft (1,5 m)	Up to 5 ft (1,5 m)
	Square bale	N/A	N/A	3 ft x 3 ft (88 x 98 cm) or 4 ft x 3 ft (98 x 128 cm) Up to 6 ft (1,8 m)	3 ft x 3 ft (88 x 98 cm) or 4 ft x 3 ft (98 x 128 cm) Up to 6 ft (1,8 m) (single or double stacked)	N/A
	Wrapping speed*	Up to 180 bales/h	Up to 180 bales/h	Up to 180 bales/h	Up to120 bales/h	Up to 140 bales/hr (inline wrapping) Up to 50 bales/hr (single bale wrapping)
SPECIFICATIONS	Aluminum film stretcher	2 x 30 in (750 mm) or 4 x 30 in (optional)	2 x 30 in (750 mm) or 4 x 30 in (optional)	4 x 30 in (750 mm)	4 x 30 in (750 mm)	2 x 30 in (750 mm)
	Engine	13 HP Honda (20 HP optional)	13 HP Honda (20 HP optional)	13 HP Honda (20 HP optional)	20 HP Honda	20 HP Honda
	Final bale push off	MANUALLY	XTRACTOR™ automatic system	XTRACTOR™ automatic system	XTRACTOR™ automatic system	XTRACTOR™ automatic system
	Bed shape	V-shaped for round bales	V-shaped for round bales	Flat or V-shaped for all type bales	Flat for square bales	Flat shapped
	Bale guides for alignment	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
	Bale guides rollers	2	2	2	2	4
	Leveling system	Hydraulic lifting axle	Hydraulic lifting axle	Hydraulic lifting axle	Hydraulic jack	Hydraulic lifting axle
	Road lights	Standard	Standard	Standard	Standard	Standard
	Hoop speed	Adj. flow control valve	Adj. flow control valve	Adj. flow control valve	Adj. flow control valve	Adj. flow control valve
	Traction Tires	29 x 12,5-15	29 x 12,5-15	29 x 12,5-15	31 x 15,5-15	29 x 12,5-15
	Rear tires	11L-15	11L-15	11L-15	12,5L-15	9.5L-15 highway
	Hydraulic tail gate	Standard	Standard	Standard	Standard	Standard
	Auto-locking wheels	Standard	Standard	Standard	Standard	Standard
	Adjustable hydraulic compaction system	Standard	Standard	Standard	Standard	Standard
	Smart start	Standard	Standard	Standard	Standard	Standard
DIMENSIONS	Overall width – A	9 ft 10 in (2,99 m)	9 ft 10 in (2,99 m)	9 ft 8 in (2,95 m)	12 ft 1 in (3,73 m)	9 ft 10 in (2,99 m)
	Overall width (in transport mode)	9 ft 1 in (2,77 m)	9 ft 1 in (2,77 m)	8 ft 5 in (2,56 m)	11 ft (3,35 m)	9 ft 1 in (2,77 m)
	Overall height – B	9 ft 9 in (2,98 m)	9 ft 9 in (2,98 m)	9 ft 4 in (2,87 m)	12 ft (3,67 m)	9 ft 10 in (3 m)
	Overall length	18 ft 6 in (5,64 m)	18 ft 6 in (5,64 m)	18 ft 9 in (5,74 m)	21 ft (6,43 m)	19 ft 5 in (5,91 m)
	Overall length (in transport mode)	17 in (5,18 m)	17 in (5,18 m)	16 ft 9 in (5,12 m)	17 ft 3 in (5,29 m)	17 ft (5,18m)
	Overall weight	4739 lb (2150 kg)	4739 lb (2150 kg)	5511 lb (2500 kg)	6746 lb (3060 kg)	6315 lb (2864 kg)
	Weight on tow bar	1058 lb (480 kg)	1058 lb (480 kg)	903 lb (410 kg)	1477 lb (670 kg)	1285 lb (547 kg)

* Speed based on wrapping 4 ft bales.
** Based on perfectly shaped 6 ft bales
Specifications and dimensions are subject to change without notice.

POWERED by HONDA™

COMBOS

POWERED by HONDA™

NW5720

	NATURAL BORN LEADER	FARM KING	CUSTOM OPERATOR	CUSTOM OPERATOR ELITE
Plastic film watch	•	•	•	•
Working lights	•	•	•	•
Remote start and stop	•	•	•	•
Remote steering		•	•	•
Electronic bale counter	Optional	Optional	•	•
Automatic pilot			•	•
2 extra stretchers	Optional	Optional	Optional	•
Honda engine 20 HP		Optional	Optional	Optional

IFX720 XTRACTOR

	NATURAL BORN LEADER	FARM KING	CUSTOM OPERATOR	CUSTOM OPERATOR ELITE
Plastic film watch	•	•	•	•
Working lights	•	•	•	•
Remote start and stop	•	•	•	•
Remote steering		•	•	•
Electronic bale counter	Optional	Optional	•	•
Automatic pilot			•	•
2 extra stretchers	Optional	Optional	Optional	•
Honda engine	13 or 20 hp	13 or 20 hp	13 or 20 hp	13 or 20 hp

HYBRID X XTRACTOR

	FARM KING	CUSTOM OPERATOR	CUSTOM OPERATOR ELITE
Plastic film watch	•	•	•
Working lights	•	•	•
Remote start and stop	•	•	•
Remote steering	•	•	•
Electronic bale counter	Optional	•	•
Automatic pilot		•	•
2 extra stretchers	•	•	•
Honda engine	13 or 20 hp	13 hp	20 hp

EVOLUTION XTRACTOR

	EVOLUTION 1	EVOLUTION 2
Plastic film watch	•	•
Working lights	•	•
Remote start and stop	•	•
Remote steering	•	•
Electronic bale counter		•
Automatic pilot		•
2 extra stretchers	•	•
Honda engine 20 HP	•	•

FUSION720 XTRACTOR

	CUSTOM OPERATOR ELITE COMBO
Plastic film watch	•
Working lights	•
Remote start and stop	•
Remote steering	•
Electronic bale counter	•
Automatic pilot	•
2 extra stretchers	N/A
Honda engine 20 HP	•