



Macerator 6620



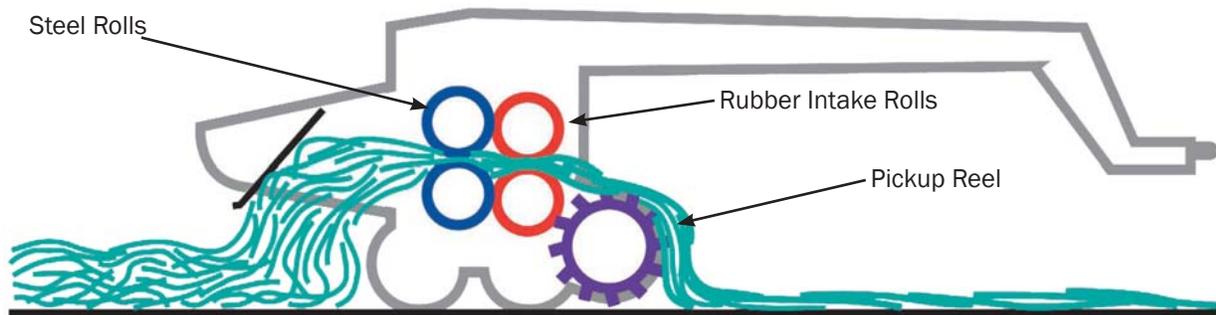
For the serious forage producer.

Intensive forage conditioning promotes:

- improved color and texture
- faster dry down time
- more palatability
- better feed value



→ How It Works



More Thorough Than a Conditioner

The AgLand Macerator features a double set of rolls, allowing it to do a more thorough job than any other system on the market. The pickup reel feeds the crop to the rubber intake rolls where the swath is flattened out before it is fed through the steel patterned rolls. The air pressure system helps maintain an even pressure on the rolls without crushing the hay.

Faster Drying

Maceration takes place between the steel rolls. The top steel roll runs at a slightly different speed than the bottom roll. This action cracks and nicks the stems of the plants and removes some of the wax (see close up), resulting in cell rupture. This allows the moisture to escape at a quicker rate than with conventional equipment, promoting a much faster dry down.

Preserves Nutrients and Color

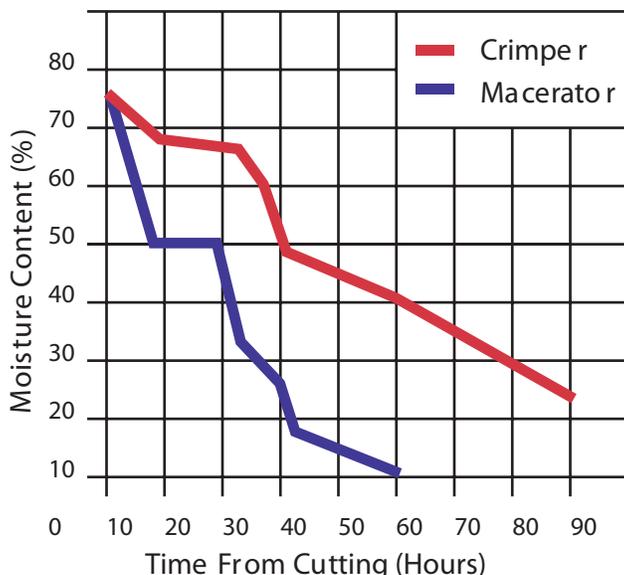
Long exposure during dry down causes leaching of nutrients and color. Less exposure to damaging sun rays helps preserve both nutrients and color. This makes the finished product a lot more valuable for export and domestic use.

More Palatable

Maceration helps to soften the hay, preserves the protein content and exposes more plant sugar to allow more efficient silage fermentation, making all of the hay more palatable and increasing the digestibility of the hay or forage, which may translate* into:

- **increased energy**
- **significant weight gains**
- **increased milk production**

*Depending on condition and type of animal.



Testimonial

"The AgLand Macerator 6610 is a hay tool that comes available with several optional attachments that allow you to spread the hay into a smooth, tidy windrow, invert a windrow and even invert and double up a windrow. All these features in combination with the macerating of the hay make it a very versatile and useful hay machine that belongs on every farm that is serious about making top quality hay and forage."

Jim B.
National Valley Farms,
Chesterville,
ON, Canada



Independent Study Reports

A considerable amount of research has gone into the benefits of macerated hay. The following are a few excerpts of various reports.

“Laboratory tests showed a drying rate for macerated material was roughly double that of conditioned material.”

“The alfalfa dehy industry found a 43% saving in gas usage for dehydrating crop which had been macerated compared to a conditioned crop.”

Source - University of Saskatchewan, Dept. of Agricultural and Biosource Engineering

“Researchers have found that the main advantages of forage maceration over conventional mowing conditions are: faster field drying, less field losses when there is no rain, improved digestibility of the fibre and more efficient silage fermentations.”

Source - Special PAMI Report

Macerator Specifications

Overall Width	10'6" (315 cm)
Length	11'4" (345 cm)
Height	operation 3'6" (105 cm) transport 5'6" (165 cm)
Weight	3,800 lbs (1,633 Kg)
Tire Size	11 L - 15 SL
Suggested Tractor Size	80 HP (60 KW) or over
Operating Speed	up to 10 MPH (16 km/hr)
Pickup Width	66" (165 cm)
Swath Cuts	up to 14'
Windrow Widths	66" (165 cm)
PTO	540 or 1000 rpm

- The Extra Heavy Duty Macerator is built to withstand rough field conditions.
- No tools required for in field adjustments.
- The unique air system works like a shock absorber and keeps the rolls tight together.
- Air pressure can, easily and quickly, be adjusted.
- Ground speed is up to 10 MPH (16 km/hr).
- The Macerator is ready to work for you and requires no special hookups or brackets, all you need is a 70-80 HP tractor.

Testimonial

“We purchased a 6610 Macerator Tedder and a heavy duty Ziegler 6 Stars tedder in 2006. Results, we cut a day off the drying time and excellent quality hay. Very noticeable in Alfalfa. The system works.”

Wayne Edwards
Cloverhurst Farms,
Navan, ON, Canada



Testimonial

“We play with 1500 acres of land. Hay crop 700+ acres, most of it dry. The Macerator is a great asset.”

Doug Shaw
Clarksburg, ON, Canada

Testimonial

“These are some of my own conclusions about all the tests that I did with our Macerator:

- With the Macerator the hay dried faster by at least 18 hours.
- The quality of the hay is similar in all tests.
- Even with rain on cut day, the hay dried faster by using the Macerator.
- The stem of the plants are more soft and more tempting for the animals.
- The fermentation on rolled bales of haylage is improved.”

NB: The summer 2006 has been very wet. Very poor hay condition.

Yves Pare BSc. Agr.

Features & Benefits of the

Macerator 6620

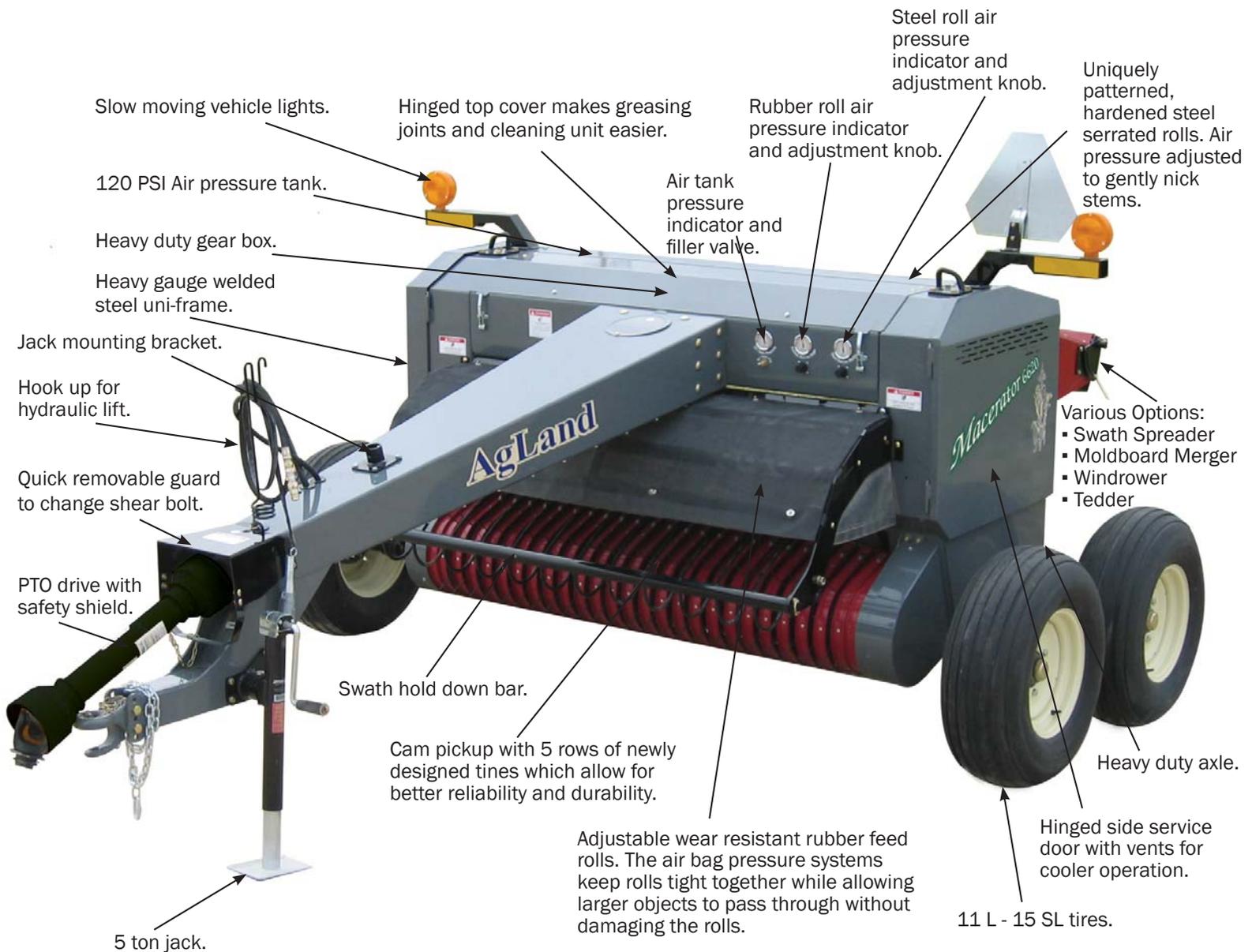
Macerated crop equals less time in the field for a better yield!

→ **Softer Crop**

→ **More Palatable**

→ **Greener**

→ **Better Feed Value**



→ Available Options



New Macerator 6620 Attachment:

Power Merger

- > driven by hydraulic motor
- > hay can flow both directions
- > merges up to 18' cuts
- > make the windrow very fluffy
- > easy to store in transport position with hydraulic cylinder

Swath Spreader

Use this option when extra aeration is required. The spreader provides a thinner and wider swath. Raking may be necessary to put the material back into a swath form.



Moldboard Merger

The moldboard moves the windrow to one side after processing. It can be used to merge windrows up to 16' cut. This allows the baler to pick up two windrows at the same time. The moldboard can be adjusted to move the windrow up to 6' to one side, depending on the setting.



Windrower

Use this option to put the windrow back in the same spot it was picked up from. It will lay a smooth evenly distributed windrow, without bunching or skipping. The adjustable side shields of the windrower allows the operator to set the windrow to the desired width.



Tedder

Because the density of the swath is an important factor in the drying rate, the spreading of the crop as wide as possible via the tedder results in faster drying due to increased absorption of solar radiation.

