They know what I need, because they're farmers too.

Tama has a unique mix of agricultural experience and manufacturing expertise. Tama's products for crop packaging are made to run reliably and consistently – every time. As farmers ourselves, we understand why this is critical for you.

Our ability to identify and support the needs of our customers have enabled Tama to become the world's leading supplier of Netwraps and Twines.

We've got you covered.

Tama USA

Tama USA was established in 1980 in Dubuque, Iowa as Ambraco Inc., a company specializing in the nationwide distribution of crop packaging products in the USA. In 2014, Ambraco joined the Tama group – an international company based in Israel that is the world leader in crop packaging. As of 2017, Ambraco completed the transition with a name change to Tama USA Inc.

Service

Tama USA continually invests significant efforts in supporting and improving its customer service. The company has 14 different storage locations around the USA to assure timely and efficient supply of the product. In addition, Tama USA has developed a unique in-field customer service function to support its dealers and their customers throughout the baling season.

TamaNet™ Edge to Edge
with TamaTec+™ Technology

The next generation in bale wrap technology

- Reliable and consistent. For a trouble-free baling experience – every time.
- **Edge to Edge™ technology** for perfect bale coverage.
- **Zebra System™**. A clear Left-Right indicator for easy and correct loading of the roll into the baler every time. Plus, at feeding time, user can quickly see which direction to unroll the bale.
- **Red End Warning**. Indicat the operator that the end of the roll is approacing. The red stripe marks the last 240 ft.
- **Guaranteed Length**. Every roll contains at least the guaranteed stated length, not a "plus-or-minus" average.
- **Carry Handles**. Easier and safer handling.
- **Edge Guards**. Protect roll from damage.
- **Unique ID Number**. Enables tracing of full production details.

What you need to know about Netwrap:

• **Threading of net** – when loading net, pull enough net from roll to make sure net is coming off full width of net roll. Gather loose end of net and twist a few turns to make a rope. Feed twisted net between the rubber and steel feed rolls. Ratchet the brake handle 4 strokes to pinch net between rolls. **DO NOT OVER FEED**. Trim off net tail about 1 inch down from rubber roll. If net is loaded incorrectly it will not feed into baler. **See OM for Threading Net.**

• **Check monitor for recommend number of wraps for crop type** – at least 2 wraps for hay, at least 3 wraps for straw/wheat hay, at least 4 wraps for corn stalk, hay grazer. Verify the number of wraps on bale in field- adjust setting on monitor if needed – at least 2 feet of net past starting point.

• **Use the recommend number of wraps for crop type** – at least 2 wraps for hay, at least 3 wraps for straw/wheat hay and at least 4 wraps for corn stalks, hay grazer. Verify the number of wraps on bale in field - adjust setting on monitor if needed to have at least 2 feet of net past the starting point. **See Number or Wraps video at www.tamausa.com**

• **To reduce number of random tears in net** Check for excess crop buildup in rear gate. Run tractor at less than rated PTO speed (540 or 1000) – depending on crop type and dryness. This will reduce the amount of crop buildup in the rear gate which can cause tears in net. Reducing engine RPM will affect the number of wraps on balers without the Slip Clutch Alert/Speed Compensation kit. **See OM for Setting Number of Wraps.**

• **Net wrapping top roller (#11) in baler**- Check for making oversized bales – DO NOT MAKE BALES LARGER than max size for model of baler. May need to check Bale Size Calibration – See OM to adjust bale size sensor. Reduce bale size on monitor and make sure to be stopped when monitor signals full size.

Twine

Only use high quality twine designed for use on large square balers. Low quality or improper twine type can cause excessive knotter trouble and twine failures.
Tama twine is produced with technology that enables it to be high strength yet it is smaller diameter than competitive twines. This technology enables Tama twine to contain more twine in the same size ball when compared to other twines. This added length gives the operator:

- More bales before changing balls (fewer hand tied knots)
- Higher efficiency (more bales before loading baler with twine)

Double knotter

Most large square balers use a double knotter system. This means that for every knotting cycle two knots are made: First knot finishes the bale; second knot is the beginning of the next bale.
The first knot is made as the needle enters the knotter on the upward stroke (finishing the bale). The second knot is made as the needle leaves the knotter on the downward stroke (starting the next bale). The only time the twine is held in the twine disk is in that time between the first and second knot.

Common Knotter Issues

High quality twine, such as from Tama, is the first step in making quality bales and maximizing your baler's performance. Please refer to your Baler Operator's Manual for additional troubleshooting tips.

Following are some hints to address the most common knotter issues.

Knot Stays on Billhook

Knots staying on the billhook is one of the most common knotter issues. Items to check would include:

- Lower twine tension is incorrect
- Upper twine tension is incorrect
- Twine disk tension is incorrect
- Wiper arm is not contacting profile of billhook
- Rough, worn, or bent billhook
- Excessive billhook tension

Other items that may impact knotter performance:

- Rollers that the twine passes through that are not free to roll.
- Twine path that is not clear.
- Improper twine routing (twines crossing)
- Eyelet wear.

Loading twine boxes

Be sure to follow the operator's manual or threading decal to assure that the twine is properly routed.

- Always pull twine from the center of the ball.
- Connect the center of the ball to end of the next ball
- Make the knot as small as possible to make it easier to pass through the baler
- A surgeons knot is one method that easily secures one twine to another.
- Trim ends of twine as close to knot as possible
- Pass twine leading to upper tensioners through the top side of the tension plates
- Pass twine leading to lower tensioners through the bottom side of the tension plates

Surgeons Knot

Twine Storage

Proper twine storage is important to assure that the twine performs properly in the baler.

- Twine should be stored under cover away from direct sunlight
- Care should be taken when transporting the twine.
- If partial balls of twine are removed, care should be taken while handling to ensure that the twine ball remains cylindrical.

TamaTwine+ Large Square Baler twine

TamaTwine+ for Large Square Bales comes in a range of products designed to suit your needs. Choose the strongest twine for your most demanding conditions, or opt for the longer ball length. Whichever twine you choose, you can count on high performance that will not let you down.

Tama COUNTRY MILE 5300/350

Maximum length for use in all crops and balers where a higher density is not needed.

Tama LSB 4750/400

A longer option for standard density hay, straw or silage bales.

Tama LSB 4400/450

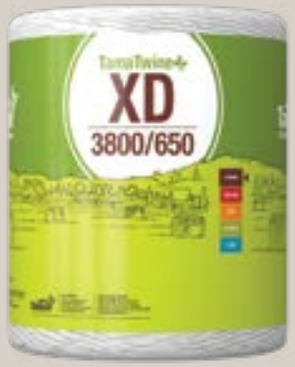
The best performing option for all crops and balers where high density is required. Use it for silage and for high density hay and straw bales.

Tama LSB 4300/550

A longer length option for High Density balers in springy crops such as grasses, straw and cornstalks.

Tama XD 4100/600 | 3900/570

For High Density balers where ultimate performance is required. Use it for straw in conditions of extreme density or high temperatures, short straw, and corn stalks.



Tama XD 3800/650

For High Density balers in the most extreme conditions of high temperatures and density. Ultimate performance in short straw or cornstalks.

TamaTwine+ Features:

- LONGER LENGTH BALLS => LESS CHANGES => HIGHER OUTPUT
  Extra length for less ball changes, less waste and higher efficiency.
- Unrivalled knot performance, flexible and strong for 100% reliable tight knots on your bales.
- Uniform ball shape to ensure trouble-free running in the baler.
- The only Big Baler twine range fully validated by ALL THE MAJOR BALER PRODUCERS.
- UV — Special UV light inhibitors to withstand intense exposure over long periods.

Polypropylene Baler Twine

Orangeline™ & Balebind™

A premium grade fibrillated split-film twine for square bales

Features include:

- Reduced machine wear.
- Withstands "drop shock".
- UV protection
- Twine runs trouble-free in baler.
- Always uniform consistency.

Orangeline™

Polypropylene twine for round bales

ClearField™

Degradable Polypropylene for Round Bales

Sisal Twine

Brazilian - sisal twine for round or square bales

Our Brazilian line represents premium-quality sisal twines by COSIBRA, Brazil's most experienced twine manufacturer. Brazil's extra-long and strong fibers ensure uniform knotless twines for both square and round bales. Each bale is fully treated to resist rodents and insects.

Features include:

- Extra-long fibers for consistent trouble-free baling.
- High tensile and knot strength.
- Specially treated to resist rodents and insects. (Also available untreated for silage)
- Biodegradable.