



HAY PRESERVATIVE APPLICATORS FOR KRONE LARGE SQUARE AND ROUND BALERS



- Large Square 700 Series Automatic Applicator
- Round Baler 300 Series Automatic Applicator
- Electronic Control Applicators
- Moisture Only Kits
- Bale Identification



**HARVEST
TEC**

*Equipment and Products
for Quality Hay.™*

With the high capacity that the large square balers offer, most large square balers in North America are equipped with a preservative application system. The use of a hay preservative system will extend the hours of baling time by allowing the operator to bale large square bales up to 26% moisture. The key to being successful when using a hay preservative system is controlling the amount of application. Harvest Tec is the leader in designing and building application systems for large square balers. They have worked with **KRONE** to design systems for the **BIG PACK** baler.

All systems include:

1. A 100 or 110-gallon tank to supply enough product to treat between 100 and 300 bales between fills.
2. 12 volt electric pumping system
3. A spray bar designed for the specific **KRONE** baler
4. A transfer line for easy filling of the tank.



Display Options for 700 Series Automatic Applicator

- Split screen on CCi1200 (additional harness required)
- Tablet display with free Precision Bale App
- Premium Harvest Tec ISO VT

700 Series Applicator for Large Square Balers

The 700 Automatic Applicator senses moisture and tonnage on the go, and adjusts the preservative application rate based on the condition of the hay. Dual star wheel sensors located on top of the bale chamber accurately read tonnage and moisture up to 70%. This precision gives the operator the exact amount of preservative required to keep the crop in great condition without wasting product. The display in the cab give the operator complete control and provides information on:

- Moisture content
- Speed of baling (tonnage)
- Volume of preservative used per bale
- Total tons baled

700 Series Automatic Applicator Overview

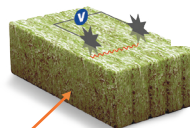
Optional Moisture Dye Marker
- Highlights high moisture bales allowing operator to sort and store only bales within their preferred moisture range.



Optional GPS antenna - records position of bale and written to job record



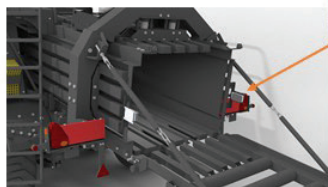
Dual star wheels - send low voltage signal to accurately sense moisture at front of bale chamber



Display (not included) - improved functionality for ease of operation



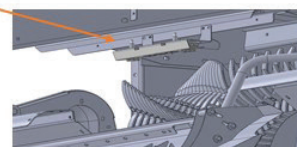
Pump Plate - mounted on preservative tank and includes bypass pump and flow meter.



Optional Microwave Moisture Sensors - positioned at back of bale chamber (shown) for artificial moisture applications. Additionally, can be positioned in precompression chamber for improved preservative placement in bale.



Dual pulsing solenoids - accurately controls rate of preservative with a range from 24 lbs/hr up to 800lbs/hr



Spray Shield/Tips - hay preservative applied at baler pickup on loose windrow as fed into the baler



Optional End of Row Shut Off Eye - automatically turns applicator on/off when enter/exiting windrow



300 Series Automatic Applicator for Round Balers

The 300 Automatic Applicator senses moisture and tonnage on the go, and adjusts the preservative application rate based on the condition of the hay. The display in the cab gives the operator complete control and provides information on:

- Moisture content
- Speed of baling (tonnage)
- Volume of preservatives used per bale
- Total tons baled



Display Options for 300 Series Automatic Applicator

- iPad display with free Hay App

Dual Disc pad sensors located in the bale chamber accurately read moisture up to 60%. This precision gives the operator the exact amount of preservative required to keep the crop in great condition without wasting product.



Electronic Applicator - economy solution for Large Square and Round Baler operations

The electronic cab control is a solid state electronic pump control for those seeking an economy applicator solution. Electronic applicators have no moisture sensing capabilities. The control is mounted in the cab or on the fender. Application rate is manually adjusted from the operator's seat. Once set, the electronic control will hold the application rate constant.

H2O Precision Moisture Only Sensor for Round Balers



Precision Moisture Sensor Features and Benefits

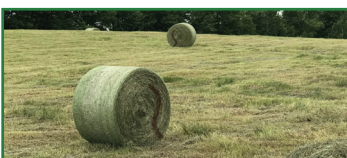
- Displays instantaneous moisture
- Add on kit is available to provide last bale average moisture (required for fixed chamber round balers)
- Rugged disc plates and star wheels are designed for long-term use with minimal wear.
- Only on-baler moisture sensor to read up to 60% with reliable accuracy.



Display Options for H2O

Precision Moisture Sensors

- iPad or Samsung tablet with free H2O App
- Smart phone with free H2O App



The Optional Dye Marker Accessory can be added to the H2O Moisture Sensor that will mark every bale that is above a set moisture with a red, food-grade stripe. The bale is marked as it leaves the chamber, allowing the operator to easily identify those bales that are above their own moisture threshold. Operators can also manually mark bales with the push of a button. The food-grade dye mixes with water and applies up to 60 bales.

Baler's Choice



Treated



Untreated



Balers Choice Hay Preservative Features & Benefits

- Bale at moistures up to 30%
- Effective on all types of hay, including alfalfa, timothy and other grasses
- Maintains hay's green color and fresh natural smell
- Neutral pH of 6.0 won't corrode baling equipment
- Safe for all livestock
- Will not freeze

Balers Choice Hay Preservative - US

Mini Drum* - 13 Gal. / 120 Lbs

Drum* - 50 Gal. / 450 Lbs

Drums* (4 per pallet) - 50 Gal. / 450 Lbs

Tote - 200 Gal. - 1,800 Lbs

Large Tote - 265 / 2,380 Lbs

*Drums not available in California

Item#

009-0903

009-0904

009-0904PQ

009-0908

009-0909

Why does hay spoil?

MOLD

At moistures 16% to 30% mold, fungi and yeasts start to multiply, consisting of mycelium and spores, giving the hay a white and dusty appearance, and can also produce harmful mycotoxins. Mold growth also causes heating.

HEAT

- Hay baled at moistures 16% to 22% will heat to over 115°F, causing discoloration and will lose its fresh smell
- Between 23% and 26% hay can reach temps of over 120°F in storage, causing brown to black caramelized hay
- Moisture levels of over 27% can result in heating and above and may combust

Balers Choice Hay Preservative - Canada

Contact Pestell Minerals & Ingredients - (519) 501-2877

Transfer Pumps

12 Volt Electric Transfer pump (4 gpm)

9212

110 Volt Electric Transfer pump (4 gpm)

9215

12 Volt High Output Transfer pump (15 gpm)

9214

| KRONE Large Square Baler Model | Tank Size | 700 Series Automatic applicator (requires display) | Electronic Applicator | Upgrade from Electronic to Automatic | Moisture Only kits (requires display) | Microwave Moisture Upgrade kits (requires base 700 kit) |
|---------------------------------------|-----------|--|-----------------------|--------------------------------------|---------------------------------------|---|
| BigPack 890, 890 HighSpeed | 100 gal | 7964515C | 4914515 | 7654515C | 700 | 771MWM |
| BigPack 1270, 1290 HighSpeed | 100 gal | 7964515C | 4914515 | 7654515C | 700 | 771MWM |
| BigPack 870 HDP HighSpeed | 100 gal | 7964515C* | 4914515 | 7654515C | 700CL* | 771MWM |
| BigPack 870 HDP HighSpeed w/ X-cut | 100 gal | 796V4540C* | 491V4540 | 7651540C | 700CL* | 771MWM |
| BigPack 890, 1270, 1290 w/X-Cut | 100 gal | 7964514C | 4914514 | 7654514C | 700 | 771MWM |
| BigPack 890 HighSpeed w/ X-Cut | 100 gal | 796V4540C | 491V4540 | 7654540C | 700 | 771MWM |
| BigPack 1270, 1290 HighSpeed w/ X-Cut | 100 gal | 796V4541C | 491V4541 | 7654541C | 700 | 771MWM |
| BigPack 1290 HDP, 1290 HDP HighSpeed | 110 gal | 796K4515C* | 491K4515 | 765K4515C | 700CL* | 771MWM |
| BigPack 1290 HDP w/ X-cut, Extreme | 110 gal | 796K4514C* | 491K4514 | 765K4514C | 700CL* | 771MWM |
| BigPack 1290 HDP HighSpeed W/ X-cut | 110 gal | 796K4541C* | 491K4541 | 7654541C | 700CL* | 771MWM |
| BigPack 4x4 HighSpeed | 110 gal | 796K4539C | 491K4539 | 7654539C | 700 | 771MWM |
| BigPack 4x4 HighSpeed w/ X-cut | 110 gal | 796K4541C | 491K4541 | 7654541C | 700 | 771MWM |
| BigPack 12130 | 110 gal | 796K4515C | 491K4515 | 765K4515C | 700 | 771MWM |
| BigPack 12130 w/ X-cut | 110 gal | 796K4514C | 491K4514 | 765K4514C | 700 | 771MWM |
| BigPack 88, 128 | 100 gal | 7964498C | 4914498 | 7654498C | 700 | 771MWM |
| BigPack (88 & 128) MultiCut | 100 gal | 796V4495C | 491V4495 | 7654495C | 700 | 771MWM |

∇ Requires x2 brackets 001-6707KV (order from Harvest Tec)

*HDP Models require KRONE pn 200731940 to side mount star wheels (order from KRONE)

| KRONE Round Baler Model | Tank Size | 300 Series Automatic applicator (requires iPad display) | Electronic Applicator | Upgrade from Electronic to Automatic | H2O Moisture Only Kits (requires phone/tablet display) |
|-------------------------------------|-----------|---|-----------------------|--------------------------------------|--|
| KRONE Variable Chamber Round Balers | 25 gal | 3464484C | 4414484 | 3U64484C | 201RB |
| KRONE Fixed Chamber Round Balers | 25 gal | 3464484C | 4414484 | 3U64484C | 201RB + 201FCA |

| Item # | Applicator Accessories | | |
|----------|--|------------|--|
| 474A | End of Row Shut Off Eye Kit - electronic and 300 series | 2670DK | Field Ready Display - 300 Series RB Auto (iPad mini, Case, RAM mount, & Hay App preloaded) |
| 474C | End of Row Shut Off Eye Kit - 700 series only | 1670DK | Field Ready Display - 700 Series LSB Auto (Android, Case, RAM mount, & Precision Bale App preloaded) |
| 740DM | Large Square - Moisture Dye Marker (requires 700 series applicator or moisture kit only) | 006-765VAK | Harness - integrates 700 series into KRONE CCi 1200 baler display |
| 200DM | Round Baler - Moisture Dye Marker (requires base 201RB moisture only kit) | 7670DK | Premium Harvest Tec Display - 700 series only |
| 009-0800 | Red Dye for Moisture Dye Markers | F2000 | Delmhorst Hand Held Moisture Probe - 10" probe |
| 780GPS | Large Square GPS Kit | | |