

# **ECONOMY MICROWAVE MOISTURE** *for Large Square Balers*

The most efficient, cost-effective Microwave moisture monitor for Large Square Balers with industry leading accuracy, the Economy Microwave Moisture Sensor from Harvest Tec is the answer.

Using side-to-side, non-contact microwave moisture reading technology, the kit reads bale moisture across the width of the bale in the chamber via 1 transmitter and 1 receiver sensor. The sensors will accurately read crop moisture from 6% up to 40%



### Display Options

- Integrated thru baler display on Run screen
- Dedicated tablet



The non-contact Microwave moisture sensor has two sensors that mount at the back of Large Square bale chambers that read thru the width of the bale with every stuffer stroke, giving the operator complete visibility of crop conditions.

### **Hayboss Microwave Moisture Sensor features and benefits**

- Simple installation – harness from microwave to tractor cab controller
  - 25' extension harness available for baler with Staheli West steamer
- Moisture displayed thru most baler ISO displays integrating at display diagnostic plug in cab of tractor
- Low cost tablet display available for non ISOBUS balers
  - Icon-based app is simple to use and free to download from the iTunes Store or Android Play Store
- Displays instantaneous moisture and bale average moisture when communicating thru baler ISOBUS
- Optional moisture dye marker to mark high moisture flakes above preset moisture limit

\*Requirements to run Precision Bale app is iOS 10 or later for Apple devices, and Android 5 for Android devices

**Product Bulletin**  
**ECONOMY MICROWAVE MOISTURE**  
**for Large Square Balers**

The optional Moisture Dye Marker is Plug and Play with the Microwave Moisture Sensor and marks every flake that are above a set moisture with a red stripe. Stripes can be positioned on the top or side of bale. Bales are marked upon leaving the chamber allowing the operator to easily identify those above a preset moisture threshold. The food-grade dye mixes with 3 gallons of water.



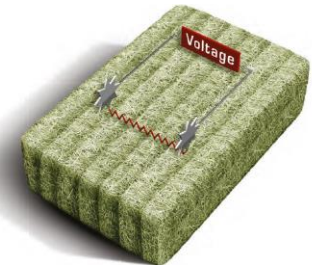
**Large Square on Baler Moisture Only Kit Comparison**



**77E Economy  
Microwave**



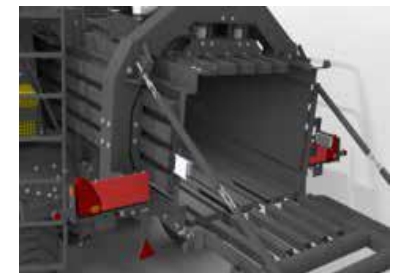
**700 series Moisture  
Only Star Wheels**



Displayed thru Baler ISOBUS terminal  
Optional tablet display  
Accurately reads artificial steam moisture  
Averages moisture of individual flakes  
+/- 1% accuracy up to 30% moisture  
Compatible with 740DM Moisture Dye Marker  
Mounted at rear of bale chamber  
Mounted at front of bale chamber

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**Part Numbers**

**Large Square Balers**

77E – Economy Microwave Sensor for large square balers

- Models – AGCO 21/2200 series – integrates into baler monitor
- Models – Case IH 334, 434, 436HD. New Holland 230, 330, 340, 340HD, 1270, 1290, 1290HD – integrates into baler monitor
- Models – Krone models equipped with CCI1200 monitor – integrates as split screen feature
- Models – All other large square balers – utilize separate tablet (not included) with FREE Precision Bale App
  - *Some rear bracket modifications may be required*

**Accessories**

740DM – Moisture Dye Marker Accessory.

0800 – Red Dye package for Dye Marker Kit. Mixes with water.

006-765FMX – 25' extension harness for Staheli West steamer

1670DK – Field Ready Android tablet, RAM mount, & Precision Bale App preloaded