

JEM has been manufacturing durable bagging scales for over 35 years. For handling free flowing products into open mouthed bags their product line includes:

- **Mechanical Scales**
- **Digital Gross Weigh Scales - Product weighed in the bag**
- **Digital Net Weigh Scales - Pre-weighed Product that is discharged into a bag**



SMNW FALCON SMALL NET WEIGH BAGGING SCALE

A high speed net weigh bagging system designed for small bags and container weights from 1lb to 20 lbs. (1/2 – 10 kg).

The scale is offered in Simplex-single head, Duplex-double head and a Triplex-triple head for your various production requirements or weights from 1lb to 20 lbs. (1/2 – 10 kg).

The scale includes:

- A gravity gate feeder with pantleg diverter to an Eriez electro-magnetic vibratory pan feeder.
- A 6 inch single auger feeder for very fine powders, flours and other fluidic products.
- Your choice of a .4 or 1.0 cubic foot capacity weigh hopper and lower product transition.
- Various spout types and spout sizes are available.
- All systems include a single point compression load cell and digital controller package with memory retained recipe codes, data collection capabilities and auto-jog feature.



**WATCH THE
FALCON IN USE**

SMNW2-VV FALCON DUPLEX BAGGING SCALE SYSTEM

includes:

- Complete weighing system for up to 20-22 bags per minute production rates
- 3 cubic foot capacity inlet pantleg diverter
- (2) 1.0 cubic foot capacity weigh hoppers with Rice Lake load cells and summing box package
- (2) Electro-magnetic HS-26 Series 8" x 14" bulk vibratory pan feeders
- (2) Electro-magnetic HS-26 Series 5" x 22" dribble vibratory pan feeders
- (4) 0-10V DC variable speed controllers with scale communication cards
- (1) IT8000PM NTEP approved digital programmable scale controller with 100 recipe code storage
- (1) Labview data kit for internal reporting and product traceability
- 1 ounce or 28 gram accuracies at 2 sigma on consistent free flowing products
- Fully radiused lower product transition and bag spout
- Electrical and Pneumatics package (110/220V-1-60 at 10 Amps & 2 CFM at 50 PSI 50hz available for an upcharge

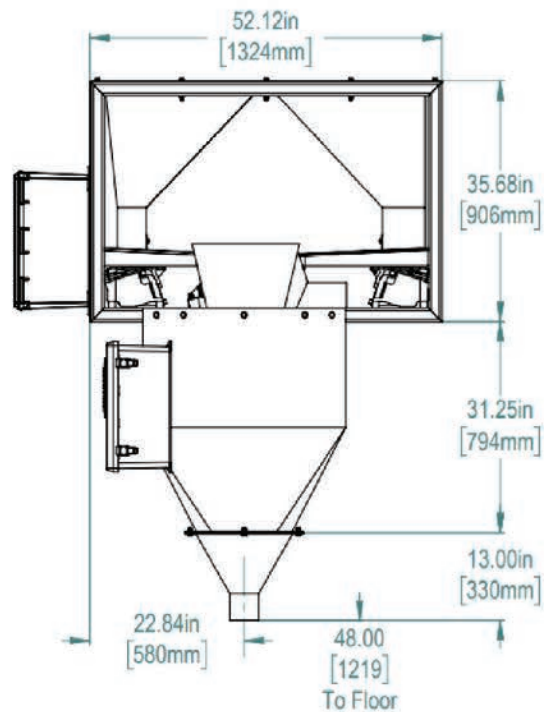
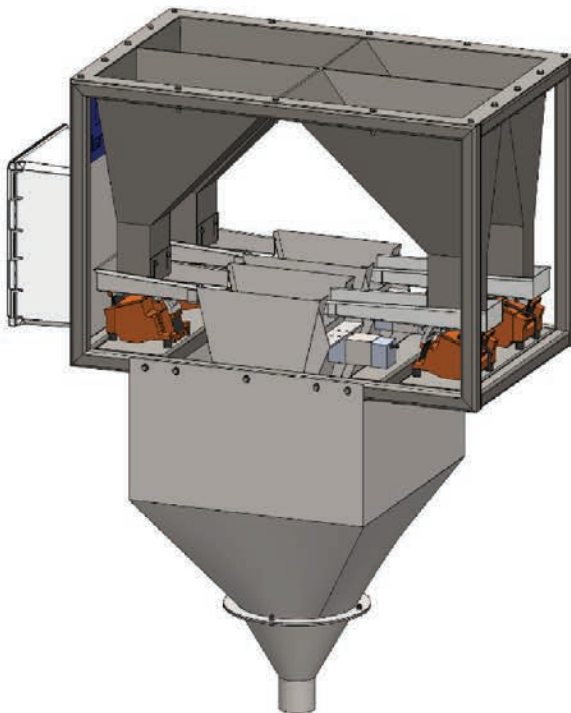
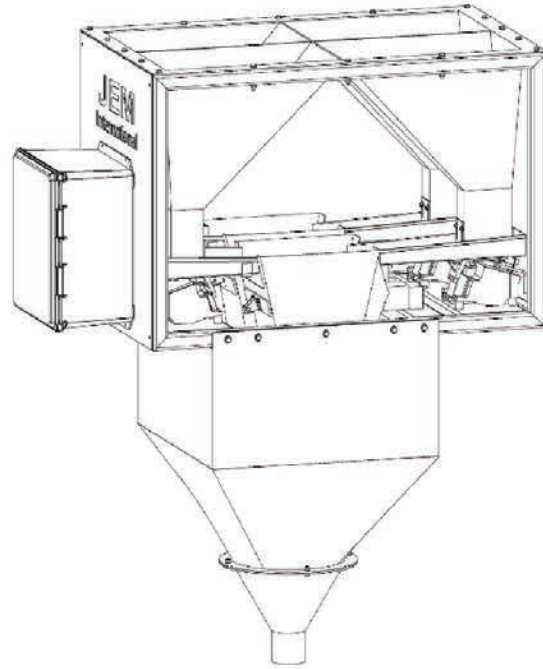
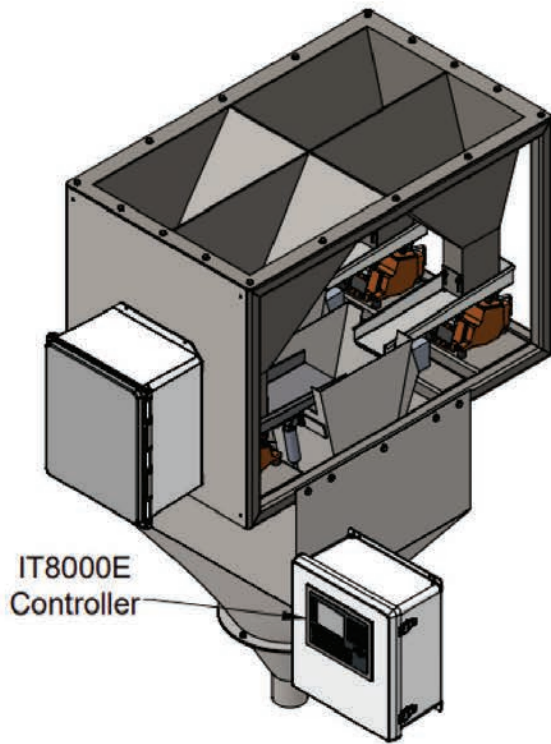


SMNW2-VV-XL FALCON DUPLEX BAGGING SCALE SYSTEM

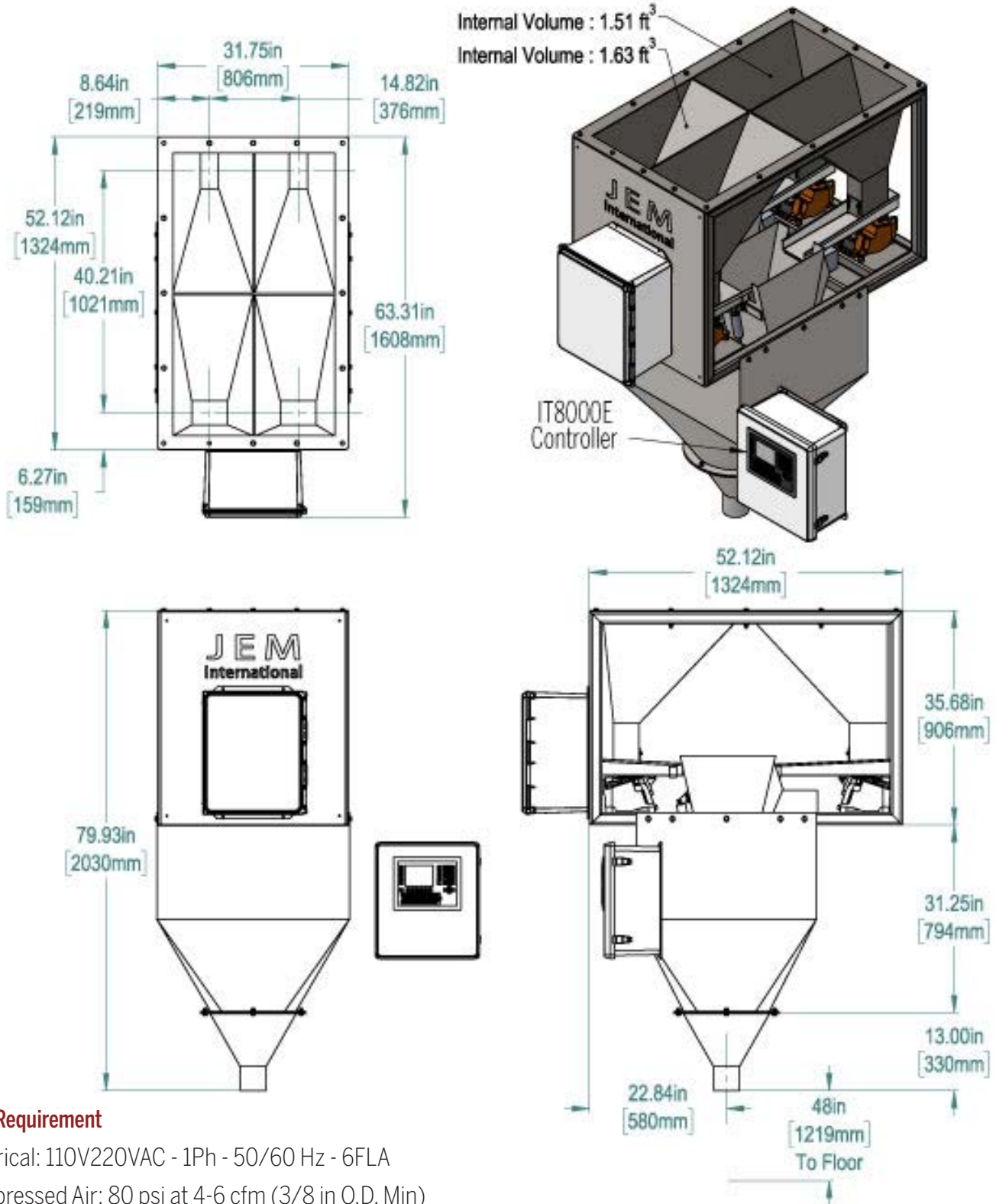
includes:

- Complete weighing system for up to 20-22 bags per minute production rates
- 3 cubic foot capacity inlet pantleg diverter • (2) 1.3 cubic foot capacity weigh hoppers with Rice Lake load cells and summing box package
- (2) Electro-magnetic HS-26 Series 8" x 14" bulk vibratory pan feeders
- (2) Electro-magnetic HS-36 Series 10" x 24" dribble vibratory pan feeders
- (4) 0-10V DC variable speed controllers with scale communication cards
- (1) IT8000PM NTEP approved digital programmable scale controller with 100 recipe code storage
- (1) Labview data kit for internal reporting and product traceability
- 1 ounce or 28 gram accuracies at 2 sigma on consistent free flowing products
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DRAWINGS & DIMENSIONS:



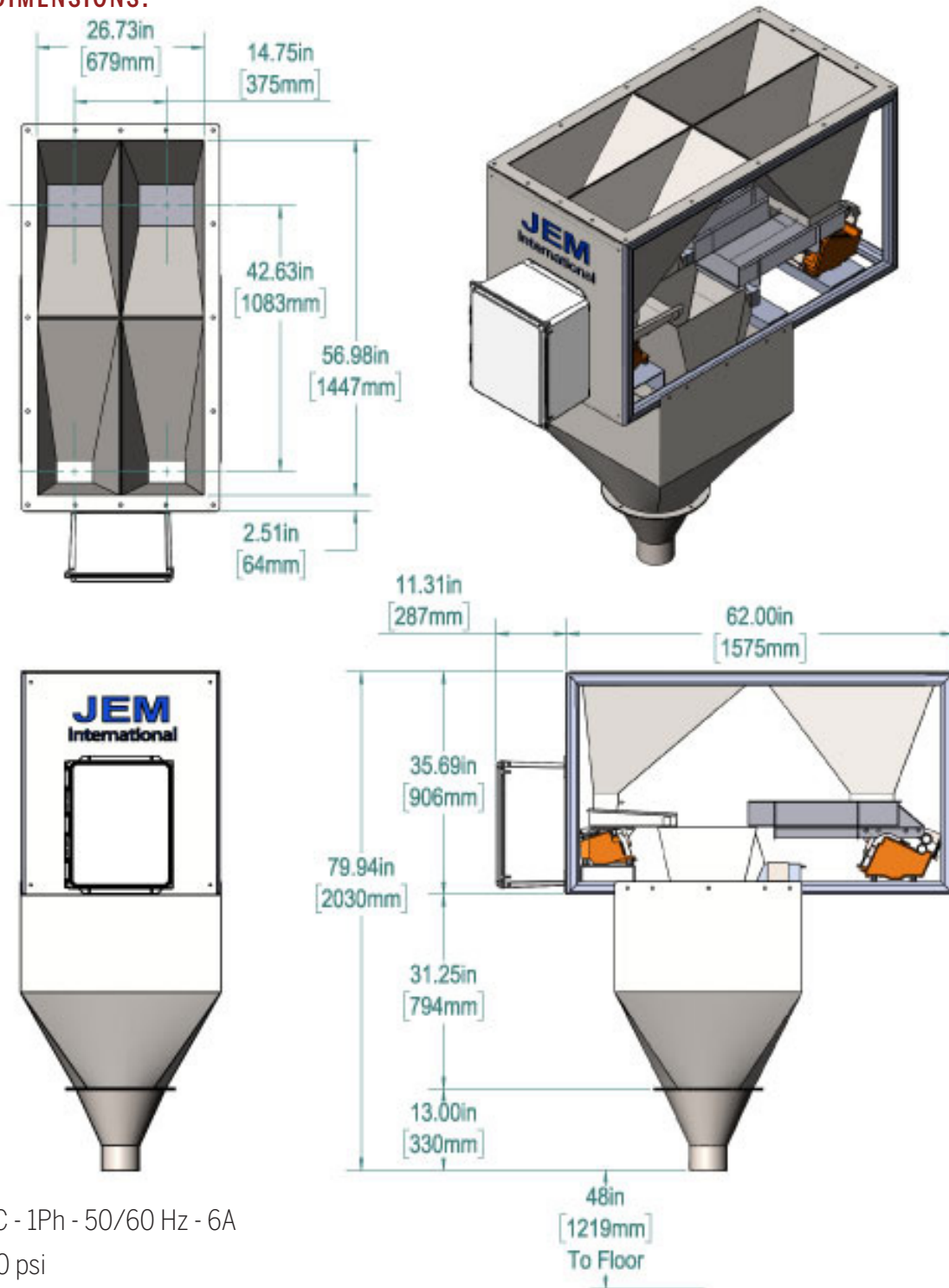
DRAWINGS & DIMENSIONS:



Supply Requirement

- Electrical: 110V220VAC - 1Ph - 50/60 Hz - 6FLA
- Compressed Air: 80 psi at 4-6 cfm (3/8 in O.D. Min)

DRAWINGS & DIMENSIONS:



- 110V220VAC - 1Ph - 50/60 Hz - 6A
- 4-6 cfm at 80 psi

IT6000E - W&M APPROVED WEIGHING TERMINAL FOR GROSS AND NET WEIGHING AND FILLING APPLICATIONS

- Stainless Steel Housing IP69K - Suitable for harsh weighing environments.
- Bright TFT Colour Display - With wide viewing angle, large weight display, and 4 to 8 input lines.
- Simple and Fast Operation - Via integrated keyboard function keys and soft keys, optional full size PC Keyboard (connected via cable or Bluetooth).
- Stationary or Mobile Use: With integrated 110-240VAC Power Supply unit or via External 12/24VDC Battery

UNIVERSAL USE

The W&M approved IT6000E is designed for demanding industrial applications in the chemical and pharmaceutical industry, food industry, and in many other sectors of industry. The industrial design with the powerful modular hardware and the concept of free programmability make the IT6000E the ideal weighing terminal for standard or application-specific solutions, for example:

- Shipping and receiving
- Filling of liquid and solid material
- Checkweighers
- Dynamic weighing and batching systems
- Vehicle weighing
- Mobile data capture systems

WEIGHING ELECTRONICS

1 or 2 Internal scale interfaces possible. Adjustable update rate with up to 800 updates / second. High noise immunity of min. 10 v/m against radio frequency interference. W&M approved resolution of up to 6000d with max 80% preload. Calibration is possible as single or multiple-range (eg. 3x3000d) and as multi-interval scale.

Internal data archive for the storage of up to 120,000 weighing transactions.

FREE PROGRAMMABILITY

Standard programs can be adapted to the requirements of specific applications.

New programs can be designed and tested in a very simple way on a PC with the RTC program development environment.



SIMPLE INTEGRATION

The Linux based operating system with the integrated web server provides the idea functionality for the integration of the IT6000E into local area networks.

WLAN communication and remote access via the internet.

MODULAR CONCEPT

The modular design provides for a variety of configurations and options, such as:

- Enclosures for wall-mount, desk-top or panel-mount installation
- DC or AC Power Supply
- Connection of scales with analog or digital force transducers
- 10/100 Mbps Ethernet interface with integrated web server, WLAN as option
- Integrated USB 2.0 host interfaces, RS232, RS485, RS422, 20mA CL selectable
- Flexible I/O Concept for up to 64 inputs and outputs
- Analog I/Os, etc.

This ensures that the optimal system configuration can be chosen, for stationary as well as mobile use.

DATA COLLECTION SAMPLES:



**WATCH THE DIGITAL
RECIPES AND
FEATURES VIDEO**



**WATCH THE DIGITAL
CONTROLLER VIDEO
WITH DATA PULLED**

EAGLE NET WEIGH

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS	
1	SALT 50	7415	12/4/2017	9:19:47	50.00lb	50.00lb	Bags per minute 12
2	SALT 50	7415	12/4/2017	9:19:52	50.00lb	50.05lb	
3	SALT 50	7415	12/4/2017	9:19:57	50.00lb	50.00lb	% of Error .06*
4	SALT 50	7415	12/4/2017	9:19:52	50.00lb	50.00lb	
5	SALT 50	7415	12/4/2017	9:19:58	50.00lb	50.05lb	*Based on Data Shown
6	SALT 50	7415	12/4/2017	9:20:05	50.00lb	50.10lb	
7	SALT 50	7415	12/4/2017	9:20:10	50.00lb	50.05lb	
8	SALT 50	7415	12/4/2017	9:20:15	50.00lb	50.00lb	
9	SALT 50	7415	12/4/2017	9:20:20	50.00lb	50.05lb	
10	SALT 50	7415	12/4/2017	9:20:25	50.00lb	50.00lb	

FALCON NET WEIGH

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS	
1	PET FOOD	WM123	12/3/2017	15:35:03	4.00lb	4.00lb	Bags per minute 20
2	PET FOOD	WM123	12/3/2017	15:35:06	4.00lb	4.00lb	
3	PET FOOD	WM123	12/3/2017	15:35:09	4.00lb	4.00lb	% of Error .10*
4	PET FOOD	WM123	12/3/2017	15:35:13	4.00lb	4.02lb	
5	PET FOOD	WM123	12/3/2017	15:35:16	4.00lb	4.00lb	*Based on Data Shown
6	PET FOOD	WM123	12/3/2017	15:35:19	4.00lb	4.00lb	
7	PET FOOD	WM123	12/3/2017	15:35:22	4.00lb	4.00lb	
8	PET FOOD	WM123	12/3/2017	15:35:25	4.00lb	4.00lb	
9	PET FOOD	WM123	12/3/2017	15:35:28	4.00lb	4.00lb	
10	PET FOOD	WM123	12/3/2017	15:35:31	4.00lb	4.02lb	

ROYAL GROSS WEIGH

SEQID	RECIPE	LOT	DATE	TIME	TARGET	GROSS	
1	CORN25KG	WM123	11/30/2017	10:22:26	25.00lb	25.00lb	Bags per minute 7.5
2	CORN25KG	WM123	11/30/2017	10:22:34	25.00lb	25.02lb	
3	CORN25KG	WM123	11/30/2017	10:22:42	25.00lb	25.00lb	% of Error .04*
4	CORN25KG	WM123	11/30/2017	10:22:50	25.00lb	25.00lb	
5	CORN25KG	WM123	11/30/2017	10:22:57	25.00lb	25.05lb	*Based on Data Shown
6	CORN25KG	WM123	11/30/2017	10:23:05	25.00lb	25.02b	
7	CORN25KG	WM123	11/30/2017	10:22:13	25.00lb	25.00lb	
8	CORN25KG	WM123	11/30/2017	10:22:21	25.00lb	25.00lb	
9	CORN25KG	WM123	11/30/2017	10:22:29	25.00lb	25.02lb	
10	CORN25KG	WM123	11/30/2017	10:22:37	25.00lb	25.00lb	