

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**

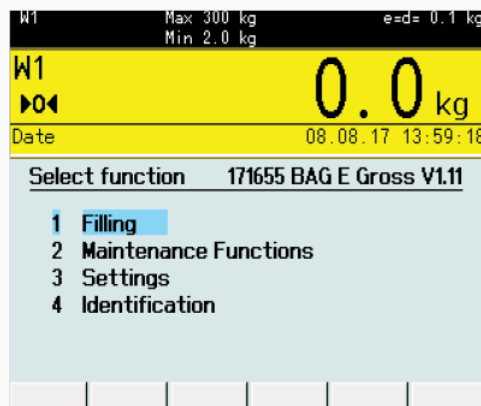
NW EAGLE SCALE

- Dust tight enclosure with tool-less access doors on all sides of scale.
- Precise weigh hopper assemblies available in 2.0 or 3.5 cubic foot capacities.
- Inside radius design product transition and bag spout available - In dust tight or easy hang style.
- IT6000E (Simplex) or IT8000E (Duplex) digital programmable controller.
- Auto "smart" mode for accurate weight corrections.
- Data communication, Ethernet or USB ports available and remote access module for technical help and program updates
- Quick stabilization dual compression load cell design. Complete electrical and pneumatic controls package including 24V (low voltage) controls.
- All models available in:
 - Mild steel
 - Stainless Steel Contact Surfaces
 - All Stainless Steel Construction including: Stainless Steel air cylinders, bearings, covers, hardware, etc...

- Food Grade Package includes: All Stainless Steel construction plus bead blasting, food grade seals, continuous welds, removal of ledges and radiused to remove any bacteria harboring areas.
- HD-Aggregate Package includes AR lined Hopper doors, inlet chute, Eriez vibratory feeders - 18" x 36" with AR steel and noise reduction liner.



WATCH THE NW EAGLE IN USE



NW Eagle Scale



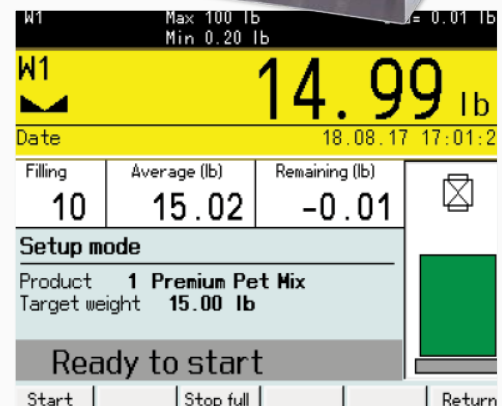
JEM
INTERNATIONAL INC.

The NW EAGLE is a high speed net weigh bagging scale capable of producing:

14-15 bags per minute
with a single head (simplex system)

22 bags per minute
with a double head (duplex system)

30 + bags per minute
with a triple head (triplex system)

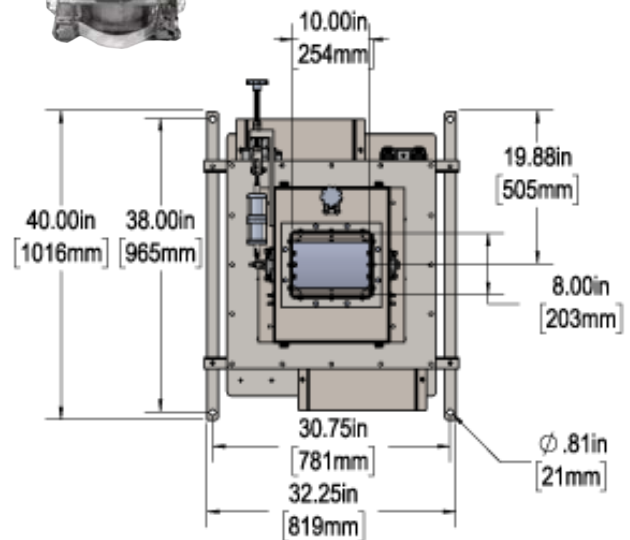


FEEDER TYPES:

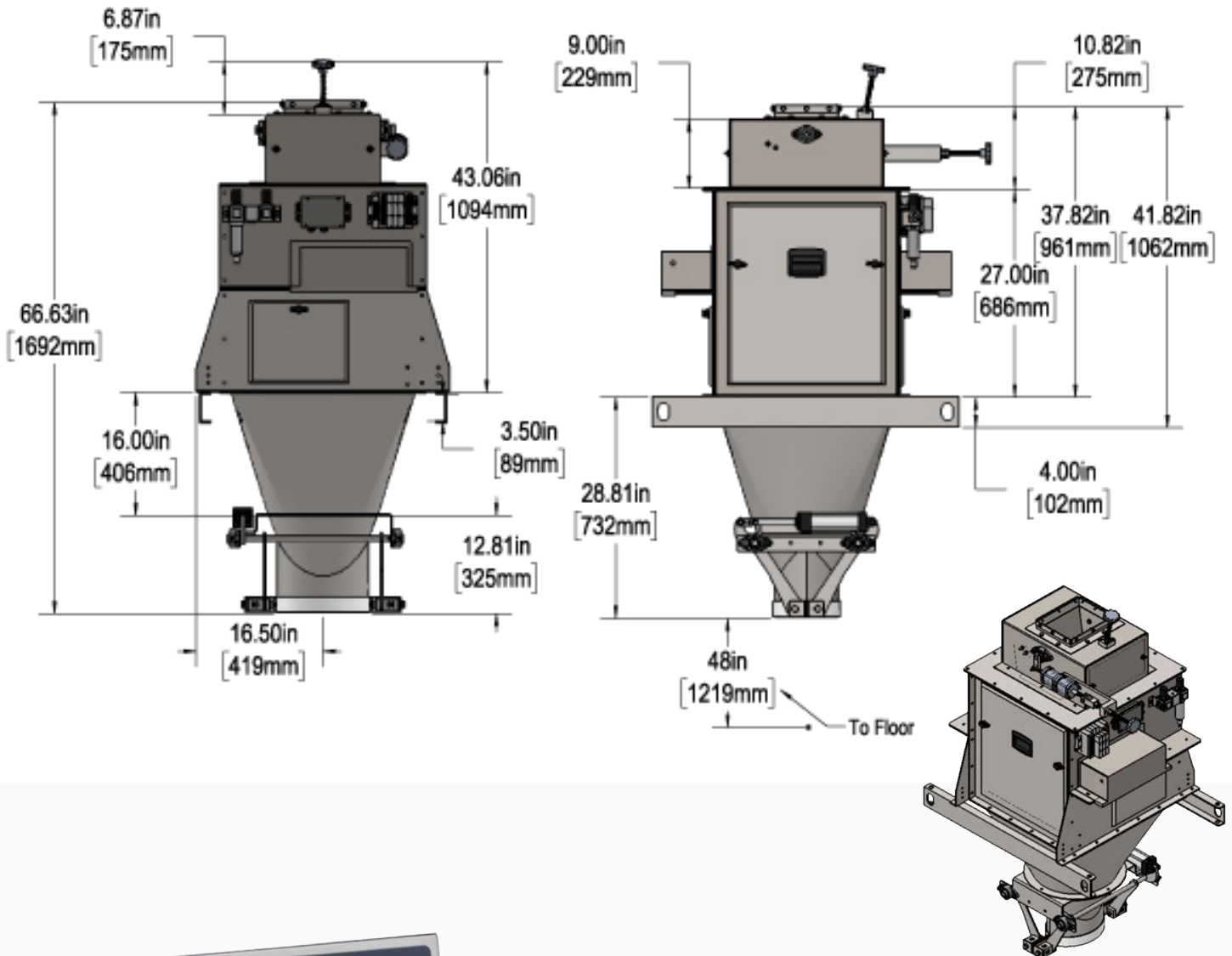
- **Gravity Gate** - With bulk and dribble tandem air cylinders for dry, free flowing products. 8" x 10" gate inlet.
- **Gravity Gate and Vibratory Pan Feeder** – For maximum accuracies on dry, free flowing products, common for pet food, almonds, nuts, flake, and granular salt etc....
- **Flex-Belt Feeder** - For semi-free flowing products over 1 inch in size, products that contain 7% molasses or more, oils, some powders or any products that do not have granular type, dry free flowing consistent flow characteristics. Most flexible feeder type.
- **Twin Auger Feeder** – With progressive pitch, twin 6 inch augers with 3HP AC Variable Speed Drive and gear motor interfaced with controls package, Salina Vortex air tight slide gate and drop bottom clean out doors.

Tool-less access doors have been added to all four sides of the scale to assist with clean out and maintenance. The outboard load cell design allows for faster load stabilization and increased accuracies. The pre-programmed digital controller has memory retained product recipe codes, and "auto jog" feature to eliminate underweight bags for simplex, duplex and triplex scales.

System includes complete pneumatic and 24V low voltage controls package.



DIMENSIONS:



IT6000E

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.



**WATCH THE DIGITAL
RECIPES AND
FEATURES VIDEO**



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

DATA COLLECTION SAMPLES:

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	