# BAGGING MACHINE MK-IBM INTELLIGENT BAGGING SCALE

#### Making the World Measurable Linking Your Smart Life



### Intelligent control, Precise and efficient

MK-IBM is an automatic bagging scale, its selfoptimizing controls can be precisely configured to your specific material flow, speed and accuracy requirements

MK-IBM -- an intelligent bagging scale is widely used for granule packing.





Address: Plaza Vegas, 3305 Vest Spring Mountain Rd., #48, Las Vegas Nevada 89102, USA www.mk-cells.com

# R **MACells**

### **BAGGING MACHINE MK-IBM**

### high speed weigher

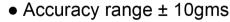
FOR GRANULES PACKAGING



### **Highlights**

- Specially designed for granular products like Rice, Pulses, Plastic Granules, Animal Feed, Maize, Soybeans, Seeds etc
- Equipped with self optimizing intelligent program for high speed operation
- Can be easily mounted directly below the storage





- Models available in 5-25kgs, 10-50 kgs
- Speeds up to 16 Bags per minute



# MKCells

### **Industrial Design**

Special design for industrial application, high speed and accuracy.



Module Design Standard flange interface for easy and fast installation.

 Load Cell Installation Location





**Control Indicator** 

- The food contacting materials are all made of S304 stainless steel and can be used for food packaging such as rice, soybeans, corn, grains, mung beans, etc.
- International premium brand components ensure the product quality.





Stepping Motor For feeding control achieves intelligent auto adjustment fast and accurately.



USB Embedded USB for exporting data conveniently and system upgrading.



# MKCells

- MK Solution (USA), inc independent R&D of packaging controllers. The software system is perfectly customized for the equipment, making the packaging faster, more accurate and smarter.
- Dual serial port RS232/RS485
- Modbus TCP/IP
- 4G/5G Communication (Optional)

### **User-friendly design**

\*\*\*\*\*\*

10-inch touch screen, real-time display of current status, detection of weight, recipe information, fast/slow feeding and other key data.

0. 000 kg





0.001

 Parameter interface optimization and upgrade.

Setting	0.	001 kg	Administrator 2019-03-22 18:11	
Recipe ID	01 >	Target	25.000 kg	
Fast ReserveValue	2.500 kg	Slow ReserveValue	80 9	
Fast Steps	7500	Slow Steps	2200	
Result Waiting Timer	0.900 s	Discharge Timer	2.000 s	
Multiple Discharge	01 pcs	Over/Under Check		
Over/Under Pause		Over: 0g	Under: 0g	
Over/Under Alarm Timer	2.000 s	Filling Start Delay	0.000 s	

- Observing data changes when setting parameters, which is simultaneous and intuitive.
- Calibration according to different materials with step hints to make the field calibration more convenient.





## Well-organized data management

Motor parameters: an interface can simultaneously display the motor status and parameters which is easy to debug.

Eex Data&Time 1 2019-03-22 18:29:56		tual E(g) .	Time (S) ieu 4. 292	Tota	31 S	elect	1P 1L 1P 13L 0 P	
	Mo <	otor Par Setting		40 ÷	-0	. 004	4	dministrator )19-03-22 18:2:
	Sta	te	RUN OP	EN Zero	0	Pluse Nu	mber Calibratio	n
	Plu	se Fre.	Start: 0.1	OkHz Max:	40. 0kHz	Target Area	Fast Pluse Num	Slow Pluse Num
Home Previous	Motor Dr Logic Reverse Forward					≪5kg	4500	2000
		Auto Adjust				5-10kg	4800	2000
	P	Max			8000	10-15kg	5500	2000
	u s	Fast Pluse Num			7500	15-20kg	6000	2200
	6	Slow Pluse Num			2200	20-25kg	7500	2200
						lain Page		Next Page >

All definitions of each port can be intuitively selected.



(Millells)

R

Packing Scale

### **Specification**

Model	MK-IBM-25K, MK-IBM-50K					
Hardware	10 inch Touch Screen, Actuator, F301 Mainboard, 4G Signal Transmitte					
Structure	Weigher Scale, Measuring Hopper, Electric Cabinet, Discharge Hopper					
Core Accessories	F103 Mainboard					
Controller	F103 Mainboard					
Communication	USB , RS232/485					
Weighing Range	5~25kg, 10~50kg					
Value for min. division	1、2、5、10、20、50					
Accurarcy	±10g					
Speed	≤1000BPH					
Operating Temperature	0°C ~ 40°C					
Operating Humidity	90%R.H condensation is not allowed					
Power	AC110 ~ 260V.50/60HZ. Approximate 200VA					
Material	S201 stainless steel, S304 optional					







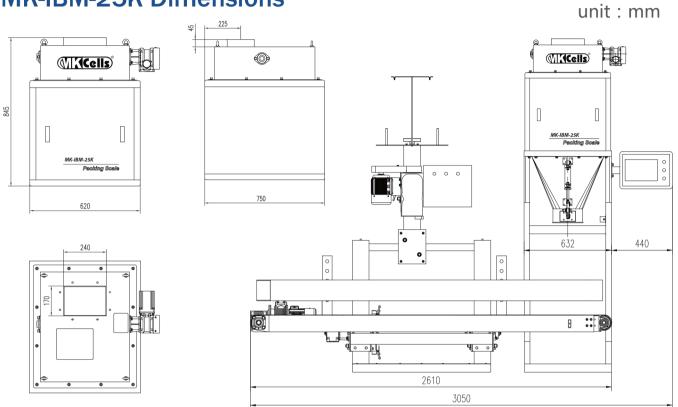






# **MKCells**

### **MK-IBM-25K** Dimensions



### **MK-IBM-50K Dimensions**

