

BAGGING MACHINE MK-IBM

INTELLIGENT BAGGING SCALE

Intelligent control, Precise and efficient

MK-IBM is an automatic bagging scale, its self-optimizing 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.



MK-IBM with Sewing Machine



MK-IBM without Sewing Machine



MKCells[®]
MK SOLUTION (USA), INC

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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
- Accuracy range $\pm 10\text{gms}$
- Models available in 5-25kgs, 10-50 kgs
- Speeds up to 16 Bags per minute

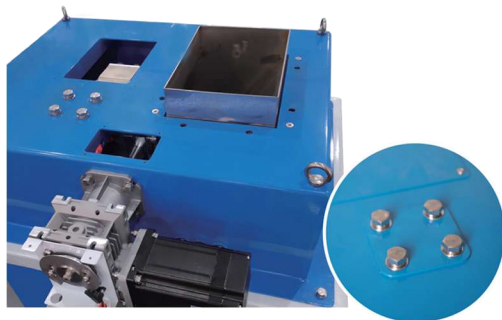
Industrial Design

Special design for industrial application, high speed and accuracy.



Module Design

Standard flange interface for easy and fast installation.

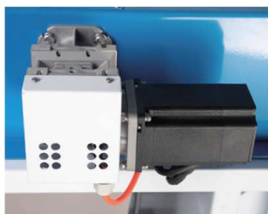
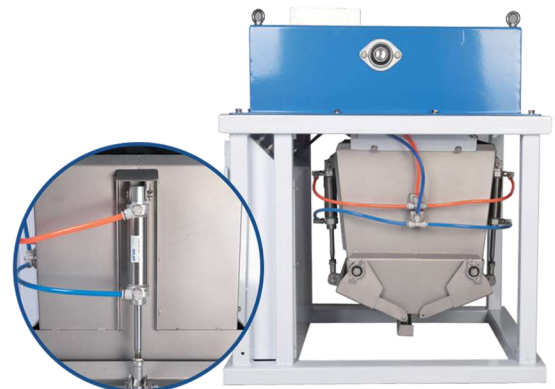


► Load Cell
Installation Location



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.



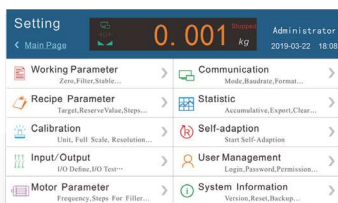
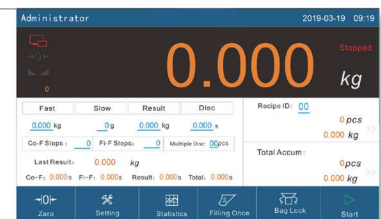
USB

Embedded USB for exporting data conveniently and system upgrading.

- 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.



- Parameter interface optimization and upgrade.



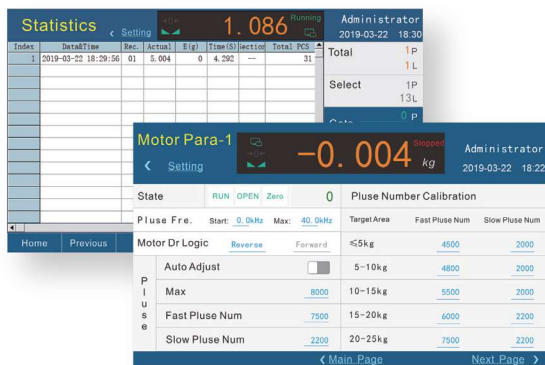
- Observing data changes when setting parameters, which is simultaneous and intuitive.



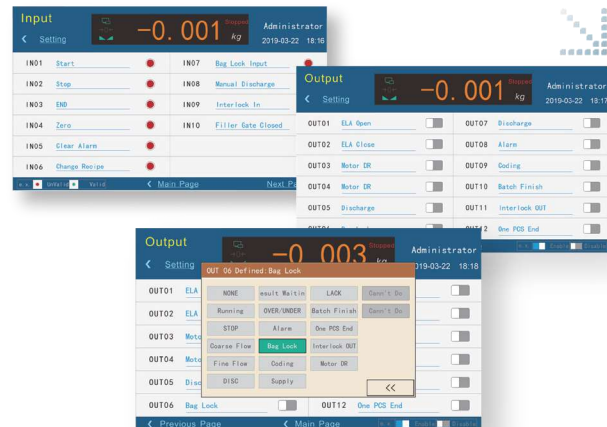
- Calibration according to different materials with step hints to make the field calibration more convenient.

Well-organized data management

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



All definitions of each port can be intuitively selected.



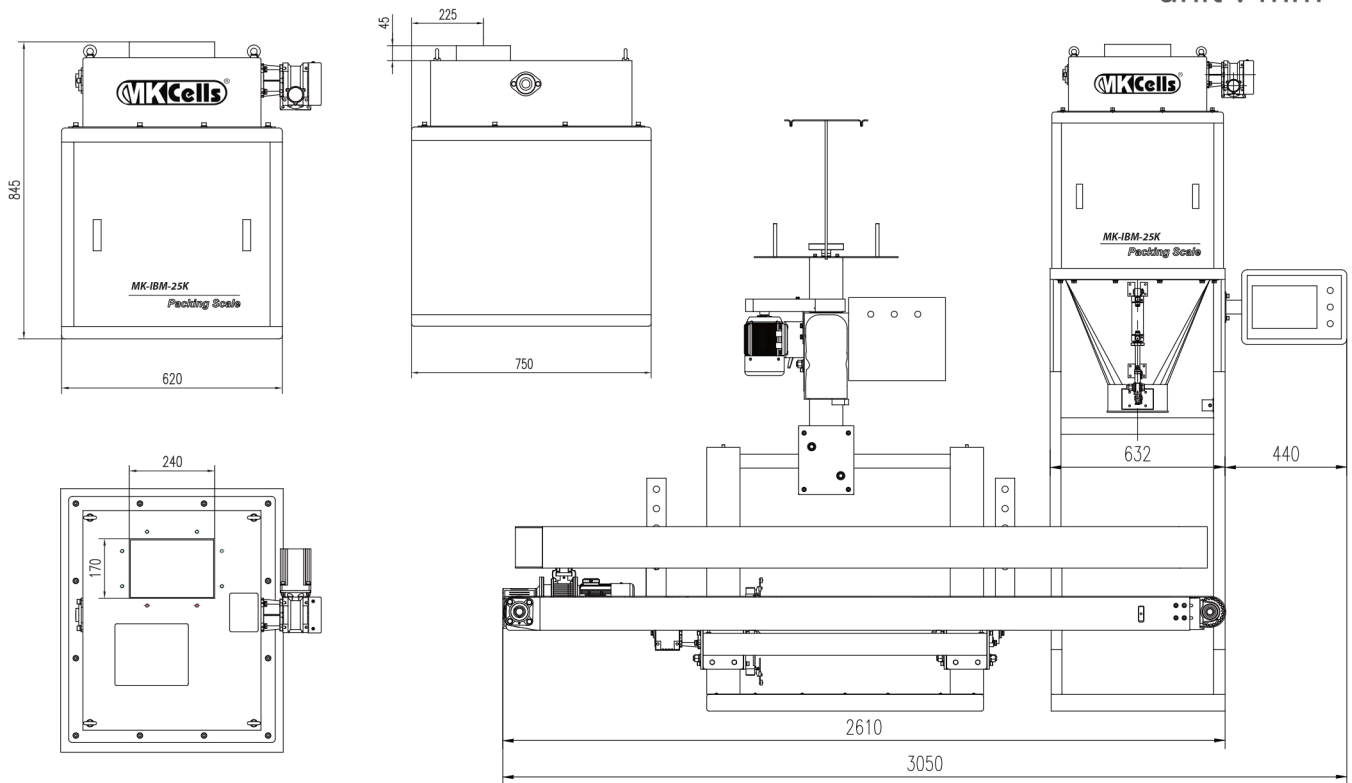
Specification

Model	MK-IBM-25K, MK-IBM-50K
Hardware	10 inch Touch Screen, Actuator, F301 Mainboard, 4G Signal Transmitter
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
Accuracy	±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



MK-IBM-25K Dimensions

unit : mm



MK-IBM-50K Dimensions

unit : mm

