GENERAL MEASURE

PaxGo Series
Intelligent Packing Filler

GENERAL MEASURE

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GENERAL MEASURE

Making the World Measurable
Linking Your Smart Life

PaxGo Series Intelligent Packing Filler — an intelligent filler is widely used for granule packing.

PaxGo Series
Intellingent Packing Filler

Easy Operation

Automatic Control

Accurate Weighing

High Efficiency

PaxGo is an automatic weigh filler its self-optimizing controls can be precisely configured to your specific material flow, speed and accuracy requirements.

Features:

- Specially designed for granular products like Rice, Pulses,Plastic Granules, Animal Feed, Maize,Soybeans,Seeds ,Sugar and other granular material;
- Equipped with self optimizing intelligent program for high speed operation;
- Best accuracy ±2g;
- Models available in 25g~1kg, 0.25-5kg, 0.5-10kg, 5-25kg, 10-50kg;
- Speeds up to 3600pcs/h(depends on different model and weight).

Industrial Design

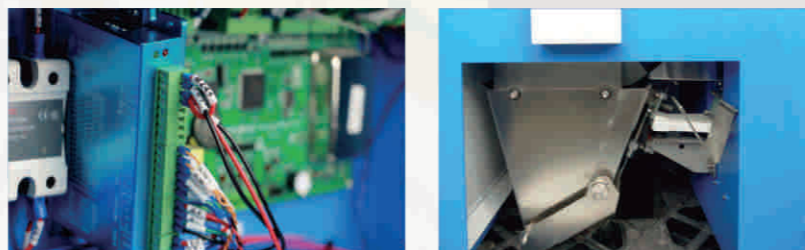Special design for industrial application, high speed and accuracy.
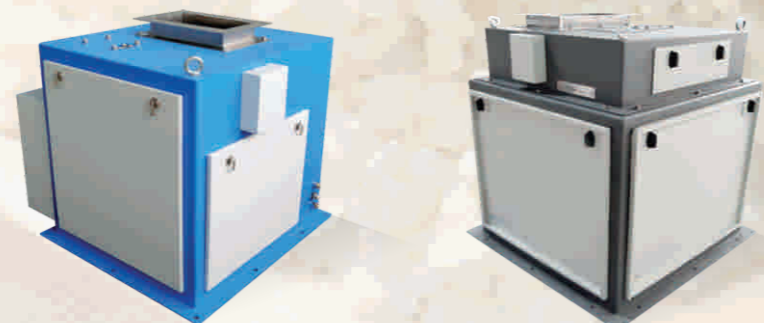
User-friendly Design

- The food contacting materials are all made of S304 stainless steel and can be used for food packaging;
- International premium brand components ensure the product quality.

Communication interface

- Dual serial port RS485;
- Modbus TCP/IP;
- 4G/5G Communication (Optional).

Module Design

Easy installation and dismounting for washing down.

Servo Motor

For feeding control, intelligent auto-adjustment fast and accurate.
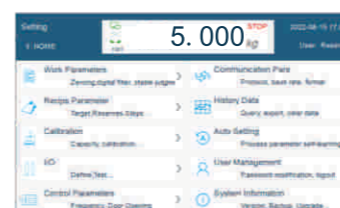
USB

Embedded USB for exporting data and system upgrading.

RS485;

🖲 User-friendly design

10-inch color user friendly touch screen and graphical design interface. Simple operation, no need complicated training.
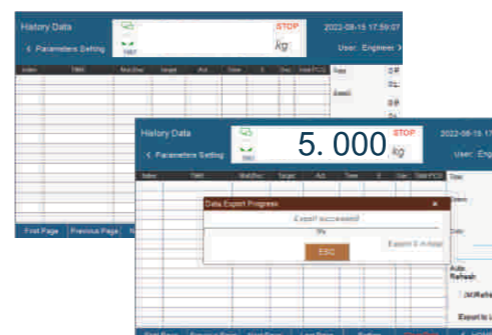
- Parameter interface optimization and upgrade.

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

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

📊 Well-organized data management

- Ten million weight data entries record, power-off data save function.

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

GRANULE PACKING FILLER

(Jumbo Bag Packing Function Available)

AF-50K

10-50 kg
Weighing range

± 20 g
Best accuracy

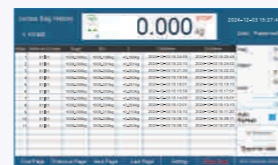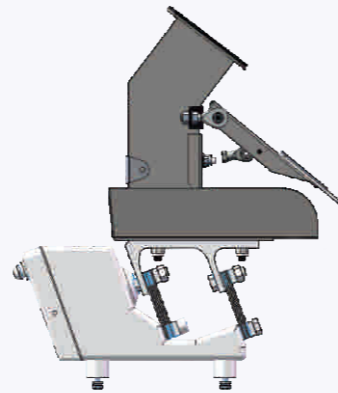**≥800** + Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Optional:
• vibrator feeding

Features:

• Granular material: design for free-flow granular materials such as plastic particles, rice, sugar and so on ;

• Module design: easy dismounting for cleaning;

• Parameter setting: self-adjust function with target value set only;

• Stable performance: servo motor controls feeding process;

• Fast and accurate: 900 pcs/h with fast algorithm , and best accuracy ± 20g.

• Jumbo bag packing performance: accuracy: ±500g, speed: 1t/min;

• Jumbo bag packing function: multi-pack continuous discharging available, fast feeding for speed and slow feeding of the last pack for accuracy;

• History record: every pack's entry and jumbo bag packing data recorded.
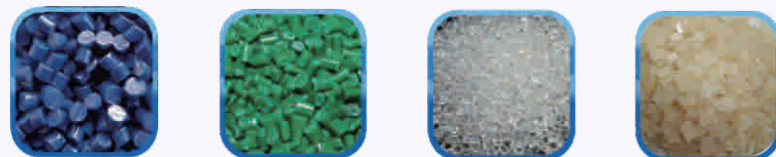
Specification

Model	PaxGO AF-50K	AF-50K Jumbo Bag Packing
Weighing range	10~50Kg	500kg~50t
Division	1g	1g
Best Accuracy*	±20g	±500g
Speed*	≥800pcs/h(Enable fast algorithm:900 pcs/h)	1t/min
Volume	86L	
Feeding method	Feeding control by servo, pneumatic discharging	
Material	SS304,carbon steel	
I/O	8 output(5V),8 input(24V)	
Communication	RS485,Modbus TCP/IP	
Pneumatic	0.4~0.6MPa	
Power	Single Phase AC-220V ±10%,50/60HZ,1KW	
Working environment	0~40°C，90%R.H condensation is not allowed	

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension

Unit: mm

185.5

(955)

750

750

988

740

A (Bottom frame dimension)

PNEUMATIC VERSION
AF-50K

25-50kg
Weighing range

Stable Performance

Easy Installation

±25g
Best accuracy

Pneumatic Cylinder Control

High Speed Weighing

≥1100 + Pcs/h
Speed

Features:

- Granular material: design for packing plastic particles, rice, sugar and other granular material;
- Easy installation: module design, easy for installation and dismount;
- Convenient setup: self-adjust function with target value set only;
- High-speed performance: pneumatic cylinder control, speed can reach above 1100pcs/h;
- Weighing accurate: weighing range is 25~50kg, best accuracy is ±25g。

Optional:

23.456 kg

10-inch touch screen

User-friendly interface design, vivid display, easy to operate.

Specification	
Model	PaxGO AF-50K Pneumatic Version
Weighing range	25~50Kg
Division	1g
Best Accuracy*	±25g
Speed*	≥1100pcs/h
Volume	86L
Feeding method	Pneumatic cylinder control
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485,Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,1KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension
Unit: mm
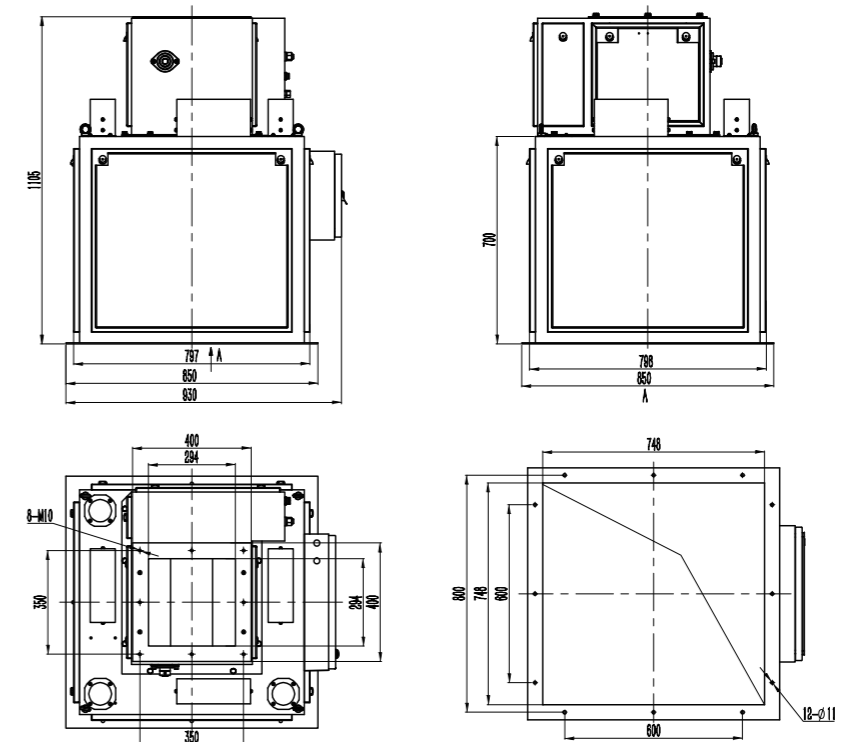
DUPLEX PACKING FILLER
AF-50KⅡ
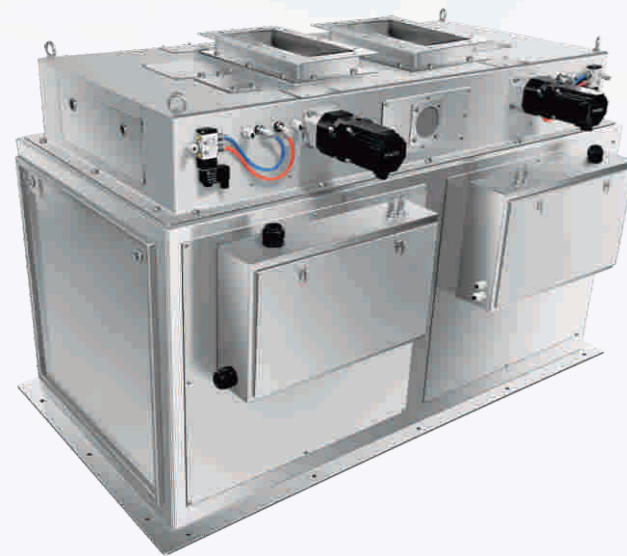
10-50kg
Weighing range

±20g
Best accuracy

≥1500 + Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

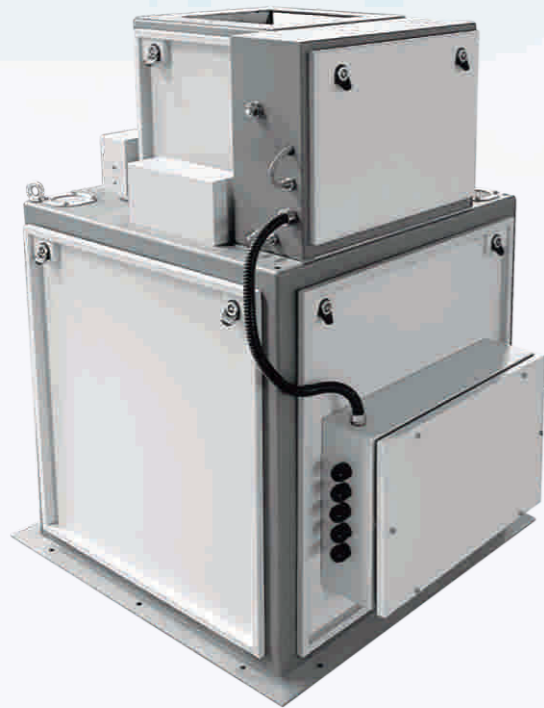**Weighing Accurate**

Specification

Specification	
Model	PaxGO AF-50KⅡ
Weighing range	10~50Kg
Division	1g
Best Accuracy*	±20g
Speed*	≥1500pcs/h(Enable fast algorithm:1800 pcs/h)
Volume	86L x 2
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485,Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,1KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension

Unit: mm

∧ (Bottom frame dimension)

Features:

- Granular material: design for packing plastic particles, rice, sugar and other granular material;
- Easy dismounting: module design of measuring hopper for easy cleaning;
- Parameter setting: self-adjust function with target value set only;
- Stable performance: servo motor controls feeding process;
- Fast and accurate: weighing range is 10-50kg.Speed can reach 1800 pcs/h when the fast algorithm is opened,and best accuracy ± 20g.

Optional:

23.456 kg

10-inch touch screen

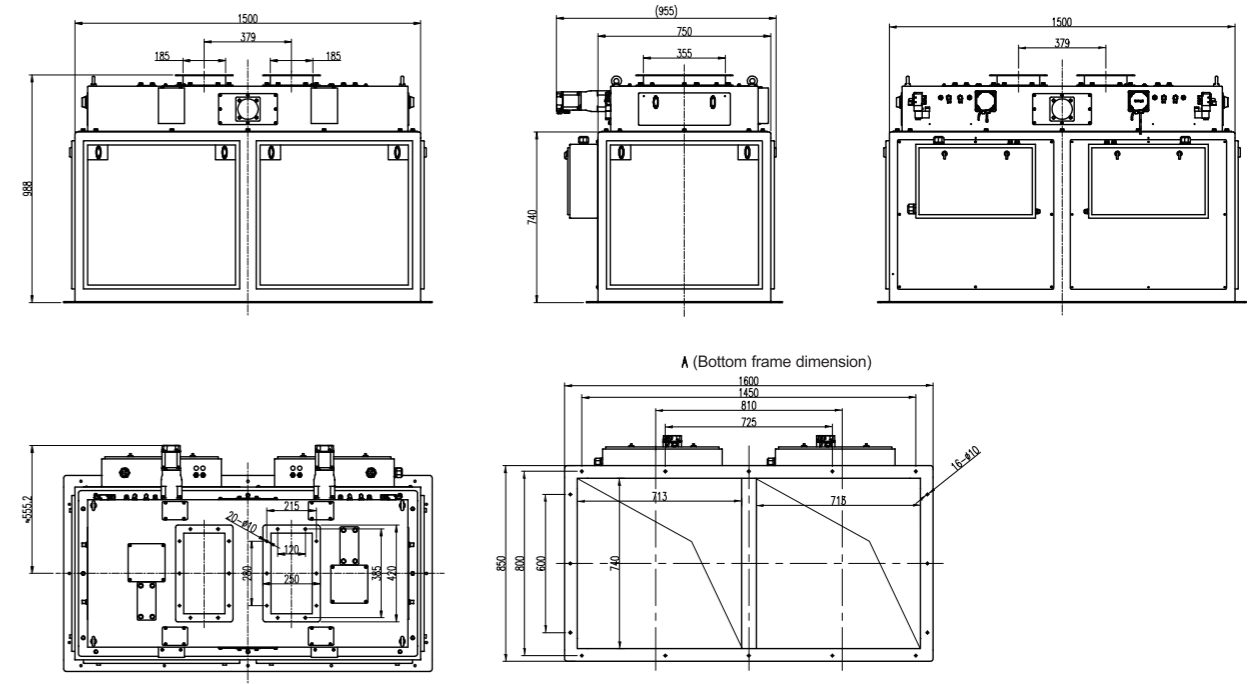User-friendly interface design, vivid display, easy to operate.

GRANULE PACKING FILLER
AF-25K

5-25 kg
Weighing range

±10 g
Best accuracy

≥900 + Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- **Granular material:** design for plastic particle, granular fertilizer. feeds and other granular material.
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Fast and accurate:** weighing range is 5-25kg.Speed can reach 1200 pcs/h when the fast algorithm is opened,and best accuracy ± 10g.

Optional:

Bag Clamp
- SS304 stainless steel.

vibrator feeding

Specification

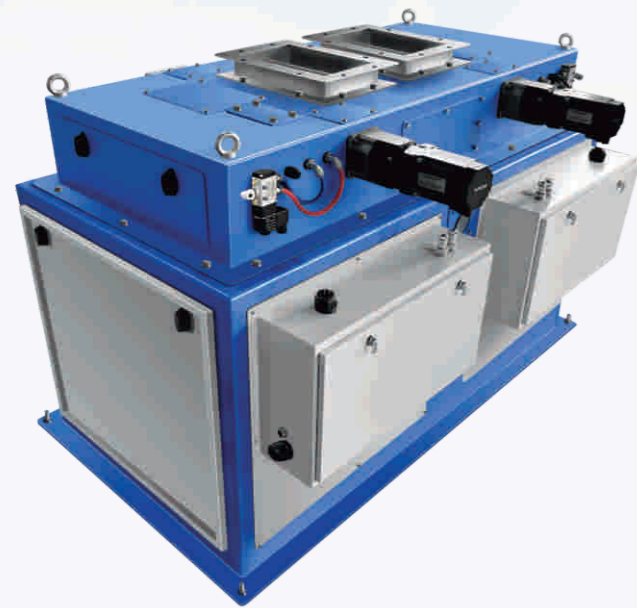| Specification	
Model	PaxGO AF-25K
Weighing range	5~25Kg
Division	1g
Best Accuracy*	±10g
Speed*	≥900pcs/h(Enable fast algorithm:1200 pcs/h)
Volume	55L
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485,Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,1KW
Working environment	0~40°C, 90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

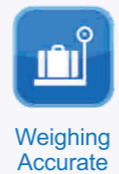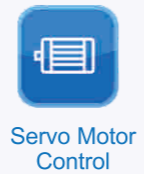## Structure & Dimension   Unit: mm

A (Bottom frame dimension)

A (Bottom frame dimension)

B (Feeding port dimension)

B (Feeding port dimension)

DUPLEX PACKING FILLER
AF-25KII

5-25kg
Weighing range

± 10g
Best accuracy

≥1600 + Pcs/h
Speed
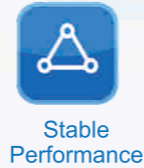
Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

- **Granular material:** design for plastic particle, granular fertilizer. feeds and other granular material.
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Fast and accurate:** weighing range is 5-25kg.Speed can reach 2400 pcs/h when the fast algorithm is opened,and best accuracy ± 10g.

Optional:

Bag Clamp
- SS304 stainless steel.

23.456

10-inch touch screen
- User-friendly interface design, vivid display, easy to operate.

Specification

Specification	
Model	PaxGO AF-25KII
Weighing range	5~25Kg
Division	1g
Best Accuracy*	±10g
Speed*	≥1600pcs/h(Enable fast algorithm:2400 pcs/h)
Volume	55L x 2
Feeding method	Feeding control by servo, pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485,Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,1KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension   Unit: mm

A (Bottom frame dimension)
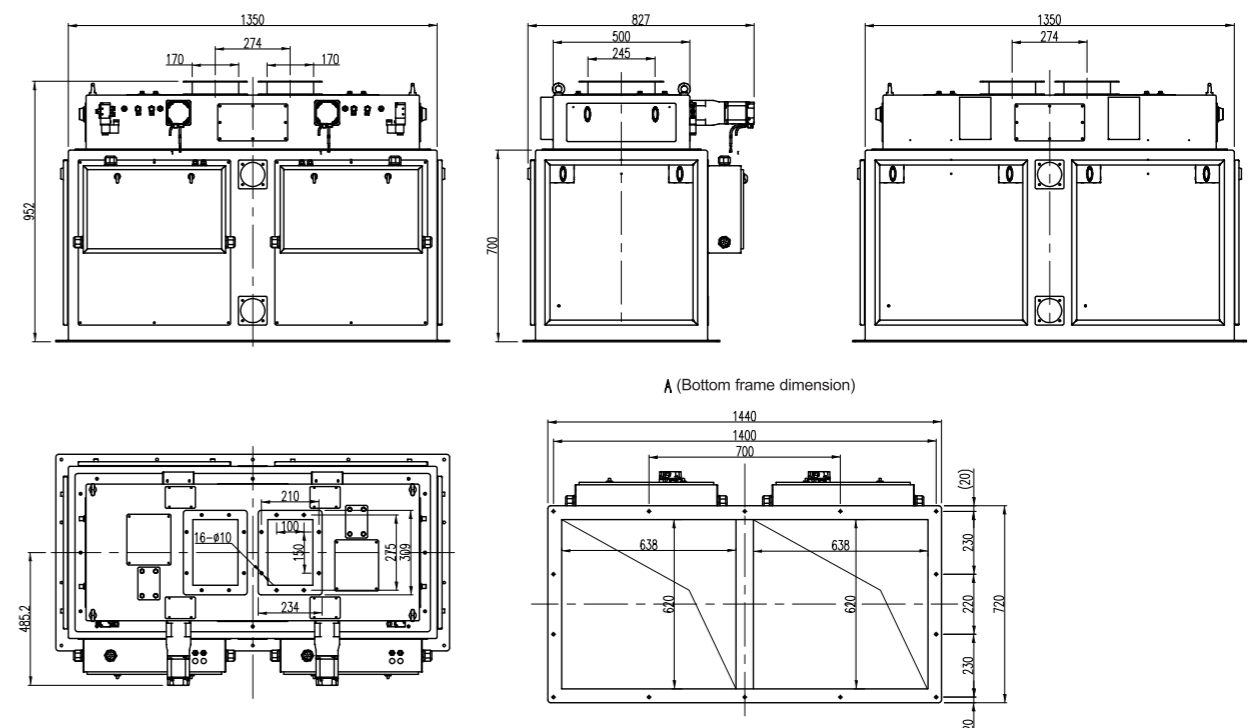
GRANULE PACKING FILLER
AF-10K

0.5-10 kg
Weighing range

± 3 g
Best accuracy

≥900 +Pcs/h
Speed

Stable Performance

Easy Installation

Servo Motor Control

Weighing Accurate

Features:

• Granular material: design for rice, millet. beans and other granular material;

• Easy dismounting: module design of measuring hopper for easy cleaning;

• Parameter setting: self-adjust function with target value set only;

• Stable performance: servo motor controls feeding process;

• Fast and accurate: weighing range is 0.5-10kg. Speed can reach 1300 pcs/h when the fast algorithm is opened,and best accuracy ± 3g.

Optional:

23.456 kg

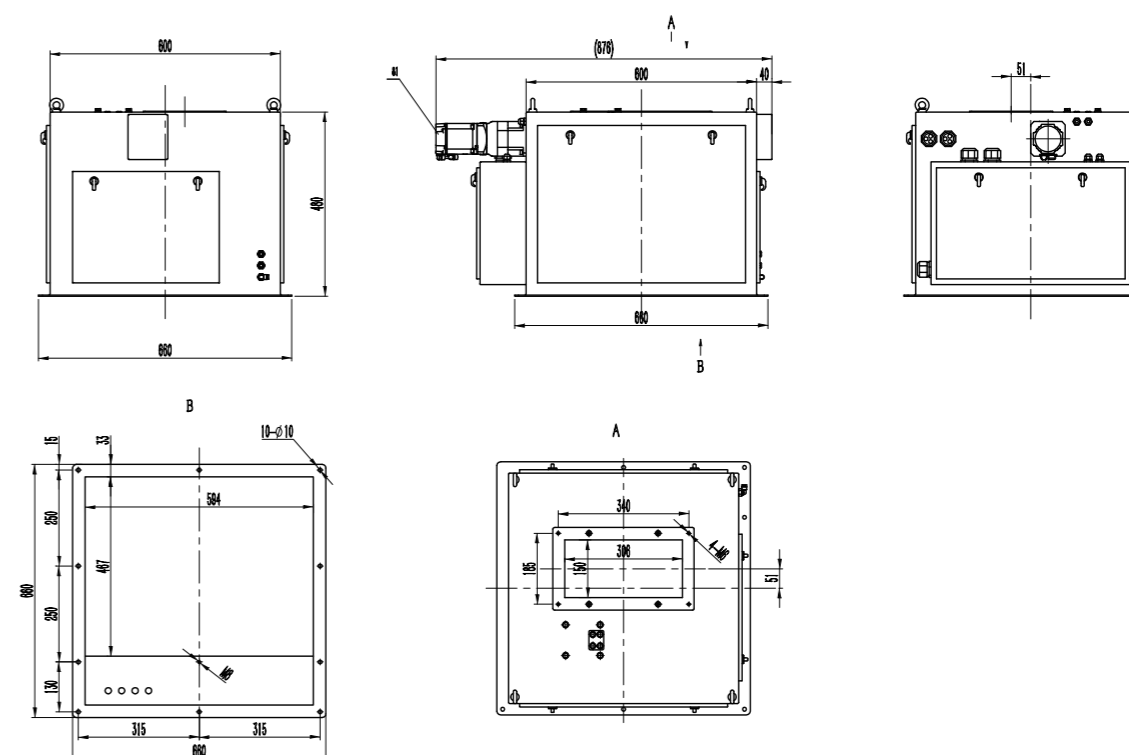**10-inch touch screen**

User-friendly interface design, vivid display, easy to operate.

Specification

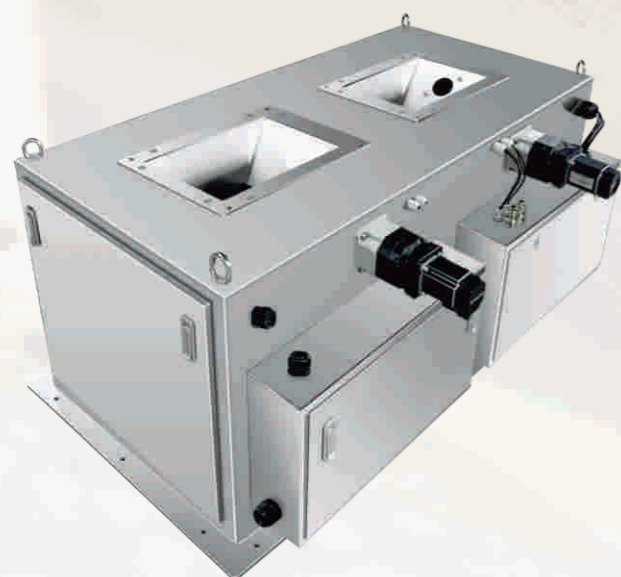| Specification	
Model	PaxGO AF-10K
Weighing range	0.5~10Kg
Division	1g
Best Accuracy*	±3g
Speed*	≥900pcs/h(Enable fast algorithm:1300 pcs/h)
Volume	15L
Feeding method	Servo motor+ feeding vibrator, pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485,Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,500KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

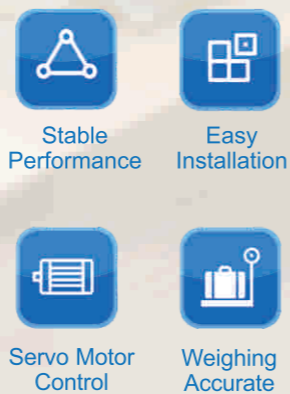## Structure & Dimension   Unit: mm

DUPLEX PACKING FILLER
AF-10K Ⅱ

0.5-10 kg
Weighing range

Stable Performance

Easy Installation

± 3 g
Best accuracy

Servo Motor Control

Weighing Accurate

≥ 1600 + Pcs/h
Speed

Specification

Model	PaxGO AF-10K Ⅱ
Weighing range	0.5~10Kg
Division	1g
Best Accuracy*	±3g
Speed*	≥1600 pcs/h(Enable fast algorithm:2600 pcs/h)
Volume	15L x 2
Feeding method	Servo motor + feeding vibrator , pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,500KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Features:

- **Granular material:** design for rice, millet. beans and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Fast and accurate:** weighing range is 0.5-10kg. Speed can reach 2600 pcs/h when the fast algorithm is opened,and best accuracy ± 3g.

Optional:

23.456 kg

10-inch touch screen
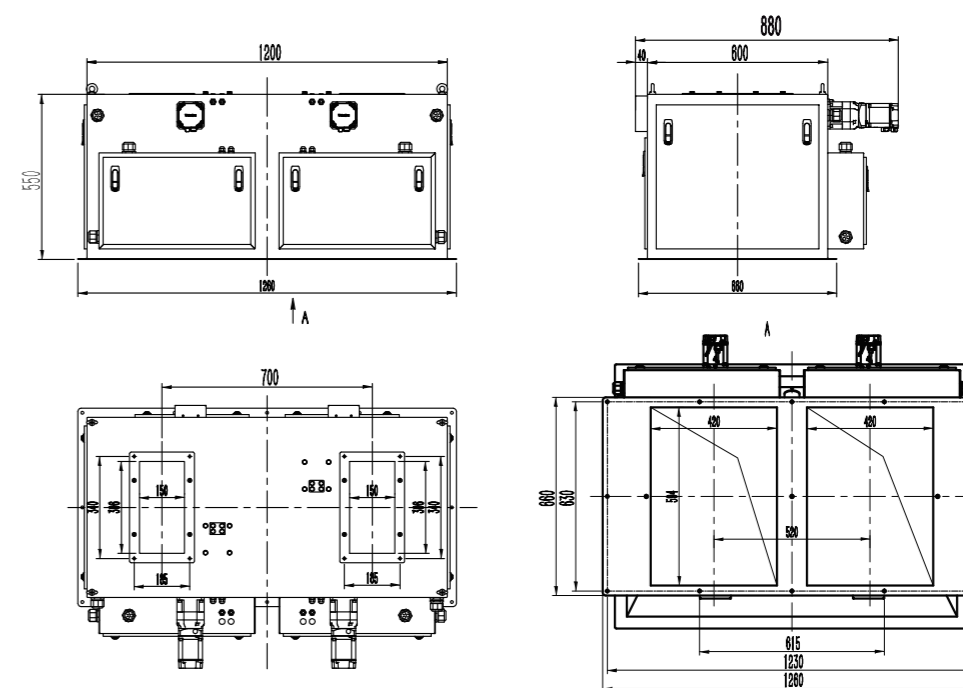
User-friendly interface design, vivid display, easy to operate.

Structure & Dimension
Unit: mm

GRANULE PACKING FILLER
AF-5K

0.25-5 kg
Weighing range

Stable Performance

Easy Installation

± 2 g
Best accuracy

Servo Motor Control

Weighing Accurate

≥ 1000 + Pcs/h
Speed

Features:

- **Granular material:** design for rice, millet. beans and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Fast and accurate:** weighing range is 0.25-5kg.Speed can reach 1400 pcs/h whenthe fast algorithm is opened,and best accuracy ± 2g.

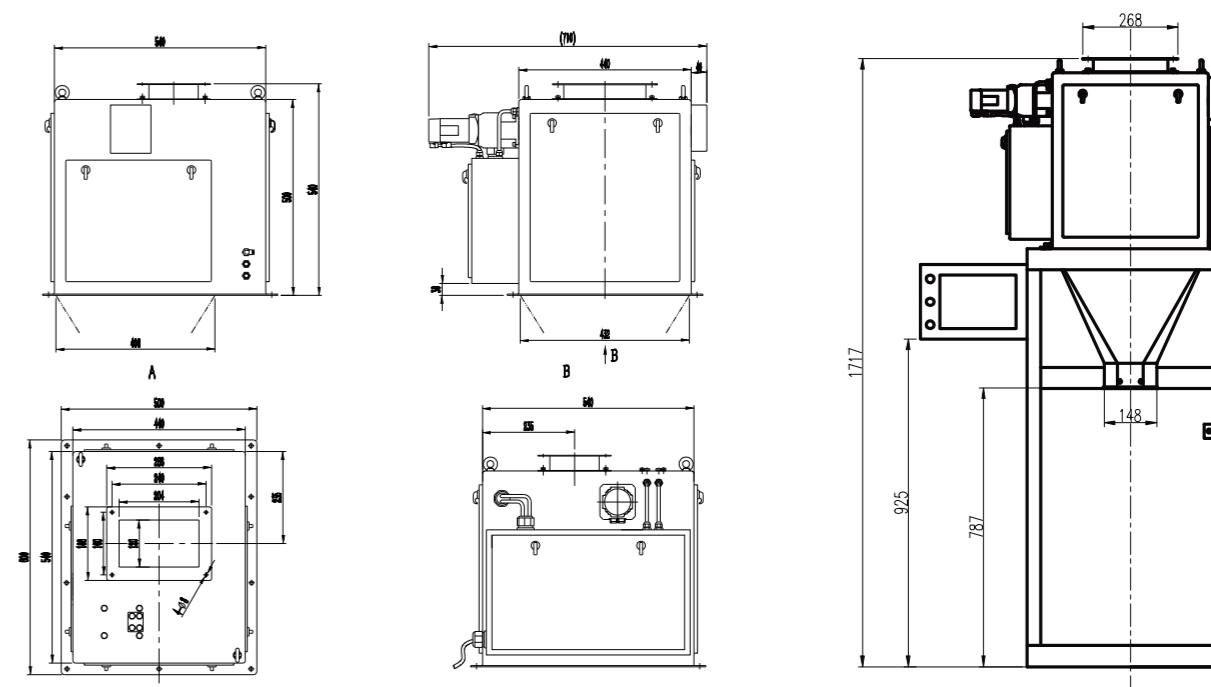• User-friendly interface design, vivid display, easy to operate.

Specification	
Model	PaxGO AF-5K
Weighing range	0.25~5Kg
Division	1g
Best Accuracy*	±2g
Speed*	≥1000 pcs/h(Enable fast algorithm:1400 pcs/h)
Volume	11L
Feeding method	Servo motor+feeding vibrator , pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,500KW
Working environment	0~40°C , 90%R.H condensation is not allowed

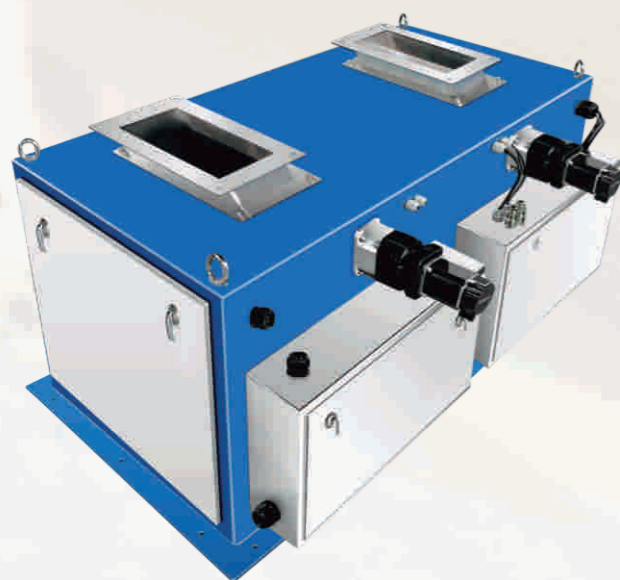*Testing material: rice,speed:1600pcs/h,accuracy: ±2 g
*Normally, the diameter of the testing material 1-5mm

Structure & Dimension   Unit: mm

DUPLEX PACKING FILLER
AF-5KⅡ

0.25-5kg
Weighing range

Stable Performance

Easy Installation

±2g
Best accuracy

Servo Motor Control

Weighing Accurate
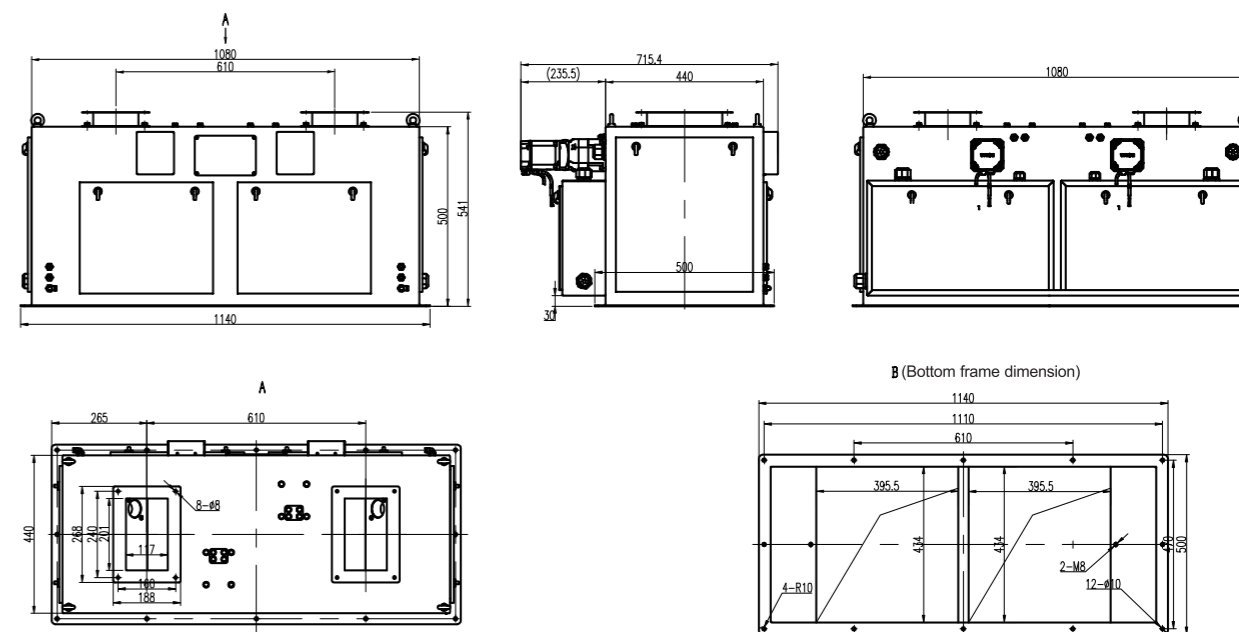
≥1600 +Pcs/h
Speed

Features:

- **Granular material:** design for rice, millet. beans and other granular material;
- **Easy dismounting:** module design of measuring hopper for easy cleaning;
- **Parameter setting:** self-adjust function with target value set only;
- **Stable performance:** servo motor controls feeding process;
- **Fast and accurate:** weighing range is 0.25-5kg.Speed can reach 2800 pcs/h when the fast algorithm is opened,and best accuracy ± 10g.

Specification

Specification	
Model	PaxGO AF-5KⅡ
Weighing range	0.25~5Kg
Division	1g
Best Accuracy*	±2g
Speed*	≥1600 pcs/h(Enable fast algorithm:2800 pcs/h)
Volume	11L x 2
Feeding method	Servo motor+feeding vibrator , pneumatic discharging
Material	SS304,carbon steel
I/O	8 output(5V),8 input(24V)
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa
Power	Single Phase AC-220V ±10%,50/60HZ,500KW
Working environment	0~40°C， 90%R.H condensation is not allowed

*Testing material: rice,speed:1600pcs/h,accuracy: ±2 g
*Normally, the diameter of the testing material 1-5mm

Structure & Dimension

Unit: mm

B (Bottom frame dimension)

GRANULE PACKING FILLER
AF-1K

50g -1kg
Weighing range

Stable Performance

Easy Installation

±2 g
Best accuracy

Pneumatic Cylinder Control

High Speed Weighing

1800 + Pcs/h
Highest speed

Specification

Model	PaxGO AF-1K
Weighing range	0.05~1Kg
Division	1g
Best Accuracy*	±2g
The highest speed*	1800 pcs/h
Volume	2.8L
Feeding method	Step motor + vibrator feeding-type, pneumatic discharging-type;
Material	Carbon steel/stainless steel optional
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa 2m³/h
Power	AC 220V ±10%,50/60HZ,200KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension   Unit: mm

Features:

● **High speed and accuracy:**
the highest speed can reach 1800pcs/h and the best accuracy is ±2g;

● **Granular materials:**
special designed for small weighing range packages, like rice, millet, beans and so on;

● **Stable performance:**
step motor + vibrator feeding-type, pneumatic discharging-type;

● **Parameter setting:**
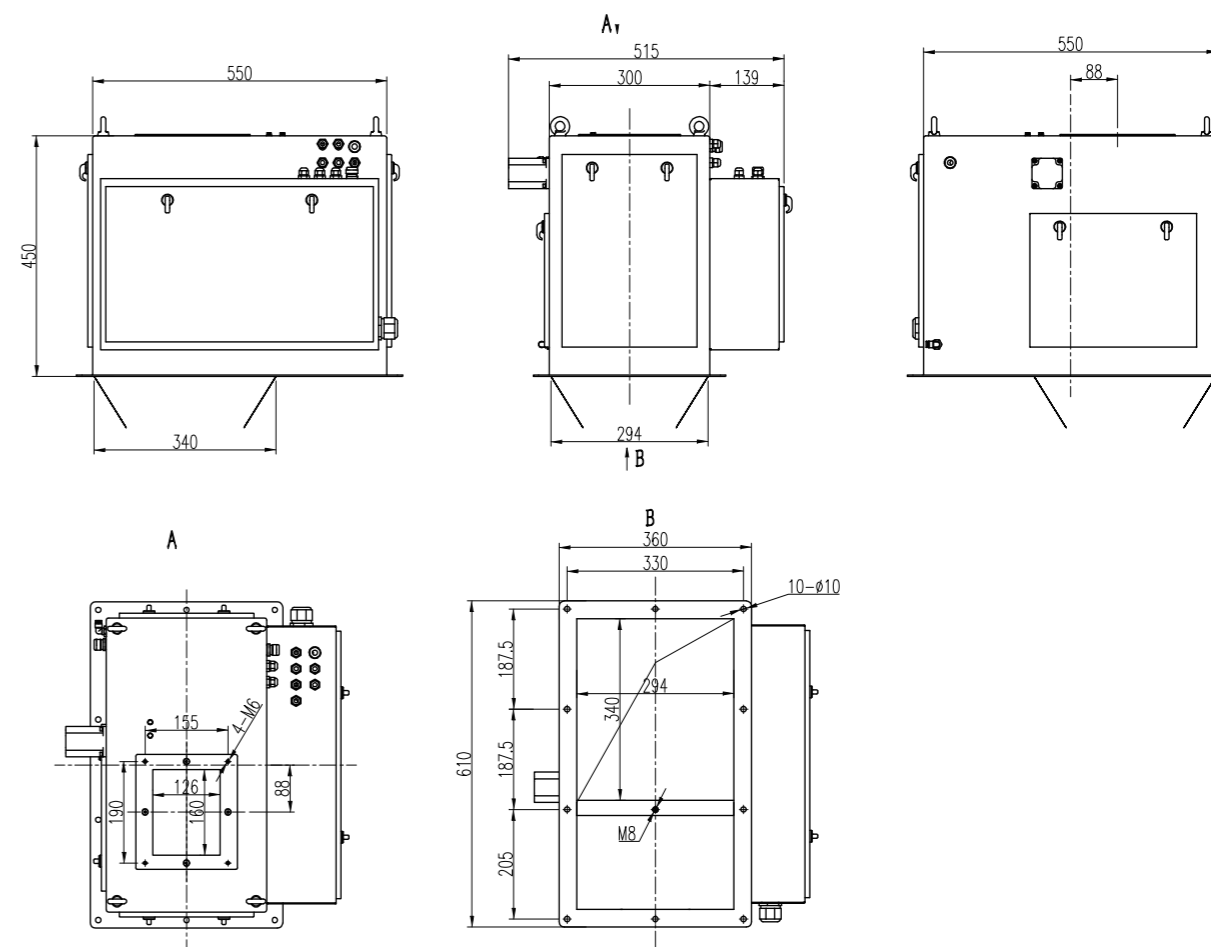self-adjust function with target value set only, easy operation.

DUPLEX PACKING FILLER
AF-1KⅡ

50₉ -1ₖ₉
Weighing range

Stable
Performance

Easy
Installation

±2 ₉
Best accuracy

Pneumatic
Cylinder Control

High Speed
Weighing

3600 ₊ Pcs/h
Highest speed

Features:

• High speed and accuracy:
the highest speed can reach 3600pcs/h and the best accuracy is ±2g;

• Granular materials:
special designed for small weighing range packages, like rice, millet, beans and so on;

• Stable performance:
step motor + vibrator feeding-type, pneumatic discharging-type,

• Parameter setting:
self-adjust function with target value set only, easy operation.

Specification

Model	PaxGO AF-1KⅡ
Weighing range	0.05~1Kg
Division	1g
Best Accuracy*	±2g
The highest speed*	3600 pcs/h
Volume	2.8L x 2
Feeding method	Step motor + vibrator feeding-type, pneumatic discharging-type;
Material	Carbon steel/stainless steel optional
Communication	RS485, Modbus TCP/IP
Pneumatic	0.4~0.6MPa 2m³/h
Power	AC 220V ±10%,50/60HZ,400KW
Working environment	0~40°C，90%R.H condensation is not allowed

*Normally, the diameter of the testing material1-5mm.

Structure & Dimension   Unit: mm
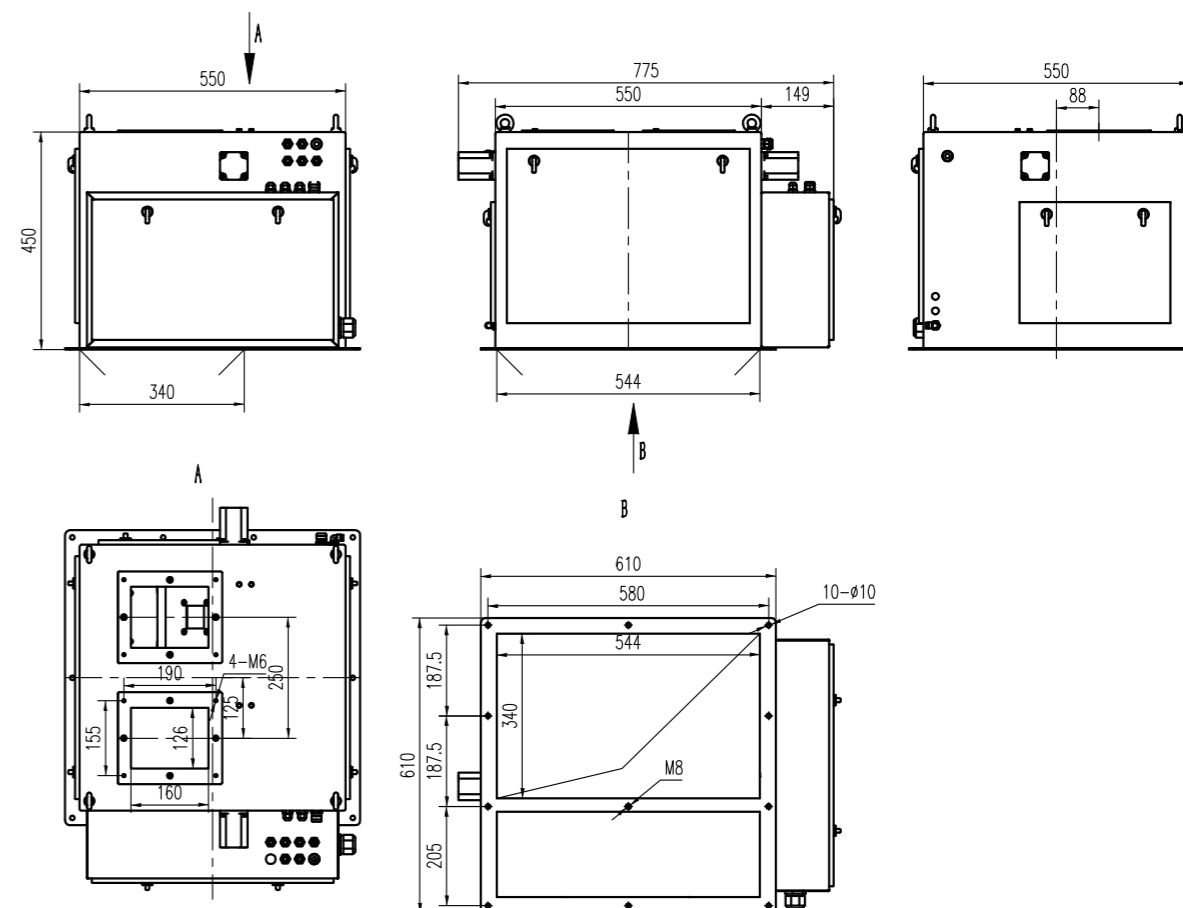
ENTERPRISE PROFILE

General Measure established in 1993, as one of China's earliest industrial weighing company who is also a national high-tech enterprise, has over 50 people in the R&D team. For decades, we have been committed to improving the automatic process of industrial weighing and the precision of weighing control.

In 2003, we began to open the overseas market. Since 2006, General Measure dominated the high-end market and occupying more than 25% of the market in China. To expand the global business scale, we have been focusing on overseas markets since 2012. It has been seen that the average sales growth is above 30% every year.

We will continue to provide reliable industrial weighing indicators and equipment with excellent performance and weighing solutions with innovative value to our partners. Listening, Innovating, and growing together is our value, which guides us to achieve win-win cooperation by helping clients achieve their goals.

30+ years
Industry Experience

50+
Country Sales

200+
R&D Patents

2000+
Applications

CUSTOMER CASE

Multi-applications

GM products are widely used in lithium battery, Chemical industry, building materials, foods, feed schemicals, pharmaceutical industries and etc.

Chemical industry

Grain industry

Feed industry

Building materials industry

Logistics industry

Fertilizer industry

Lithium battery industry

Chemical industry