How to choose the online weighing and rejecting method?

Detail Pengenalan :

1. Air-blowing type
2. Pull-down type
3. Push rod type
4. Lever type
5. Rising type

With the increasing development of production and technology, the manual sampling inspection me no longer meet the needs of the internal quality control of the enterprise. The automatic online chec gradually replaces the manual sampling inspection method, which can realise product inspection an significantly reduce the scrap rate. Reduce labour costs, reduce the intensity of manual work and th on production due to manual misoperation.

Automatic checkweighers have a wide range of applications, the products to be inspected of differe shapes, and the efficiency of the production line varies, so there is a particular emphasis on the sele the check weighing and rejecting mechanism.

The checkweigher and online weighing products our company produce are used in all walks of life. will explain the various elimination methods for your use. Currently, the main rejecting methods of th checkweigher are blowing type, double blowing type, pull-down type, push rod type, lever type, risin etc., and there are corresponding devices for each.

1. Air-blowing type

Applicable products: light packaging products with a weight less than or equal to 300g, small size a certain height.

The blowing and rejecting response time is fast, which can meet the processing and rejecting speed than 400 pieces/min.

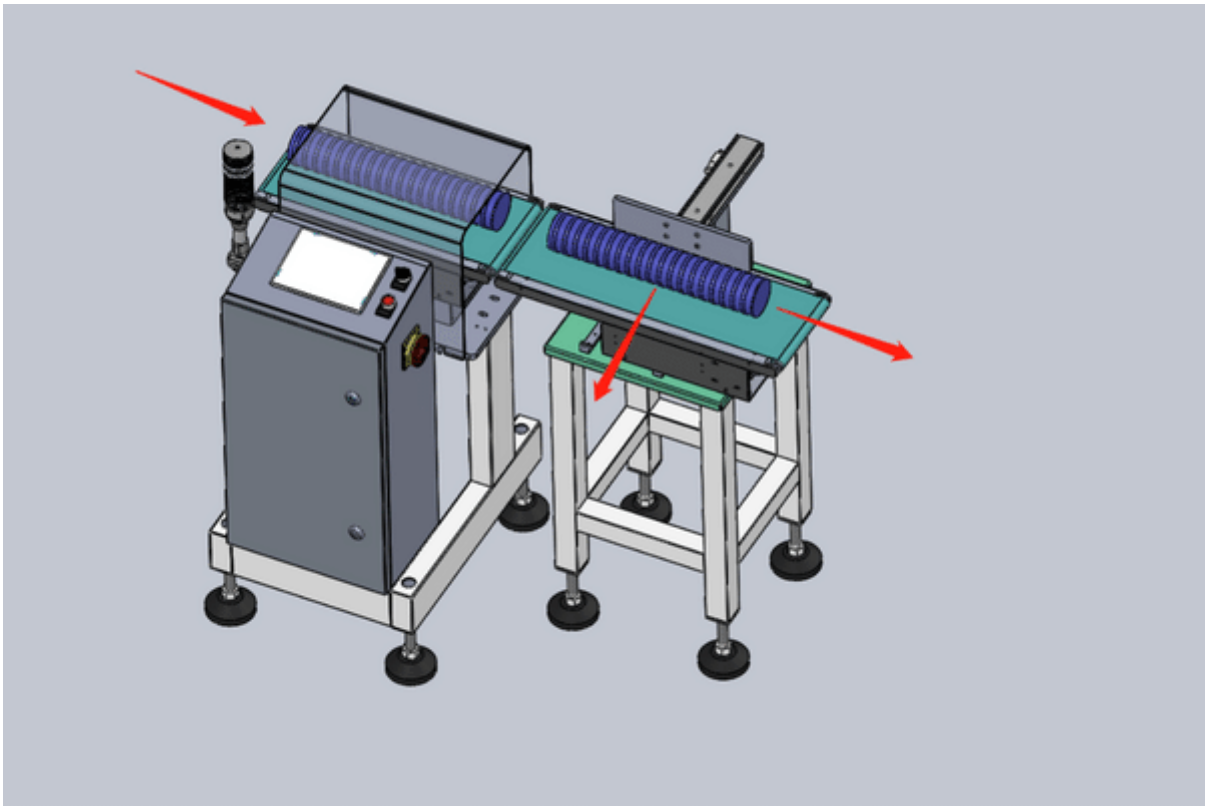
1. Air-blowing type

2. Pull-down type

Applicable products: lighter and thinner products.
The pull-down reject adopts the cylinder as the actuator, which can realize the up and down movem within a specific stroke range. For the characteristics that thin products are easy to get stuck, the pu reject can solve the above shortcomings. Moreover, the pull-down belt can be connected to the unq product collection device, which can transition smoothly and have no essential damage to the reject products. However, since the actuator is operated by a cylinder, it takes time to eliminate the round is unsuitable for high efficiency production lines.

3. Push rod type

Applicable products: boxed, cartoned, or thickly packaged products, products with low production lir efficiency.
When the push rod type rejects in regular operation, the push rod is stretched outwards. Once unqu products appear, the push rod immediately pushes the unqualified products into the recovery device outside to the inside. The push rod type rejection method is generally suitable for boxed and boxed and products with a certain height. The push rod type rejects the unqualified products from the outs inside with a push rod, the unqualified products fall into the recycling device, and the qualified produ normally enter the next production stage. It is to let the products to be rejected slide down to the gro storage device or another production line through a panel with a particular slope. Because the slide generate a specific power, and there will be a more incredible momentum when it falls into the devic production line, the products rejected by the slide are generally lighter and thinner.



3. Push rod type

4. Lever type

Applicable products: barrel-shaped, boxed or thicker products.
The lever-type rejecting device has two levers, left and right, and generally, the two are in a parallel
When unqualified products enter the relevant position, the two levers intercept and reject them from
outside. The lever-type rejection method is generally suitable for products in boxes or thick package

5. Rising type

Applicable products: thinner products that are not afraid of damage.
The principle of ascending rejection is the same as that of pull-down rejection. The ascending reject
when the products are conveyed to the rejecting section to rise, and the rejected products fall freely
more suitable for thin parts and products not afraid of damage.
In addition to the above rejection methods, according to product characteristics and production line
requirements, there will be more non-standard rejection methods, such as swing tail type, guide typ
If you have doubts or are interested in learning about more check weighing equipment and rejection
methods, you are welcome to contact us at any time, we are your reliable partner!