Checkweigher Solution



Increase productivity

Improve product quality

Reduce manufacturing cost

Flexible customization

Dongguan Coso Electronic Tech Co., Ltd.

CW Series Checkweigher

Checkweigher is also called as dynamic checkweigher, weight testing machine,online weighing scale. It's automatic device used to check the products' weight in automatic production line, and it can check unqualified products in a continuous working process whose weight doesn't accord with the standard weight we set. Also, the checkweigher can automatically sort products.

Application

Checkweigher can be widely used in electronic hardware, pharmaceutical, food, chemical, beverage, health care products, printing, light industry, agricultural and sideline products, express logistics filed etc. It can check whether the products on line are overweight or underweight, and feedback information to canned or packaging equipment; at the same time, check weight machine can check products' quantities or attachment whose package is bag, box, can, bottle, carton etc to see whether products lack something or not. Using checkweigher can ensure products' net weight, quantities accord with standard and requirements, enhance products' quality and integrity, save costs and avoid customers' complaints.

Features

1.The machine can store a variety of parameters, convenient for the change of product to be checked.
2.The control panel adopts intelligent user-friendly design, easy to operate.
3. The conveyor belt is easy to install, disassemble, maintain and clean.
4.Machine adopts variable frequency control motor, speed can be adjusted according to needs.
5. High-precision digital sensors can meet customers' rquirements.
6. Can combine with metal detector, X-ray inspection system, code machine, automatic scanner, automatic sealing machine.
7.USB port and 485 port are equipped, 485 port can send weight data of single product automatically.

Specification

Model		CW-120	CW-150	CW-200	CW-300	CW-400	CW-500	CW-600
Weighing Scope		≤100g	≤200g	≤ 1000g	≤3000g	≤20kg	≤40kg	≤40kg
Accuracy		±0.2g~±0.5g	±0.2g~±0.5g	±0.3g~± 1g	±0.5g~±3g	± 1g~±5g	±5g~±20g	±5g~±20g
Minimum Scale		0. 1g	0. 1g	0. 1g	0. 1g	1g	1g	1g
Conveying Speed		10~60m/min	10~60m/min	10~60m/min	10~60m/min	10~60m/min	10~50m/min	10~50m/min
Max Speed		200 pcs/min	180 pcs/min	160 pcs/min	80 pcs/min	60 pcs/min	40 pcs/min	35 pcs/min
Product	Length	≤ 100mm	≤ 150mm	≤300mm	≤350mm	≤500mm	≤650mm	≤650mm
	Width	≤ 90mm	≤ 120mm	≤ 180mm	≤270mm	≤350mm	≤440mm	≤530mm
Belt	Length	250mm	300mm	400mm	450mm	620mm	1000mm	1200mm
	Width	120mm	150mm	210mm	300mm	400mm	500mm	600mm
Rejection		Air Blow/ Push Lever/ Pusher /Belt Sinking (customized based on product feature)						
Controlling System		High Speed A/D Sample Controller						
Operating Panel		Touch Screen						
Preset Products' Number		99						
Operating Direction		Facing Machine, from Left to Right or from Right to Left						
External Gas Source		0.6- 1Mpa						
Interface of Air Pressure		Φ8mm						
Working environment		Temperature 0℃ ~40℃ , humidity 30%~ 90%						
Frame Material		SUS304						

1.CW120 Automatic Check Weight Machine



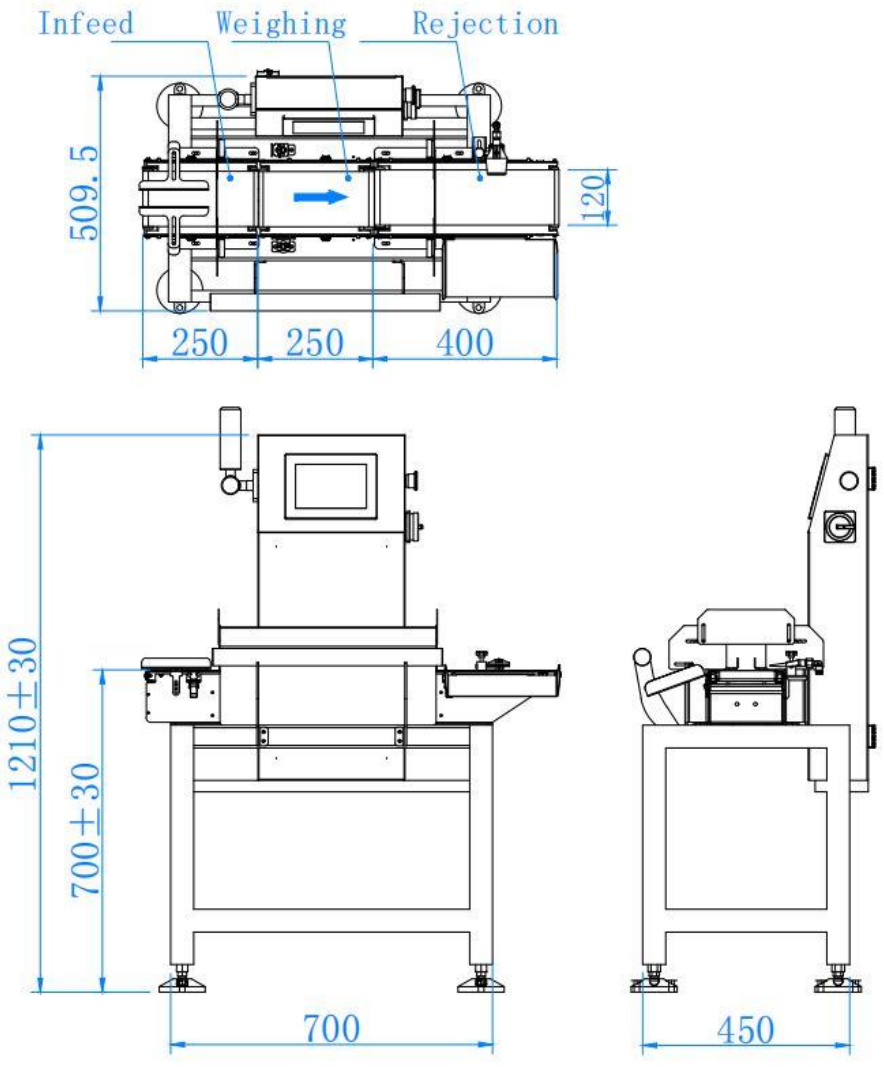
Application

Suitable for lightweight product

- Whether the tablet quantities is standard inside a sachet
- The omission of drug instructions, desiccant
- Small food bites, little bottle

Etc.

Dimension



2.CW150 Automatic Check Weight Machine



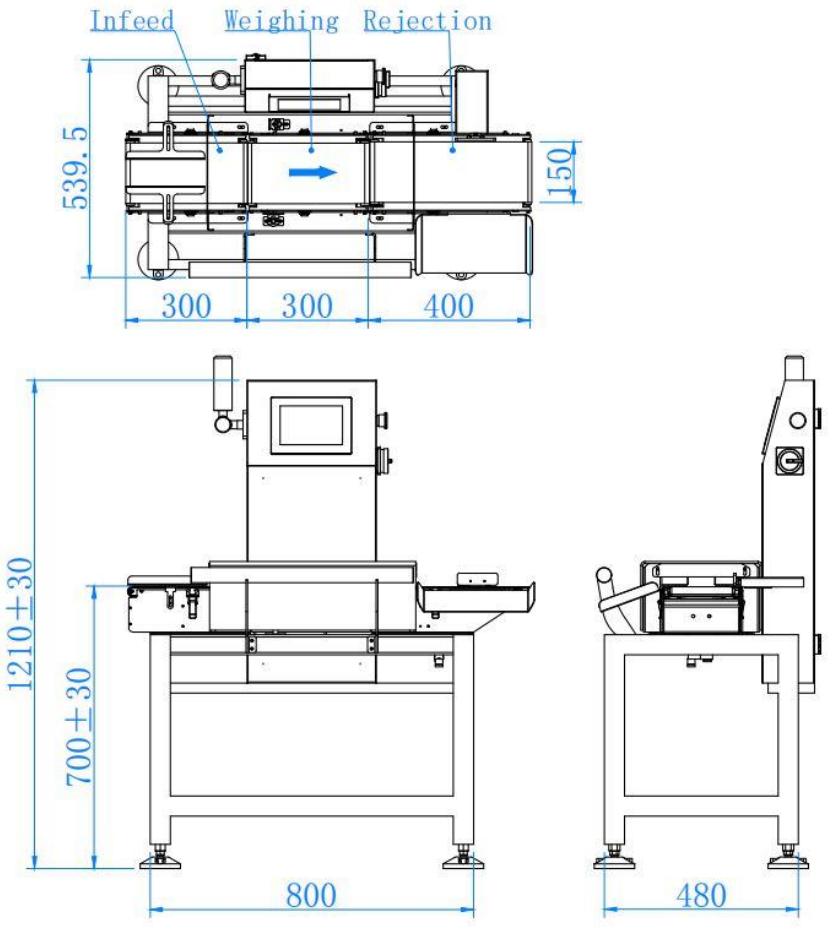
Application

Suitable for lightweight product

- Whether the tablet quantities is standard inside a sachet
- The omission of drug instructions, desiccant
- Small food bites, little bottle

Etc.

Dimension



3.CW200 Automatic Check Weight Machine

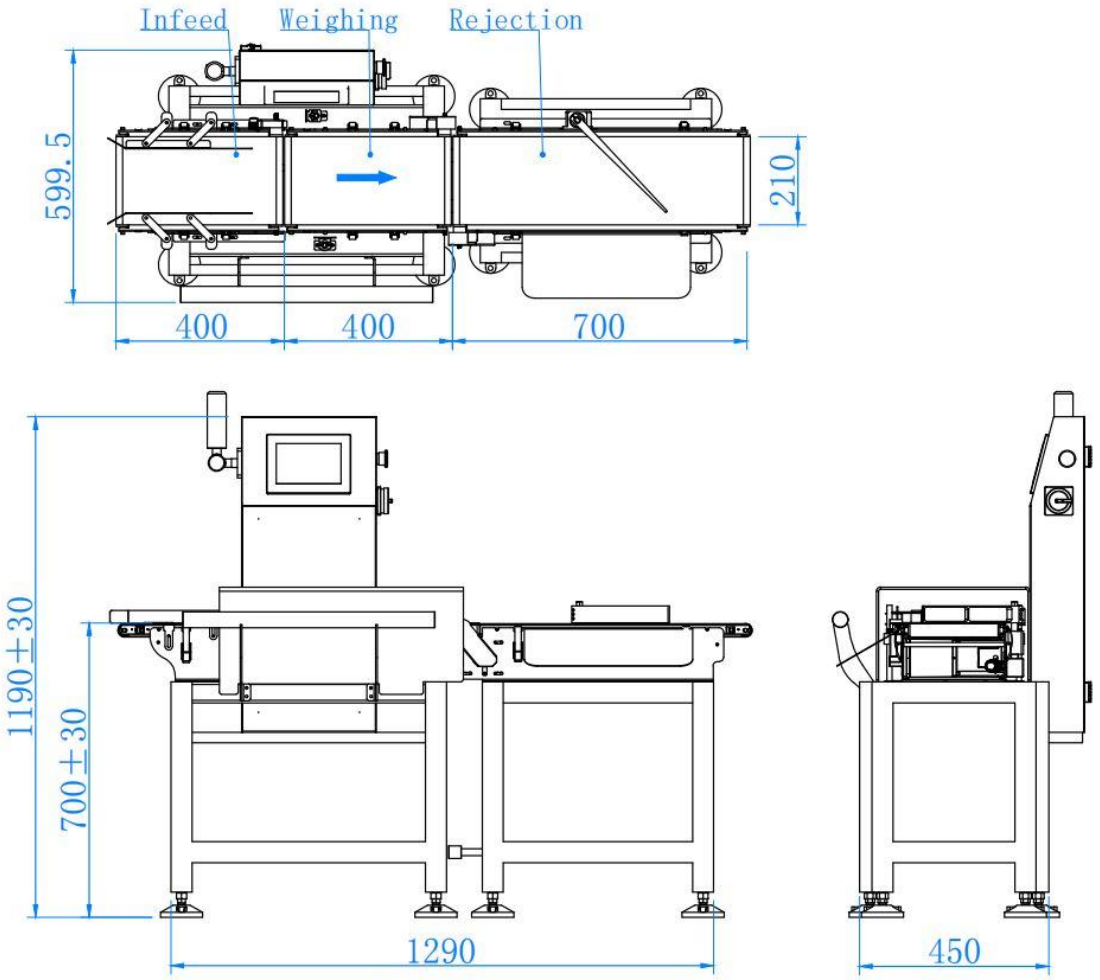


Application

Suitable for lightweight product

- Whether product accessories box lacks anything
- Pastry, instant noodle, nut, puffed food Etc.

Dimension



4.CW300 Automatic Check Weight Machine



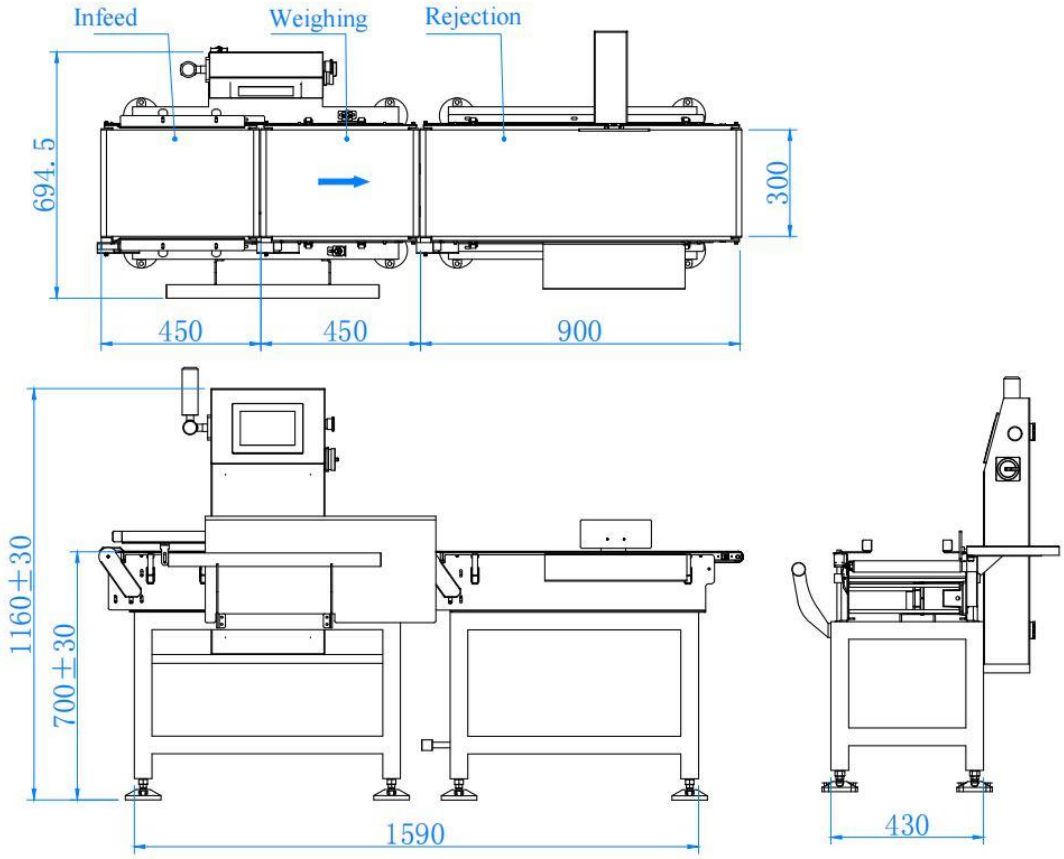
Application

Suitable for medium-weight product

- Cosmetics, skin care, shampoo, toothpaste
- Soap, detergent, shoe polish, floor wax

Etc.

Dimension



5.CW400 Automatic Check Weight Machine



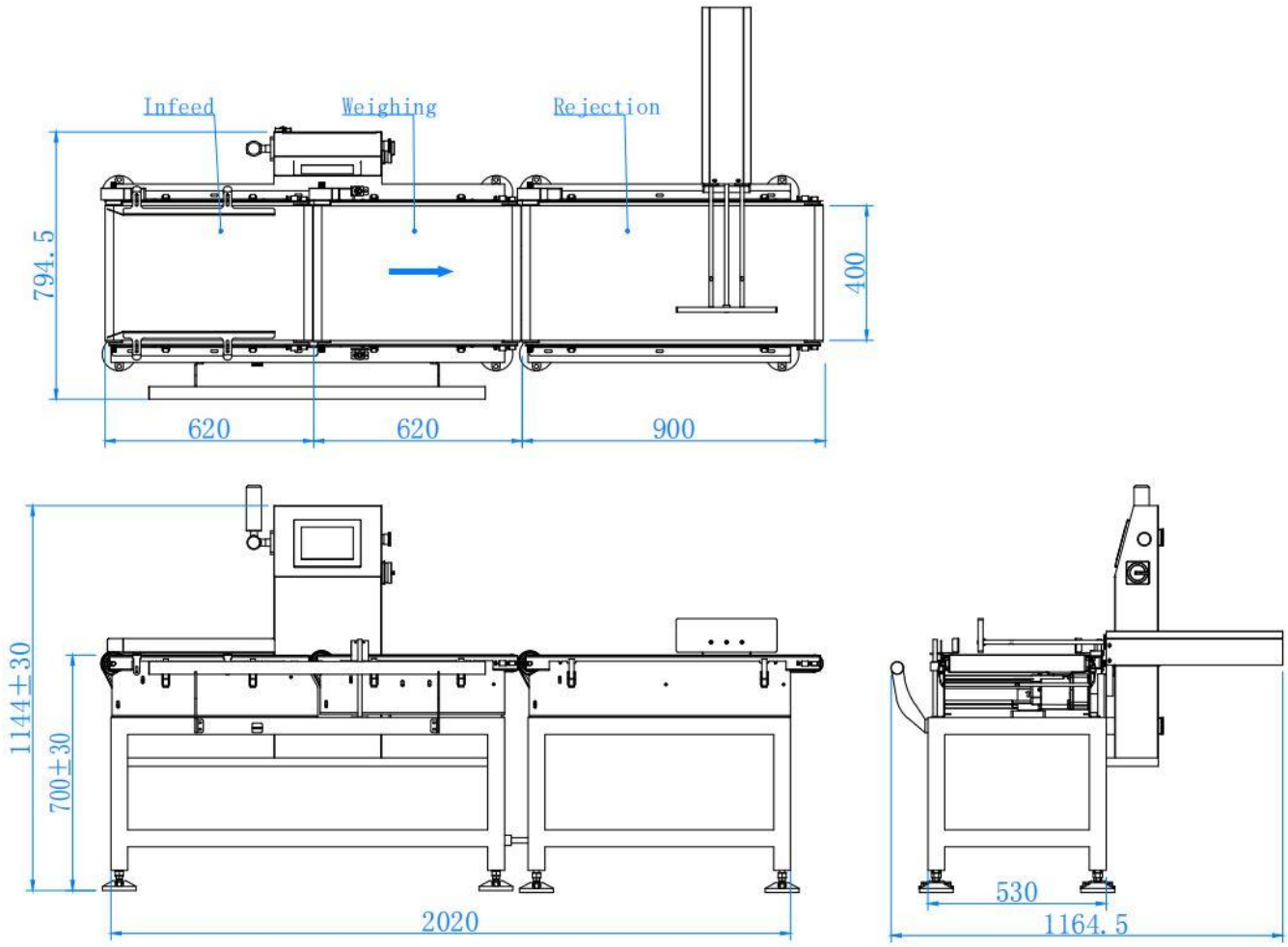
Application

Suitable for medium-weight product

- Jelly, bread, boxed fruit, meat, dairy, coffee
- Toy, towel, roll paper

Etc.

Dimension



6.CW500 Automatic Check Weight Machine



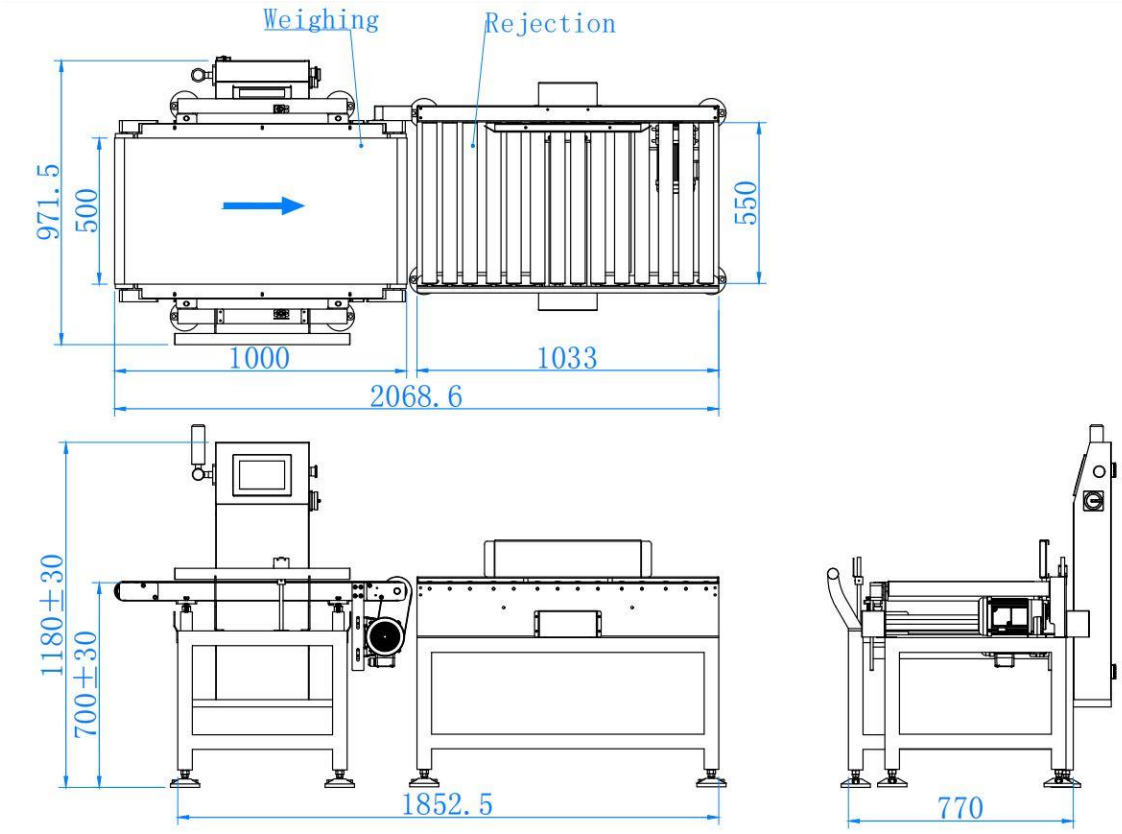
Application

Suitable for large weight or volume product

- Whole cartons, packaged items
- Puzzles, mineral water, rice

Etc.

Dimension



7.CW600 Automatic Check Weight Machine



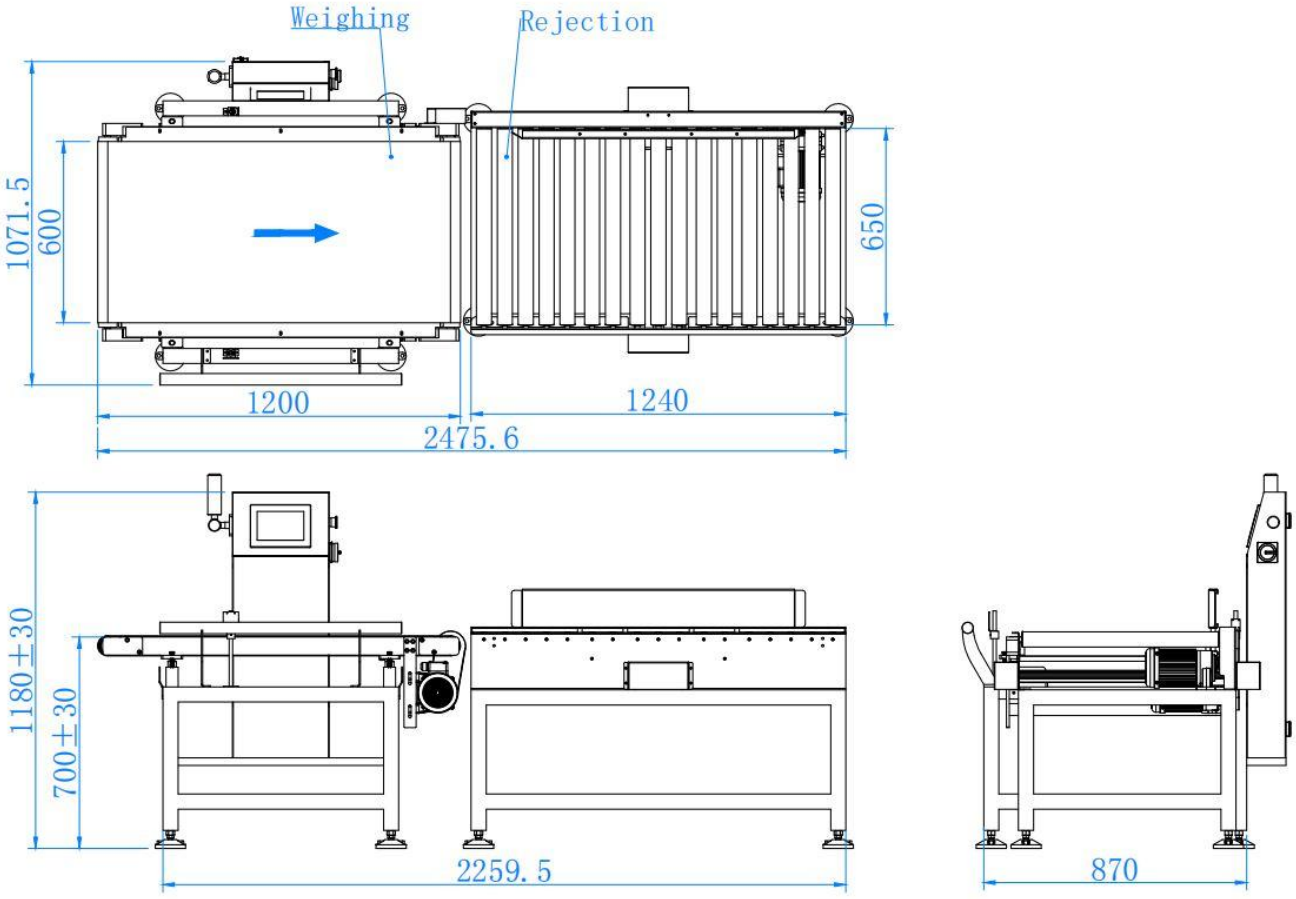
Application

Suitable for large weight or volume product

- Whole cartons, packaged items
- Puzzles, mineral water, rice

Etc.

Dimension



Company Profile

Dongguan Coso Electronic Technology Co.,Ltd, established in 2005, is located in Dongguan city, Guangdong province where manufacturing industry is developed fast and the transportation is very convenient. We specialize in manufacturing professional detection equipment which includes industrial metal detector, metal separator, dynamic checkweigher and X-ray inspection system.
We have a lot of experience in international trade and our products have been exported to over 80 countries around the world.
All of our products can be customized and we always hope to achieve a win-win situation with our clients.



Metal detector



Metal separator



Checkweigher



X-ray inspection system

Dongguan Coso Electronic Tech Co., Ltd
Address: No. 9, Yinkai West Road, Dongcheng District, Dongguan, Guangdong , China
Post code: 523500
Contact: Mia Luo
Mobile/WeChat: +86 15549437914
WhatsApp: +852 53152156
Email: mia@cosoar.com