Checkweigher and weight sorting machines are widely used in pharmaceutical, food, chemical, plastic, cosmetics, beverage, health care products, electronic hardware and other industries. Checkweigher machines can check packing products' weight online whether their weights are overweight or less-weight to ensure the weight of products to meet standards. Weight sorting machine applies to food industry like seafood, aquatic product, fruit and vegetable, meat and poultry etc. It can weight and sort single product to specific classification or weight grade.

Weigh sorting machine is also called as dynamic checkweigher, weight sorter, online weighing scale. Checkweigher is automatic device that used to check the products' weight in automatic packing 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 and reject unqualified 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 packing products' weight online whether their weights are overweight or less-weight, 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.

Main Functions:
1. Report function: built-in report statistics; the report can generate EXCEL format, can automatically generate a variety of real-time data reports, U disk can store more than 1 year statistical data (need to be equipped), at any time hold grip production status;
2. Interface: reserved standard interface, convenient for data management, can connect communication network with PC and other intelligent devices;
3. Achieve centralized control: can achieve centralized control of a computer / man-machine interface operates many check weighers;
4. Parameter recovery function: possessing the factory parameter setting recovery function.

Features:
1.Versatility: Standardized machine structure and standardized man-machine interface can complete the weighing of various materials;
2.Easy to replace: can store a variety of formulations, convenient for the replacement of product specifications;
3.Simple operation: the use of Weilen color man-machine interface, the whole intelligent, user-friendly design;
4. Easy to maintain: The conveyor belt is easy to disassemble, easy to install,   maintain and clean;
5. Adjustable speed: adopt variable frequency control motor, speed can be adjusted according to needs;
6. High-speed, high-precision: adopt the high-precision digital sensors;
7. Zero tracking: can be manually or automatically cleared, and dynamic zero tracking.

8. Can combine with metal detector, x ray machine, code machine, automatic scanner, automatic sealing machine.
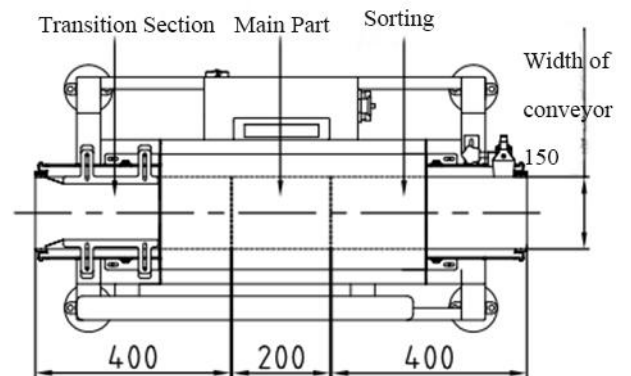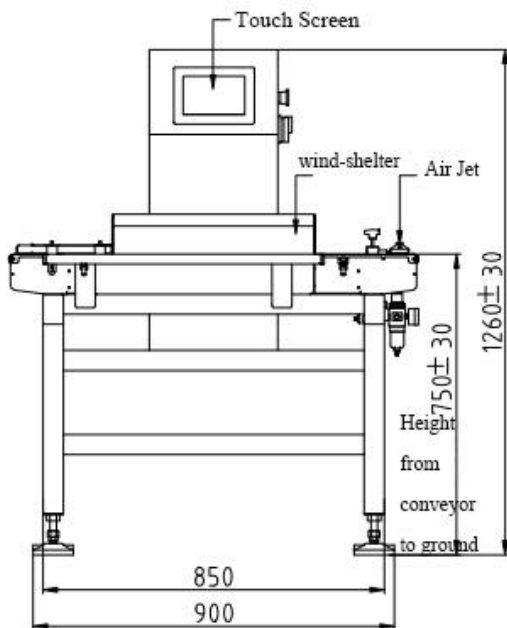
Specification

Basic Parameters of Check Weight Machine

Model		CW-120	CW-150	CW-200	CW-300	CW-400	CW-500	CW-600
Single Weighing Scope		≤20g	≤200g	≤1000g	≤3000g	≤20kg	≤40kg	≤40kg
Accuracy		±0.2g	±0.2g~±0.5g	±0.3g~±1g	±0.5g~±3g	±1g~±5g	±5g~±20g	±5g~±20g
Minimum scale		0.01g	0.1g	0.1g	0.1g	1g	1g	1g
Conveying Speed		≤30m/min	40～70m/min	60～90m/min	60～90m/min	30～60m/min	25~50m/min	25~50m/min
Max Speed		100 pcs/min	200 pcs/min	160 pcs/min	80 pcs/min	60 pcs/min	40 pcs/min	35 pcs/min
Products to be weighed	**Length**	≤50mm	≤150mm	≤300mm	≤300mm	≤500mm	≤650mm	≤650mm
	Width	≤50mm	≤120mm	≤180mm	≤270mm	≤350mm	≤440mm	≤530mm
Conveyor Belt's size of Checkweigher	**Length**	250mm	200mm/300mm	400mm	450mm	620mm	1075mm	1200mm
	Width	120mm	150mm	210mm	300mm	400mm	490mm	600mm
Rated Power		0.1KW	0.1KW	0.15KW	0.4KW	0.4KW	0.4KW	0.4KW
Power Supply		AC220V±10% 50HZ（60HZ）						
Rejection		Air Blowing/Push Lever/Swing Arm						
Controlling System		High Speed A/D Sample Controller						
Operating Panel		Touch Screen						
Preset Products' name		99						
Operating Direction		Facing Machine, from Left to Right						
External Gas Source		0.6-1Mpa						
Interface of Air Pressure		Φ8mm						
Working Environment		Temperature：0℃～40℃，Humidity: 30%～95%						
Material of Machine		SUS304						

![COSO logo]

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Address: BUILDING 3, NO. 9, YINKAI WEST ROAD, DONGCHENG DISTRICT, DONGGUAN, GUANGDONG, CHINA
Email: coso06@cosoar.com   Phone: +8613622681426   Metal Detector, Metal Separator, Check Weigher, X Ray Inspection System

CW150 Automatic Check Weight Machine

Application: The machine is suitable for checking lightweight products whose single weight accords with standard, specially suitable for electronic, pharmaceutical, food, beverage, health care products, daily chemical, light industry, agricultural and sideline products industry etc. Also it can apply to pharmaceutical and health care products industry uses the checkweigher to test whether the tablets is more or less than the specified quantities, whether the powder packaged drug is more or less than the standard bags, whether the weight of liquid products meets the standard requirements; or the omission of drug attachments (such as instructions, desiccant, etc.).
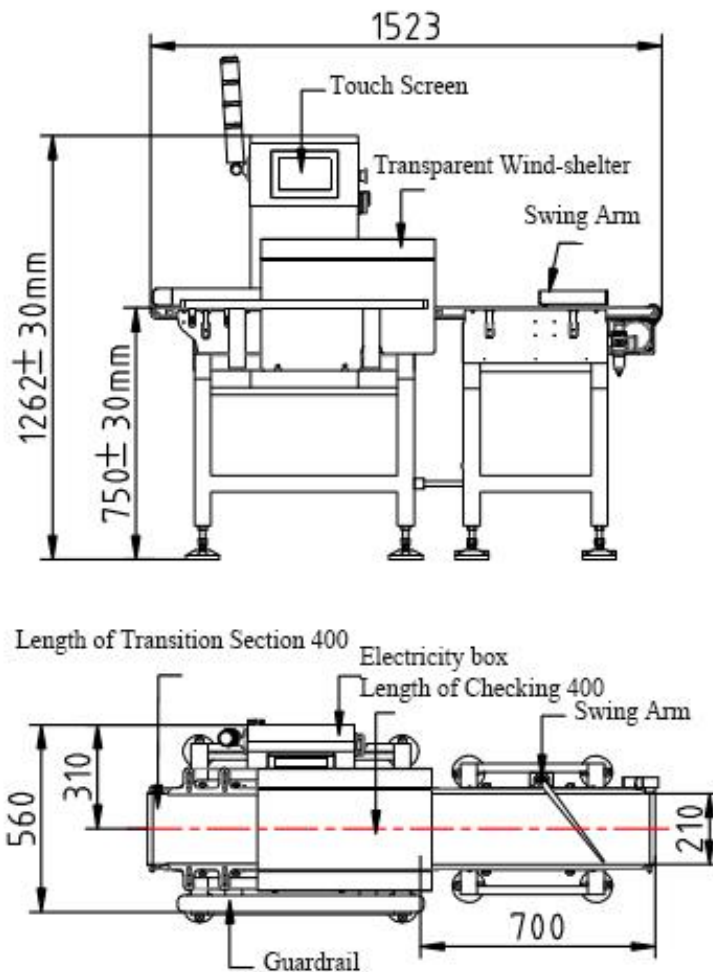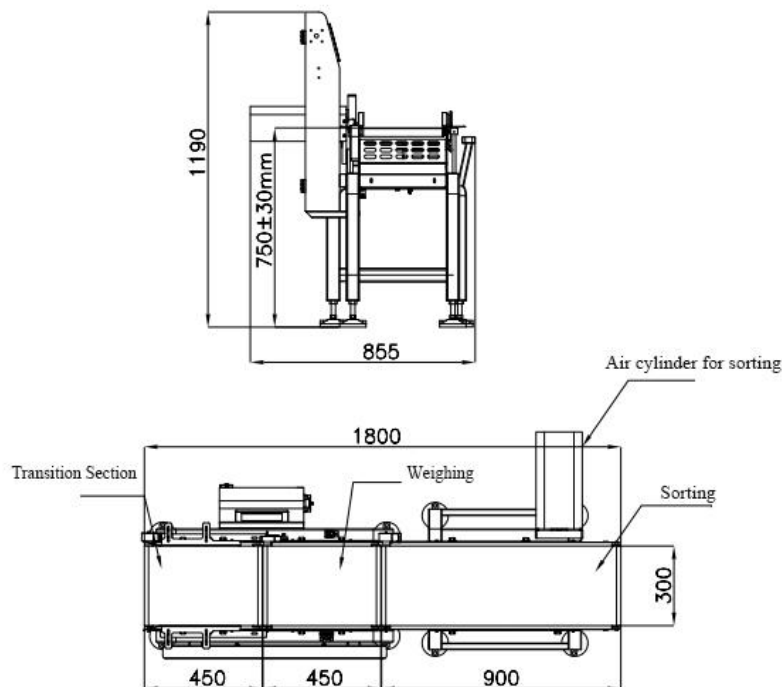
structure

CW-200 Automatic Check Weight Machine

Application: The machine is suitable for checking lightweight products whose single weight accords with standard, specially suitable for electronic, pharmaceutical, food, beverage, health care products, daily chemical, light industry, agricultural and sideline products industry etc. For example, in food industry,   checkweigher can be used in conditioning products, pastries, sausages, instant noodles, frozen food, food additives, pigments, modification agent, preservatives etc.

structure

CW-300 Automatic Check Weight Machine

Application: The machine is suitable for checking lightweight products whose single weight accords with standard, specially suitable for electronic, pharmaceutical, food, beverage, health care products, daily chemical, light industry, agricultural and sideline products industry etc. For example, in daily chemical industry, checkweigher can be used in cosmetics (including beauty cosmetics, cleaning, cosmetics, skin care products, hair cosmetics, etc.); cleaning products (soap, washing powder, detergent, etc.); dental products (including toothpaste, mouthwash, etc.); and other chemical products (including shoe polish, floor wax, deodorant, insect repellent, etc.).
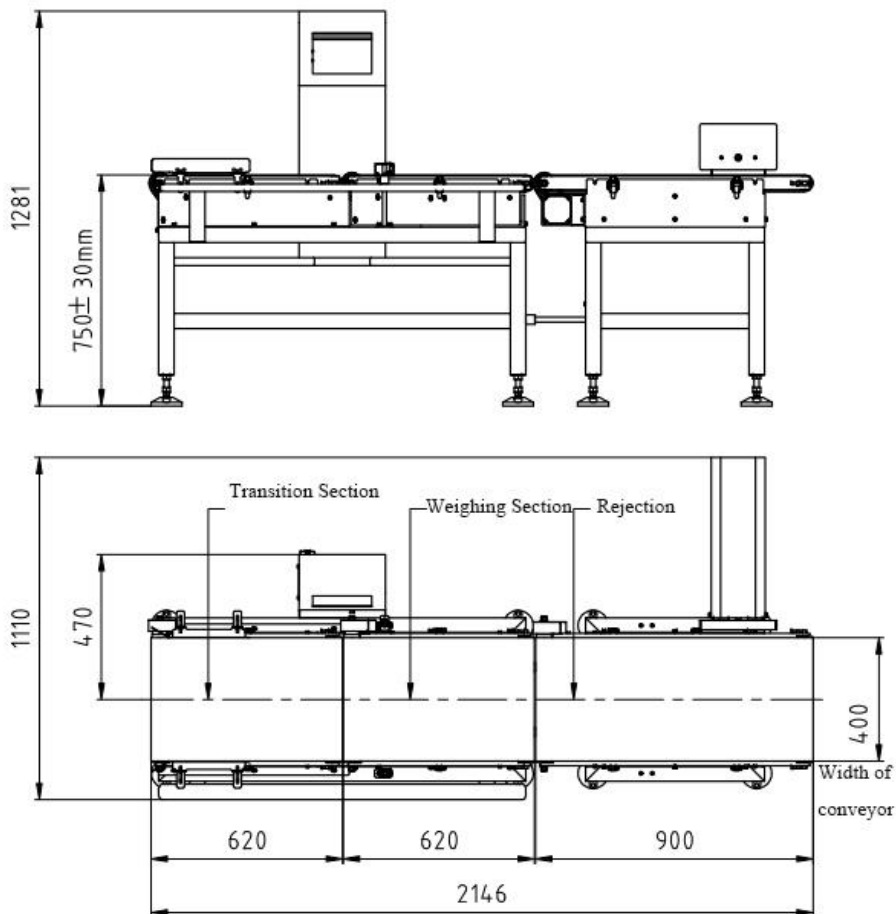
structure

CW-400 Automatic Check Weight Machine

Application: The machine is mainly suitable for detection of large weight or volume products, especially suitable for testing the whole cartons whether they lack some products or not, such as: lack of bottle, box, lack of single item,, lack of bags, cans etc.
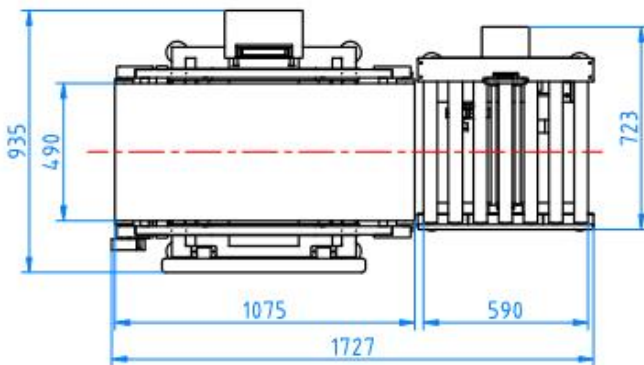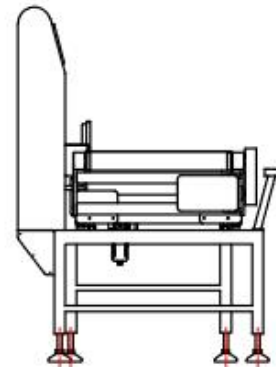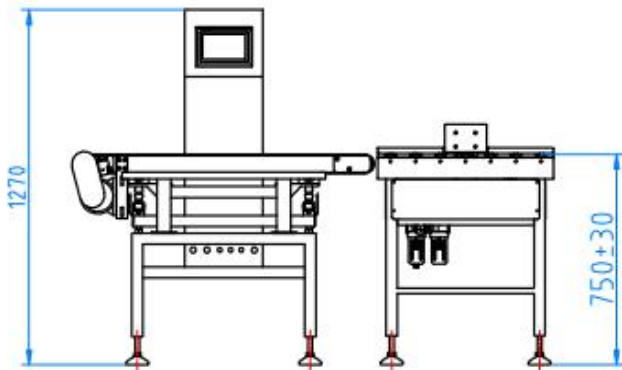
structure

CW-500 Automatic Check Weight Machine for Heavy-weight Products

Application: The machine is mainly suitable for detection of large weight or volume products, especially suitable for testing the whole cartons whether they lack some products or not, such as: lack of bottle, box, lack of single item,, lack of bags, cans etc.
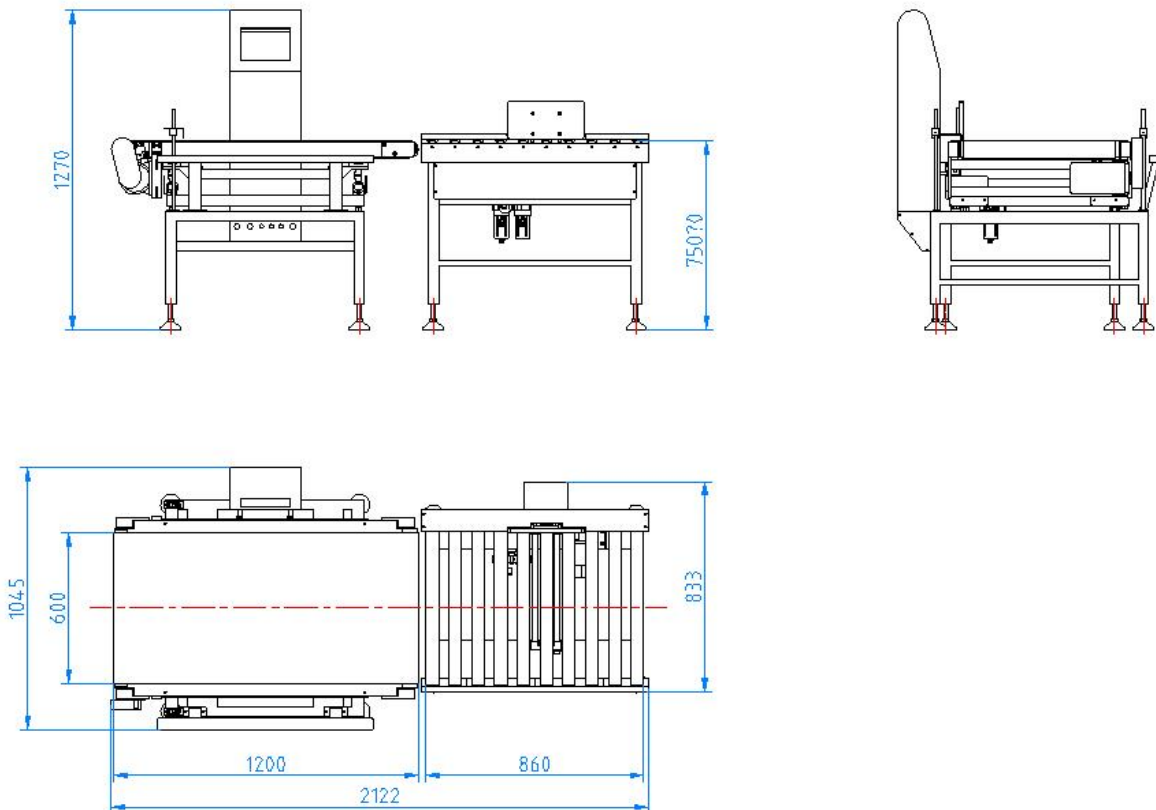
Structure

CW-600 Automatic Check Weight Machine for Heavy-weight Products

Application: The machine is mainly suitable for detection of large weight or volume products, especially suitable for testing the whole cartons whether they lack some products or not, such as: lack of bottle, box, lack of single item,, lack of bags, cans etc.

Structure

Customer Case

Provide Customization Service

Suitable for packaging products in bags, sachets, boxes, bottles, jars, cans, cartons, etc.

MaxLab
— ACCESS TO GLOBAL MARKET —

Verification of Compliance

Verification No.:	MK22120070-P01S01
Name and address of Applicant:	Dongguan Coso Electronic Tech Co., Ltd Building 3, No. 9, Yinkai West Road, Dongcheng District, Dongguan, Guangdong, China
Name and address of Manufacturer:	Dongguan Coso Electronic Tech Co., Ltd Building 3, No. 9, Yinkai West Road, Dongcheng District, Dongguan, Guangdong, China
Product name:	**Check Weigher**
Rated:	100-240V~, 50/60Hz, 120W
Product model(s):	CW200, CW100, CW120, CW150, CW300, CW400, CW500, CW600, CW700, CW800, CW900, CW1000+
Product trademark:	N/A

This verification confirms that the product meets the requirements of the following standard.
The conformity was demonstrated based on following standard(s) listed by European Commission as harmonized with MACHINE DIRECTIVE 2006/42/EC.

EN 60204-1:2018

The verification has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report(s) No.:	MK22120070-P01S01
Test conducted by:	TMC Testing Service Limited
Verification issue date:	December 27, 2022

Notes:
This verification refers to the above mentioned product and its conformity in regards of above mentioned standard(s) was proven on test sample.
This verification does not imply meeting all essential requirements, assessment of the series-production or any other restricted Notified Bodies conformity assessment procedure appropriate for the product.
This verification holder shall use this verification in connection to Verification of Compliance and technical data relevant for the product the verification was issued.

TMC Testing Service Limited
Unit 8B, 4 / F, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong

邁科測試服務(香港)有限公司

Lab Director
Admire Xu

CE

ISO 9001 Certificate

Quality Management System Certificate

Certificate No. : 04924Q02053R0S

We hereby certify that

Dongguan Coso Electronic Tech Co., Ltd

Unified Social Credit Code: 9144190078296863XL

Address: Room 101, Building 3, No.9, Yinkai West Road, Dongcheng District, Dongguan, Guangdong, China

by reason of its Quality Management System
has been awarded this certificate for compliance with the standard
GB/T 19001-2016 / ISO 9001:2015
Applies in the following area:

Production and sales of metal detector, metal separator, check weigher, weight sorting machine; Sales of X-ray foreign object detection machine

Initial date: 2024-12-31
Term of validity of this certificate: 2024-12-31 to 2027-12-30

The scope of this certificate only includes the premises listed in the certificate. If it involves administrative licensing pre-approval or mandatory certification, the scope of this certificate only covers products and services within the scope of the licensing qualification and the mandatory certification. During the validity period of the certificate, the certified organization must be subjected to regular supervision and review, and only if the review is positive can this certificate be validated. The related information of this certificate can be searched on the portal of Guangdong Quality Testing CTC Certification Co., Ltd. (https://www.qtctc.org) and the CNCA (http://cs.cnca.cn), or by scanning the QR code below for inquiries.

WeChat Official Account   Certificate Query

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C049-M   Chairman

Guangdong Quality Testing CTC Certification Co., Ltd.

No. 10 Science Avenue, Huangpu District, Guangzhou, Guangdong, P. R. China

Tel: 020-89232333   https://www.qtctc.org