Weight Sorting Equipment

Checkweigher and weight sorting machines are widely used in lectronic hardware, pharmaceutical, food, chemical, beverage, health care products,and many 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 applied 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.

CW Checkweigher

Weigh sorting machine is also called as dynamic checkweigher, weight testing machine, 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 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 CW Check Weight Machine

Model		**CW-150**	**CW-200**	**CW-300**	**CW-400**	**CW-500**	**CW-600**
Single Weighing Scope		≤200g	≤1000g	≤3000g	≤20kg	≤40kg	≤40kg
Accuracy		±0.2g~±0.5g	±0.3g~±1g	±0.5g~±3g	±1g~±5g	±5g~±20g	±5g~±20g
Minimum scale		0.1g	0.1g	0.1g	1g	1g	1g
Conveying Speed		40～70m/min	60～90m/min	60～90m/min	30～60m/min	25~50m/min	25~50m/min
Max Speed		200 pcs/min	160 pcs/min	80 pcs/min	60 pcs/min	40 pcs/min	35 pcs/min
Products to be weighed	**Length**	≤150mm	≤300mm	≤300mm	≤500mm	≤650mm	≤650mm
	Width	≤120mm	≤180mm	≤270mm	≤350mm	≤440mm	≤530mm
Conveyor Belt's size of Checkweigher	**Length**	200mm/300mm	400mm	450mm	620mm	1000mm	1200mm
	Width	150mm	210mm	300mm	400mm	490mm	600mm
Rated Power		0.1KW	0.15KW	0.4KW	0.4KW	0.4KW	0.4KW

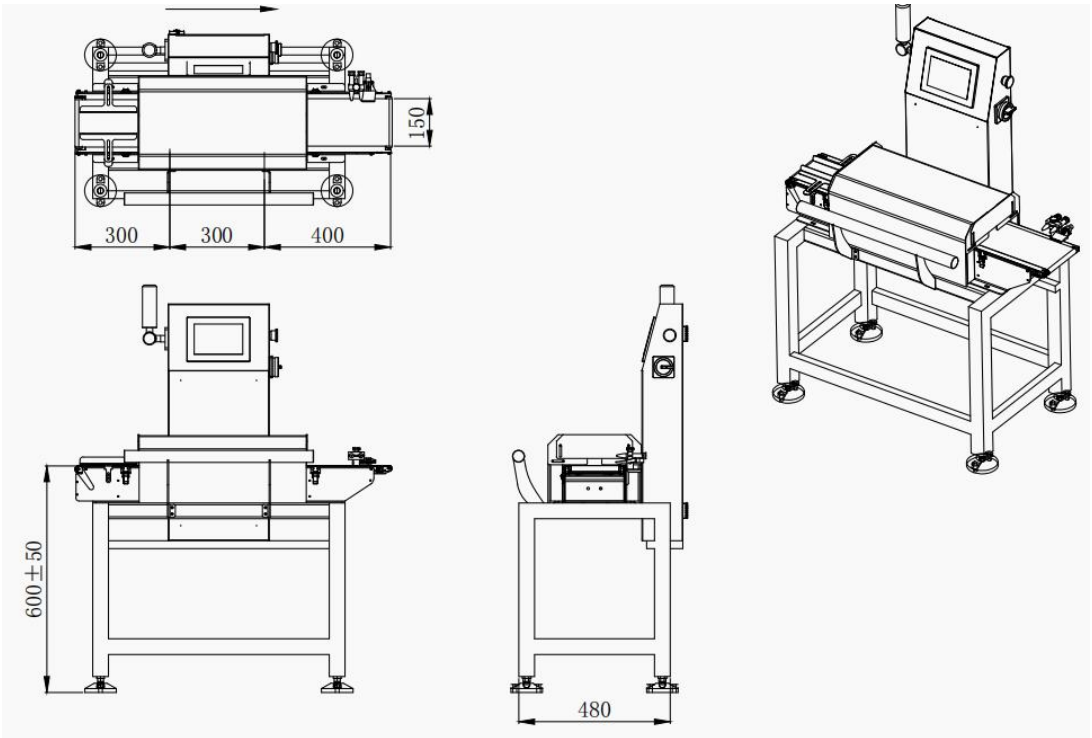
Power Supply	AC220V±10% 50HZ（60HZ）
Rejection	Air Blowing/Push Lever/Swing Arm
Controlling System	High Speed A/D Sample Controller
Operating Panel	Touch Screen
Preset Products' name	99
Operating Direction	Facing Machine, from Left to Right
External Gas Source	0.6-1Mpa
Interface of Air Pressure	Φ8mm
Working Environment	Temperature： 0℃～40℃，Humidity: 30%～95%
Material of Machine	SUS304

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

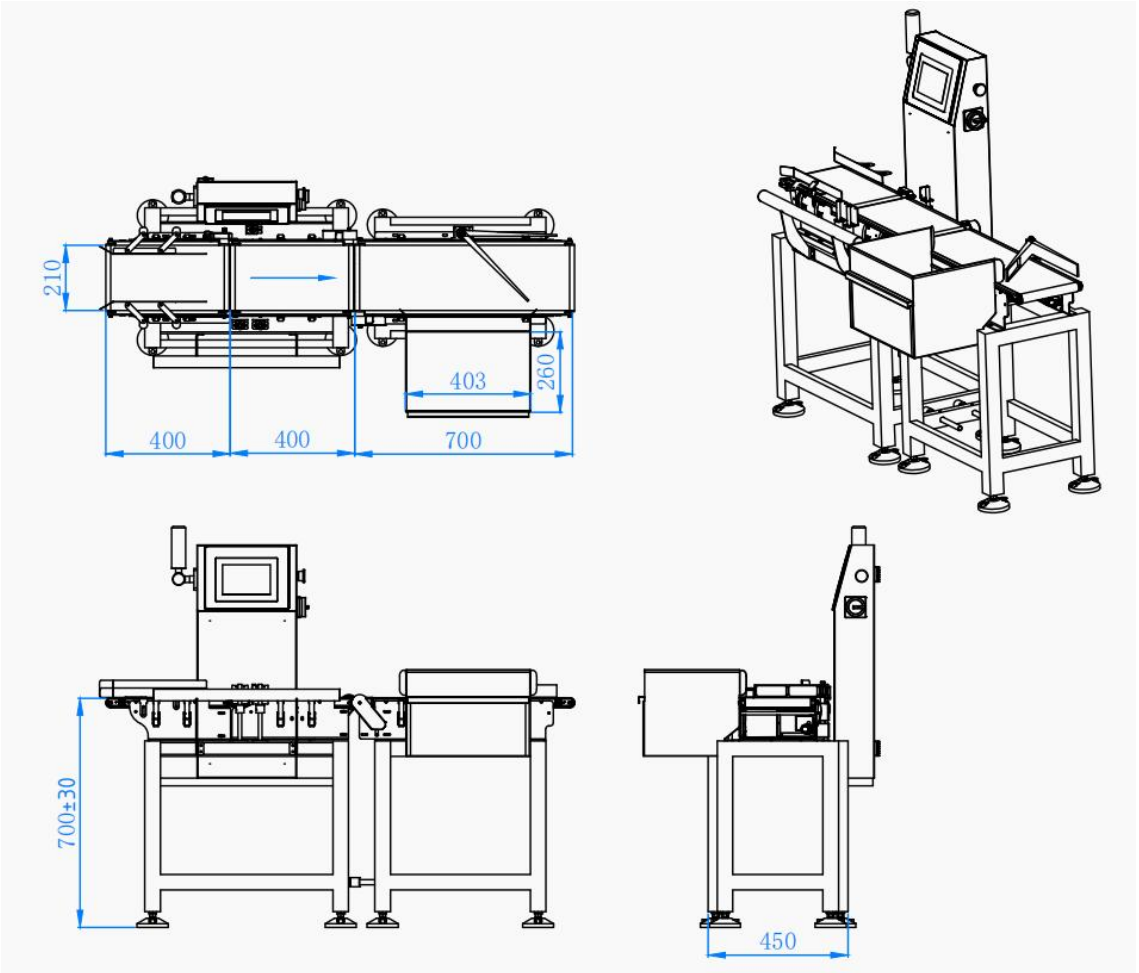


CW-200 Automatic Check Weight Machine



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

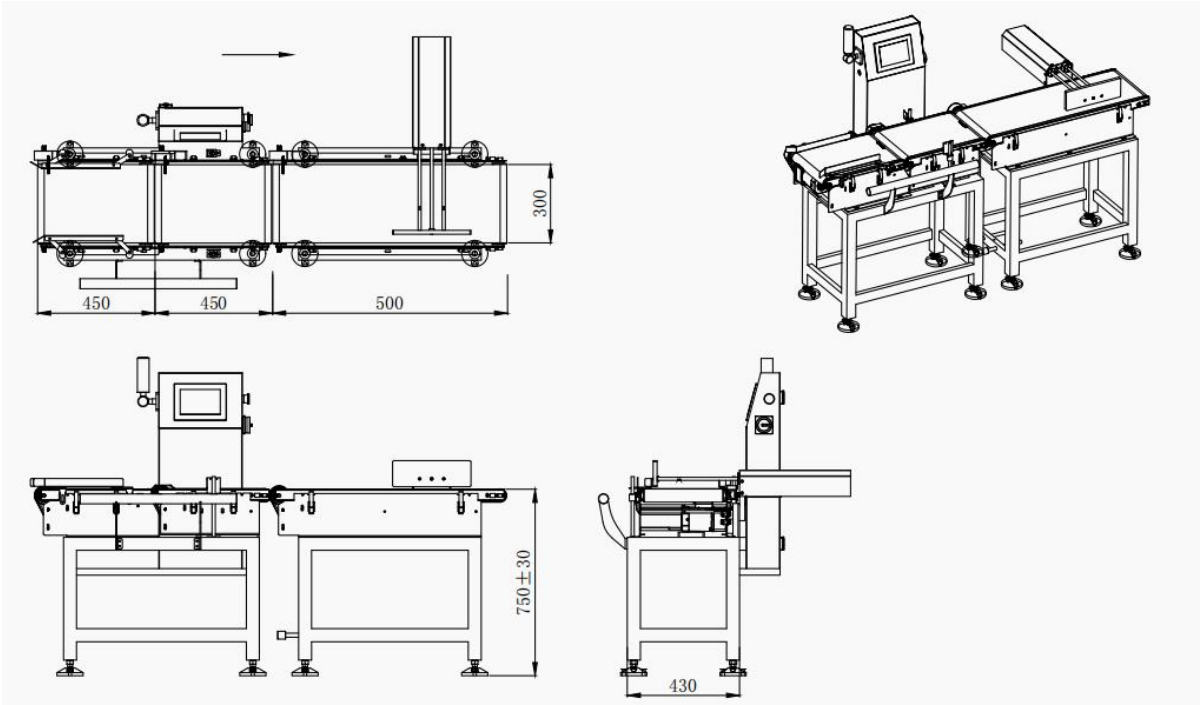


CW-300 Automatic Check Weight Machine



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

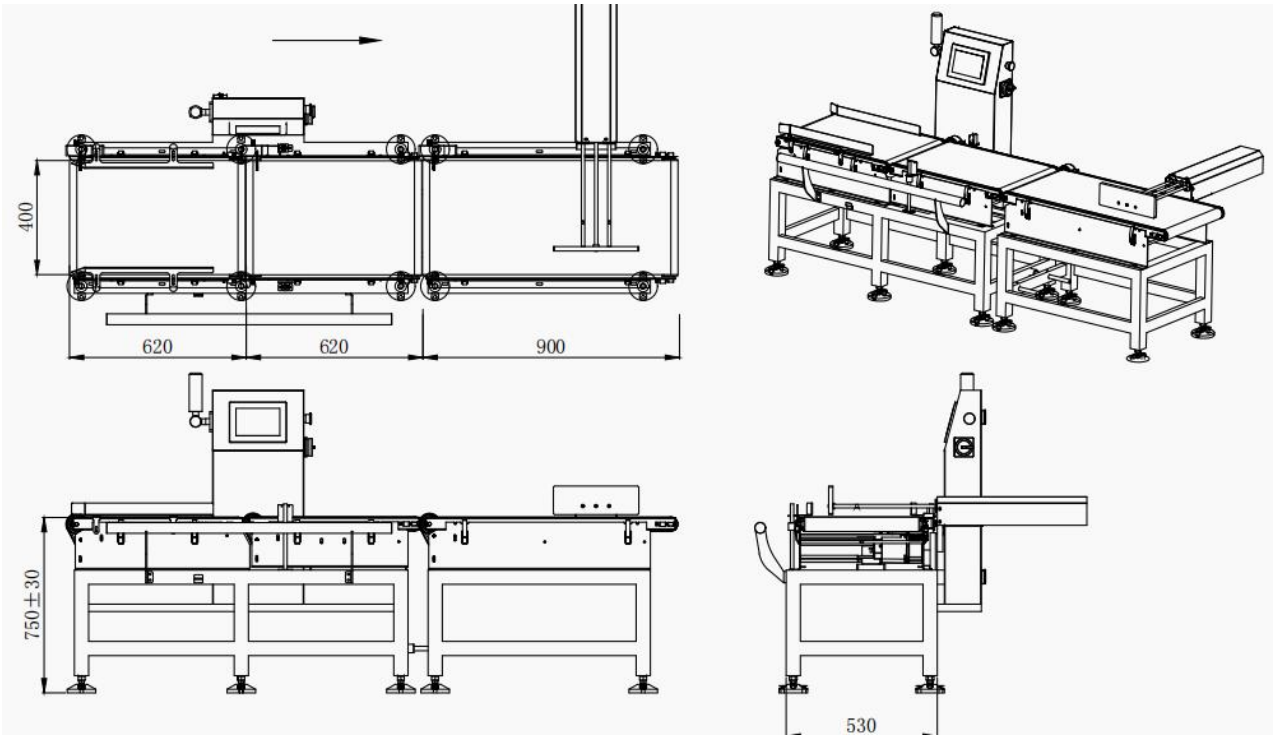


CW-400 Automatic Check Weight Machine



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

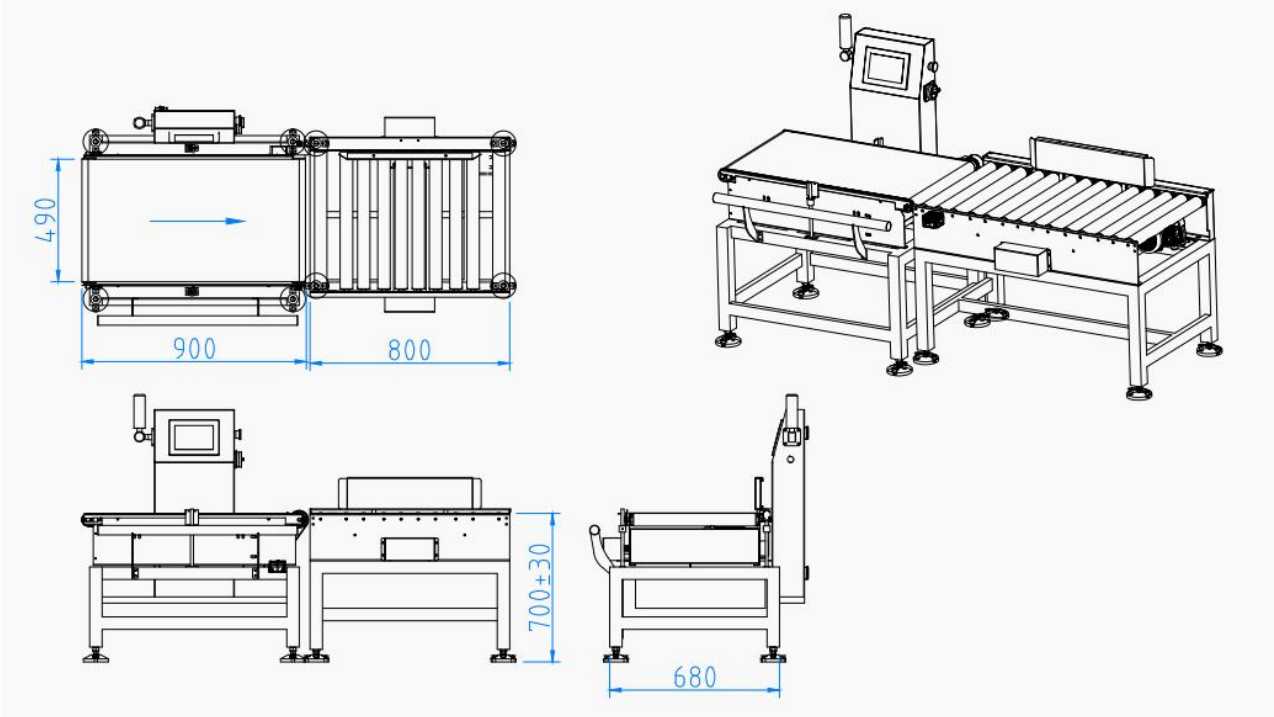


CW-500 Automatic Check Weight Machine for Heavy-weight Products



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

