



Checkweighers

Edge on Accuracy




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Checkweigher

While overfilling leads to huge production loss, underfilling leads to credibility loss. At Warade, we understand this dilemma, hence, we have developed high precision dynamic checkweighers that will keep a check on weight.

Features

- ▶ High Speed - Up to 150 ppm
- ▶ High Precision - Weigh Cell (EMFR Technology) or Load Cell
- ▶ Wide Weighing Range - 15 - 50000 gm
- ▶ Mechanical Features
- ▶ Low & Easy Maintenance
- ▶ User Friendly Interface
- ▶ CE Certified 
- ▶ Value for Money
- ▶ Display Features



- ▶ Tool Free Removable Conveyor (for up to 3kg Capacity Models)
- ▶ Tool Free Belt Removal
- ▶ Optimum and Sturdy Design
- ▶ Easy Integration with Production Lines



- ▶ 5.7" wide Color Touch Screen
- ▶ Statistical and Data Screen
- ▶ Memory ~ 100 Recipes
- ▶ In-built SD Memory Card for Easy Data Transfer

Application

Food & Dairy

Confectionary, Noodles, Pasta, Coffee, Salad Seasoning, Snacks, Dairy Products, Fish, Flour, Animal Feed & many more.

Pharmaceutical

Tablets, Powder, Bags, Blister Packs, Folding Carton & many more.

Logistics / Industry

Granules, Fertilizers, Pesticides, Insecticides, Adhesive, Paint & many more.

FMCG

Soap, Detergent, Personal Care, Hygiene Products & many more.



● OptiWeigh IW 600

Model	IW 600	IW 600 E
Weighing Range (gm)	15 - 600	
Accuracy (gm)	± 0.1	± 0.3
Speed (ppm)	Up to 150	Up to 100
Product Length (mm)	60 - 200	
Product Width (mm)	10 - 160	
Product Height (mm)	10 - 100	
Operating Height (mm)	800 ± 25	
MOC	SS - 304 / M.S. Painted	
Weighing Technology	Weigh Cell (EMFR)	Load Cell



Weighing Range (gm)	15 - 1500
Accuracy (gm)	± 0.3
Speed (ppm)	Up to 100
Product Length (mm)	60 - 260
Product Width (mm)	10 - 230
Product Height (mm)	10 - 100
Operating Height (mm)	800 ± 25
MOC	SS - 304 / M.S. Painted
Weighing Technology	Load Cell





● OptiWeigh IW 3000

Weighing Range (gm)	20 - 3000
Accuracy (gm)	± 1.0
Speed (ppm)	Up to 80
Product Length (mm)	80 - 290
Product Width (mm)	20 - 250
Product Height (mm)	10 - 100
Operating Height (mm)	800 ± 25
MOC	SS - 304 / M.S Painted
Weighing Technology	Load Cell



● OptiWeigh IW 6000

Weighing Range (gm)	30 - 6000
Accuracy (gm)	±3
Speed (ppm)	Up to 60
Product Length (mm)	80 - 430
Product Width (mm)	30 - 350
Product Height (mm)	10 - 200
Operating Height (mm)	800 ± 25
MOC	SS - 304 / M.S. Painted
Weighing Technology	Load Cell





● OptiWeigh IW 15000

Weighing Range (gm)	60 - 15000
Accuracy (gm)	± 5
Speed (ppm)	Up to 35
Product Length (mm)	80 - 590
Product Width (mm)	50 - 400
Product Height (mm)	10 - 250
Operating Height (mm)	750 ± 25
MOC	SS - 304 / M.S. Painted
Weighing Technology	Load Cell



● OptiWeigh IW 25000

Weighing Range (gm)	100 - 25000
Accuracy (gm)	± 10
Speed (ppm)	Up to 20
Product Length (mm)	80 - 590
Product Width (mm)	50 - 400
Product Height (mm)	10 - 250
Operating Height (mm)	750 ± 25
MOC	SS - 304 / M.S. Painted
Weighing Technology	Load Cell



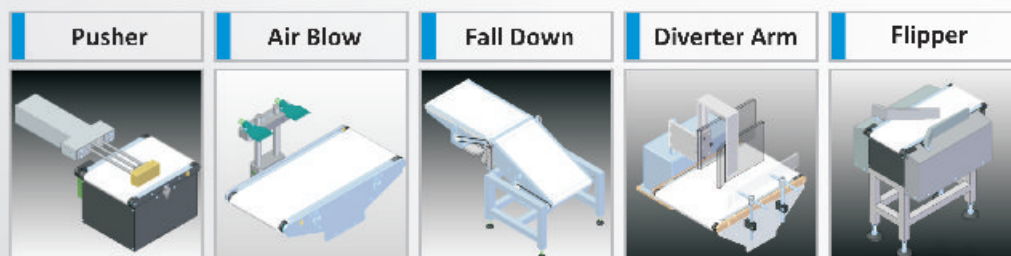


● OptiWeigh IW 50000

Weighing Range (gm)	100 - 50000
Accuracy (gm)	± 10
Speed (ppm)	Up to 20
Product Length (mm)	80 - 590
Product Width (mm)	50 - 400
Product Height (mm)	10 - 250
Operating Height (mm)	750 ± 25
MOC	SS - 304 / M.S Painted
Weighing Technology	Load Cell

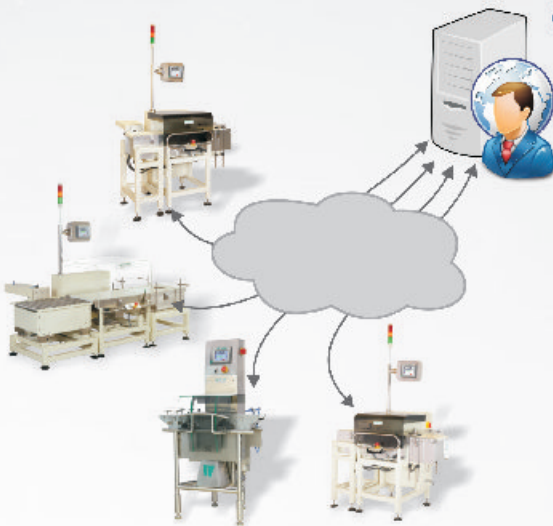
● Rejection System

Rejection system automates the process of rejecting off-weight products, allowing only the right weighted products to pass. Different rejection systems are available to meet product specific requirement.



● Remote Monitoring via RS-485 or Ethernet Interface

RS - 485 or Ethernet interface enables you to be connected with checkweighers remotely. Once connected remotely you can monitor the system from the pleasure of your desk.



● Centralized Remote Monitoring

You can connect all your checkweigher to a central hub through a common network.

This will allow you to monitor data of any checkweigher in network from a central location.

● Tendency Control / Feedback control

The primary function of any check-weigher is to measure weight. This function can be exploited to our advantage. A check-weigher can be connected to upstream machine to provide feedback on weight.

As the product properties vary during the batches, it becomes extremely difficult to take corrective action to control the packed weight. Tendency control is a tool to minimize the product / production losses in such cases. Our tendency control tool is very flexible to set to suit to the required conditions and send feedback to the primary packing machine.

Based on the feedback, the upstream machine will automatically adjust the weight to the required limits. This way a **Checkweigher** not only keeps a check on weight but also controls the weight i.e tendency control or feedback control.

Even a small saving of **1gm per pouch @ 50ppm** line speed, running **20 hrs a day**, considering material cost **Rs 50/kg** can result in saving of **9 lacs/year**. Hence, a **Checkweigher** can save you money.

● Metal Detection

In addition to check weight, many applications require to check for metallic particle and reject those products that contain them. We provide metal detection technology such that it can be conveniently integrated to weight checking process and then accordingly reject unwanted products. It allows you to minimize your footprint.

● Printer / Bar code Reader / Label applicator

Paper printer will print the weight and other production data. The prints find bigger application than just documentation when you need to paste the data on final product such as in warehouse management.

Our checkweigher has the flexibility to easily add and integrate barcode reader or label applicator in it as per your application.



Doser & Weigher

- Different dosing & weighing technology depending on product characteristics such as gravity, vibratory, belt & screw feed systems
- High Speed & High Accuracy
- Multiple head system for even higher speed



Bagger

- Primary bagging solution for all free flowing bulk material
- Secondary bagging solution for sachets and pouches
- Pick-Fill-Seal solution for premade pouches
- Semi-automatic & Fully automatic options



Case Packer

- Primary, Secondary & Tertiary Cartoning systems
- Semi & Fully automatic
- High positioning accuracy
- Easy Changeover
- Auto Case Erector



Palletising

- Advanced palletizing technologies – Robotic, Gantry & High level
- For Bags, Pails, Trays, Tins and Cases
- Best stacking quality
- Accessible and safe
- Peripherals – Compression conveyor, Pallet dispenser & Stretch wrapper



Conveying Systems

- Custom Made Solutions
- Various types of conveying systems – roller, belt, slat, accumulation, telescopic, pencil, gravity, screw, pneumatic, vibrating, flexible, spiral, bucket etc.
- Efficient Integrated system
- Easy Cleaning and Inspection
- Smooth conveying



EPSPM

- Does your project require you to engage with multiple vendors either for machines or for engineering services?
- Does adhoc onsite installation create safety and quality issues?
- Does it take a long time to commission the equipment?
- EPSPM that is our turnkey service to get away from these problems.
- Single point of contact for Engineering, Supply, Procurement & Management



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