



LCW 3000 shown with optional air blast reject.



An *ITW* Company

LCW 3000
LCW 6000
LCW HeavyWeight
LCW Combination Systems

LCW 3000 Checkweigher

ACCURATE WEIGHING

An unrivaled loadcell provides accuracy to 0.2 g to ensure compliance.

INTUITIVE INTERFACE

10.5" color touch screen provides easy operation and excellent visibility.

HIGH SPEED

Standard belt speeds process packages up to 325 ft/min.

FLEXIBLE WEIGHING

Weighs flexible and rigid products and packages up to 6.6 lbs.

BUILT RELIABLE

Stainless steel frame combined with Allen Bradley motor controls.

The LCW 3000 Checkweigher is designed to handle all types of flexible and rigid products and packages. Suitable for the most demanding environments, the LCW 3000 Checkweigher is hygienic and easy to maintain. Utilize the latest weighing and control technology to deliver precise results from the first to the last package weighed.



Checkweighers with superior weighing performance

The LCW 3000 Checkweigher delivers best-in-class, superior weighing and control performance. This system is accurate, reliable and can be integrated easily into almost any production line. The LCW 3000 covers a wide range of production speeds up to 325 ft/min and package weights up to 6.6 lbs.

Enhanced accuracy and stability through powerful digital filtering software allows for consistency in extreme environments. High field strength and a low center of gravity control unit eliminates external interference, vibration and delivers the ultimate in noise-free detection.

A 10.5" intuitive user interface is mounted on the control cabinet for easy reference during production. A color touchscreen with an icon driven menu promotes easy operation. Seamlessly integrate your LCW 3000 with Windows XPe operating system. Achieve added security with a multi-level, password protection system. Five weight classification zones, ensure you will pass any internal or external audit flawlessly.

Our highly innovative design combines a multitude of conveyor configurations and integrated features to reduce set up time. The LCW 3000 allows for height adjustment and reversible transport direction. Each system is built with a stainless steel frame combined with Allen Bradley controls to suit your plant integration protocols.

Integrate servo feedback for accurate weight control of volumetric filling processes. When you have the capability to precisely control fill volumes, payback for this application is within weeks of integration.

Get more accurate, consistent performance in a Loma checkweighing system and focus on meeting your production goals and protecting your brand.

For more information



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About Loma Systems

Loma Systems is the world's leading engineering and manufacturing company specializing in metal detection, checkweighing and x-ray inspection systems. Our products are uniquely engineered for consistent quality with a low cost of ownership.

We have successfully partnered with the world's largest food and packaging companies, located in over 100 countries, to comply with product safety standards and retailer codes of conduct.

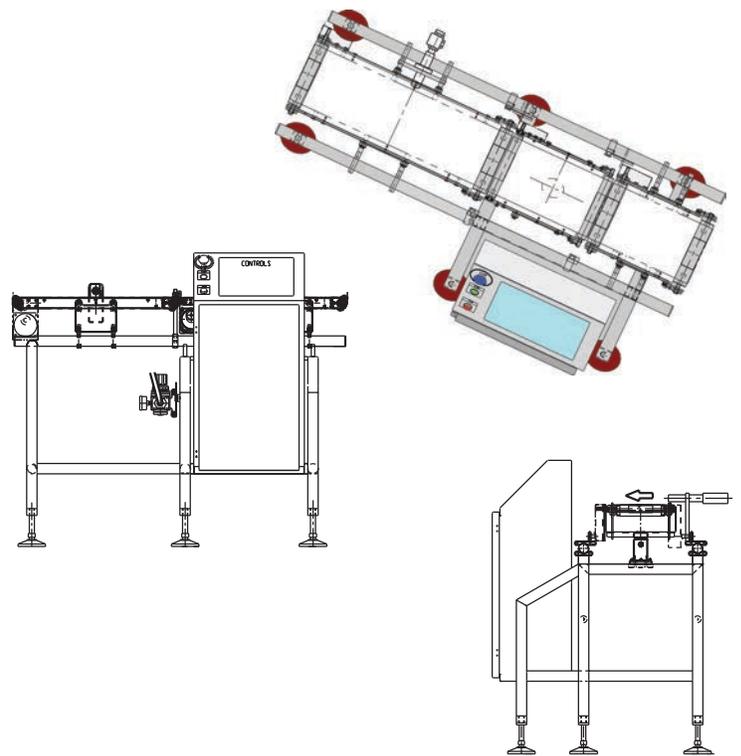
'Designed to Survive'

Being the first company in the industry to receive an ISO9001 certification, Loma has earned a reputation for unparalleled technology - the result of a continuous and far-reaching research and development program.

Our goal remains the same - to help you maximize your production uptime, maintain your self-sufficiency and comply with consumer and government demands for product safety.

Finish	304 stainless steel with #4 polish finish	
Std Line Height	26" to 50" (2" increments)	
Std Line Length	36" to 108" (2" increments PWT; 4" infeed/outfeed)	
Supply Voltages	230 V or 120 1ph /N+E 50 or 60Hz	
Speeds	Up to 325 ft/min	
Product Weight	6.6 lbs	
Accuracy	0.2 g (0.007 oz)	
Std Belt Type	Flat (food quality) or modular	
Reject Options	Air Blast, Pusher, Driven Drop Conveyor	
Environment	IP54	IP66
Features	240 product memory, multi-speed, password protection, PC-based touch screen, simple set up/ diagnostics, histogram, Allen Bradley controls, loadcell, statistical recording	
Options	Product guides, servo feedback, serial link, zone indicator stack light, data communication, reject bin, reject bin full alarm, reject confirmation alarm, draft/safety covers, remote weight display, bar code reader, photo registration eye	

LCW 3000 Checkweigher Drawings



Data Management

Compliance with HACCP and other quality controls methods means it is essential for manufacturers to keep accurate records. The Loma OPC and LomaEnet systems are designed to help the food processing, manufacturing and packaging industries use their inspection equipment as a management tool as well as a process control. Our systems provide intuitive, step-by-step guidance for simple quality assurance testing. An ethernet connection or a USB port allows you to download data direct to your network.

Start-up Services **INCLUDED AT NO COST!**

Your new Loma inspection system will be set up to meet your unique user and application requirements at no additional cost. When installed by a Loma certified technician, the LCW 3000 is proven to offer greater reliability, uptime and peace of mind.

- 1 Calibration for the best accuracy
- 2 Technical and software training
- 3 Safety and maintenance training
- 4 Installation and environment consultation
- 5 Best practices training

Ongoing Service

Realize the maximum uptime from your inspection systems by relying on the industry's foremost technical experts. Get best-in-class service when and where you need it.

- 1 Onsite repair
- 2 Remote diagnostics and support
- 3 Planned and preventative maintenance
- 4 Spare parts and kits
- 5 Full systems integration
- 6 Refurbishments
- 7 Quality assurance and compliance