



LCW 3000 & 6000 Combo Systems

www.loma.com

Versatile, proven integrated checkweighing and metal detection systems for the food and packaging industries



- **Versatile** Weighs a wide range of flexible and rigid packs up to 13lb (6kg)
- **Accurate** Excellent accuracy, especially with flexible packaging
- **Compact** Integrated to save line space
- **Reliable** Heavy duty conveyor components, high quality electronics
- **Effective** Loma expertise in both technologies ensures maximum system performance

Metal Detection

X-ray Inspection

Checkweighers

Data Capture

Designed to Survive



LCW Checkweighers

Finish:	304 stainless steel with bead blast finish
Typical Line Height:	26 to 50" (±2) 660 to 1270mm (±50)
Typical System Length:	83" 2,100mm (with reject)
Transport Types:	PWT - see LCW 5000/6000 data sheet
Maximum Product Height:	6.5" 165mm (Metal Detector)
Supply Voltages:	110 or 230V/1ph/N+E 50 or 60Hz
Air Supply:	80 to 100 psi 5 to 8 bar
Standard Reject Options:	Air Blast, Pusher, Diverter
Environment:	NEMA12/4X IP55/IP66
Belt type:	Flat (food quality) belt
Standard inclusions:	Variable speed - PWT only, Pack pitch monitor, Adjustable feet
Options:	Variable speed - ASDL, Servo feedback - for filler control, Serial Link, LomaENet, Ethernet. Super ruggedized hose - down specification, Reject bin full alarm, Reject confirmation alarm

Technical Specification

PVS - performance validation system

Application specific filtering

Dual frequency option for metallised film applications

Various communication options to suit plant integration protocols

Direct transmitter drive to eliminate thermal drift

High field strength to eliminate external interference and deliver the ultimate in noise free detection

32-bit digital signal processing for enhanced contaminant detection

Aperture heights (mm)

3" (75) 4" (100) 5" (125) 6" (150) 7" (175) 8" (200)

Aperture widths LCW 5000/6000 (mm)

10" (250) 14" (350) 18" (450) 22" (550)

Aperture widths LCDL (mm)

12" (300) 16" (400) 20" (500) 24" (600)

USA — Loma Systems Inc, 283 East Lies Road, Carol Stream, IL 60188

Canada — Loma Canada, 333 Wycroft Road, Unit 11, Oakville, Ontario, L6K 2H2

Tel: 1-800-USA-LOMA

Tel: (905) 842 4581

Fax: (630) 588-0900

Fax: (905) 842 3460

Email: sales@loma.com

Email: lomacanada@loma.com