

Onboard Load Cell Systems

FOR RIGID,
STRAIGHT-CHASSIS
VEHICLES



RICE LAKE
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

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Accurate, Reliable and Efficient Payload Measurement

Rice Lake onboard scale systems assure optimal and safe use of a truck's payload capacity.

Optimal Capacity Assurance

Hauling optimal-capacity loads helps ensure profitability and safety, as well as reduces maintenance expenses on springs, brakes and tires, increasing the operating lifetime of the truck and body.

Operating Safety and Efficiency

Overloaded trucks can increase the possibility of unsafe operating conditions, including truck component failure. With onboard weighing systems, drivers can finish routes faster, safer and more efficiently with full, legal loads.

Measure Load Increments

Onboard systems accurately measure incremental on-loading (individual loads or batch mixtures) or material off-loaded during split-load deliveries or spreading.

Onboard Weighing System Kits

Onboard kits are simple to install and are typically configured as four-point or six-point kits. Underbody kits fit all types of straight chassis trucks and body types, including tanks, box vans, flatbeds, and hopper and packer bodies.

9700 Series Digital Indicator

- Total gross weight, net payload weight, optional steering axle and drive axle weights
- Cab-mount or environmentally protected external-mount enclosure
- Options: in-cab printer, 10-key pad, remote scoreboard display, Go-Between™ data storage on a flash drive, remote zero and print smash-buttons, GPS modem interface



Model PL9710 adds printer and data ports, incremental measurement functions and expanded memory capacity



Onboard Weighing System Specifications

Load Cells:	Double-ended shear beam load cells with high-shock and overload tolerances
Load Cell Material:	Alloy steel for long-life performance and nickel plated for corrosion resistance
Load Cell Capacities:	Model 115345: 20,000lb dynamic capacity per cell; standard cell Model 117666: 40,000lb dynamic capacity per cell; heavy-duty cell
Communications:	Digital 2-wire communications from transmitter(s) to cab
Transmitter:	Models available for 4 or 6 load sensor systems and single or dual-lead models for dual-channel straight truck configurations
Transmitter Construction:	Encapsulated, stainless steel enclosure
Main Indicator Display:	0.70in high, bright-red LED digits
Message Display:	2 lines x 24 characters per line, backlight, dot-matrix LCD display
Input Power:	11-16 V/DC; 350 mA consumption typical 9-36 V/DC input power optional
PL9700 Display Data:	Gross weight, net weight; axle 1 and axle 2 weight data optional
PL9710 Display Data:	All 9700 displays, load/deliver, push-button zero, print functions
PL9710 Ports:	RS-232C (dual ports), RS-422 (single port), TTL outputs for remote print and zero
Digital Graduations:	10, 20, 50 or 100lb/kg
System Accuracy:	Typically better than $\pm 1\%$ of measured payload
Configuration:	Filter selection; serial port configuring; incremental weighing; cal total net for dual-channel straight truck applications; RF transmitter for remote data feed; in-cab load cell diagnostics

Additional Straight Truck Onboard Weighing Equipment from Rice Lake

- TradeRoute™ Legal for Trade onboard weighing system
- Straight truck air-ride suspensions
- Rear hinge pivot load pins

Your Rice Lake Weighing Systems distributor is:

RICE LAKE
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