

# Onboard Weighing

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*Legal for Trade Onboard Weighing System*

Loadrunner®

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*Dump Truck Systems Kit*

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# PL Series Load Cells

## PL9000-14



The PL9000-14 is a low-profile load cell designed for onboard weighing applications with limited height. With a single-piece bearing plate and an overall profile of only 2.4 inches, the PL9000-14 is ideal for applications with four- or six-point under-body mounts and body rest mounts.

### Order Information

*Picture is a representation of actual product*

Load Rating		Part #	Est. Weight	Price
Static 16,500 lb	Dynamic 10,000 lb	114322	19lb	\$810.00

## PL9000-14.4



The PL9000-14.4 is ideal for under-body and body rest mounts in four- or six-point system configurations. This load cell offers higher load ratings with a single-piece bearing plate and overall length of 14 inches.

### Order Information

*Picture is a representation of actual product*

Load Rating		Part #	Est. Weight	Price
Static 25,000 lb	Dynamic 12,500 lb	115345	18 lb	\$920.00

## PL9000-22



The PL9000-22 is designed for underbody mounts and low-profile axle scales such as Rice Lake's AX3040. It has a 2.4-inch profile and is 22.6 inches long.

### Order Information

*Picture is a representation of actual product*

Load Rating		Part #	Est. Weight	Price
Static 30,000 lb	Dynamic 20,000 lb	111766	30 lb	\$1,170.00

## PL9000-26



The PL9000-26 is a heavy duty, shear beam load cell designed for kingpin plates and underbody mounts. Available with either a single bearing plate or two separate bearing plates, the PL9000-26 has a 2.3 inch profile and is 26 inches long.

### Order Information

*Picture is a representation of actual product*

Load Rating		Part #	Est. Weight	Price
Static 40,000 lb	Dynamic 20,000 lb	114325	35 lb	\$1,095.00

## PL9000-50



The PL9000-50 is designed for 5th wheel kits and spring suspension equalizer hangers. The PL9000-50 has two separate bearing plates, one on each end, and an overall profile of 2.8 inches.

### Order Information

*Picture is a representation of actual product*

Load Rating		Part #	Est. Weight	Price
Static 50,000 lb	Dynamic 12,500 lb	114326	24 lb	\$925.00

## PL9110



The PL9110 double-ended shear beam load cell is ideal for weighing equipment typically fixed to a truck body. This low-profile, rigid mount load cell is offered in capacities from 2,000 to 20,000 lbs with the same profile.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
Static 2,000 lb	<b>204610</b>	6 lb	\$780.00
Static 5,000 lb	<b>204611</b>	6 lb	\$780.00
Static 10,000 lb	<b>204612</b>	6 lb	\$780.00
Static 20,000 lb	<b>204613</b>	6 lb	\$780.00

# PL Series Load Cells

## PL9120



The PL9120 is designed for a mounting assembly that can be attached to a vertical surface. This perpendicular mounting design may be a solution where typical compression or tension mounts are not suited.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
Static 500 kg	<b>205775</b>	5 lb	\$925.00

## PL9200



The PL9200-25K onboard weighing load cell is hermetically sealed with an IP69 rating.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
25,000 lb	<b>209603</b>	25 lb	\$1,195.00
35,000 lb	<b>210812</b>	25 lb	\$1,195.00

## RLD-10K



The RLD-10K double-ended shear beam load cell has a low profile and rigid mount. The RLD-10K is ideal for applications where suspension mounts are not suitable, profile increases don't work, or dynamic forces are present.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
Static 10,000 lb	<b>120959</b>	6 lb	\$1,260.00
Dynamic 4,000 lb			

## PLSB-25K



The PLSB-25K is used in Rice Lake's twist-lock and stacking cone mount assemblies. This rigid mount, double-ended shear beam load cell is used when a series of mounts are not fixed to a frame at all times. The PLSB-25K can also be used in applications with dynamic forces.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
Static 25,000 lb	<b>179827</b>	26 lb	\$1,550.00
Dynamic 10,000 lb			
Static 25,000 lb	<b>191898</b>	26 lb	\$1,620.00
Dynamic 10,000 lb			

## PLSB-40K



The PLSB-40K alloy steel load cell is hermetically sealed with an IP68 rating and has a 0.75mV/V output at 12,500 lbs.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
Static 40,000 lbs	<b>117666</b>	31 lb	\$1,075.00
Dynamic 20,000 lbs			

## LOAD PIN - 2 INCH, 20K



This 2-inch load pin is used in Rice Lake's Loadrunner kits and semi trailer landing gear. This load pin can be paired with load and support collars for applications that have pivot or rotation requirements.

### Order Information

*Picture is a representation of actual product*

Load Rating	Part #	Est. Weight	Price
20,000 lb	<b>181895</b>	10 lb	\$1,095.00

Additional details and complete specifications for onboard weighing load cells can be found online. Please consult the factory to determine the best model for your application.

ONBOARD WEIGHING

# PL Series Tractor-Trailer Kits

## Part Number/Price

Part #	Model #	Description	Price
<b>Complete Tractor/Trailer Air-Ride Kits</b>			
114285	PL9700-100	Single transducer kit (tractor/trailer) Kit includes: 9700, (2) air transmitter, (2) air pressure transducer, 35 ft & 80 ft truck cable, 15 ft power cable	\$3,360.00
114286	PL9700-200	Dual transducer kit (tractor/trailer) Kit includes: 9700, (2) air transmitter 2-lead, (2) dual air pressure transducer, 35 ft & 80 ft truck cable, 15 ft power cable	\$3,880.00
114287	PL9704-3202	Three channel air transducer system Kit includes: 9704, (3) air transmitter 2-lead, (3) dual air pressure transducer, (2) 35 ft & 80 ft truck cable, 15 ft power cable	\$5,460.00
114288	PL9704-4202	Four channel air transducer system Kit includes: 9704, (4) air transmitter 2-lead, (4) dual air pressure transducer, (3) 35 ft & 80 ft truck cable, 15 ft power cable	\$7,240.00
114289	PL9704A-3202	Three channel air transducer system with auto ID indicator/transmitter Kit includes: 9704A, (3) air transmitter 2-lead auto ID, (3) dual air pressure transducer, (2) 35 ft & 80 ft truck cable, 15 ft power cable	\$5,670.00
114290	PL9704A-4202	Four channel air transducer system with auto ID indicator Kit includes: 9704A, (4) air transmitter 2-lead auto ID, (4) dual air pressure transducer, (3) 35 ft & 80 ft truck cable, 15 ft power cable	\$7,240.00
<b>Half System Air-Ride Kits</b>			
114292	PL9701-200	Dual transducer kit (tractor only) Kit includes: 9700, air transmitter 2-lead LC, dual air pressure transducer, 35 ft truck cable, 15 ft power cable	\$2,520.00
114294	PL9701-200	Dual transducer kit (trailer only) Kit includes: Air transmitter 2-lead LC, dual air pressure transducer, 80 ft truck cable	\$1,360.00
<b>Half System 5th Wheel Kits</b>			
114295	PL9701-250H	Holland fixed 5th wheel kit (25,000 lb max with dead load) Kit includes: 9700, dual lead transmitter, (2) 5th wheel bending beam/suspension load cell, 35 ft truck cable, 15 ft power cable, hardware	\$4,620.00
168365	–	Holland fixed 5th wheel kit with 9705 (25,000 lb max with dead load) Kit includes: 9705 with auto ID and selectable base, dual lead transmitter, 603-1 wireless transmitter, (5) 5th wheel bending beam/ suspension load cell, 35 ft truck cable, 15 ft power cable and hardware	\$5,780.00
114296	PL9701-250F	Fontaine fixed 5th wheel kit (25,000 lb max with dead load) Kit includes: 9700, dual lead transmitter, (2) 5th wheel bending beam/suspension load cell, 35 ft truck cable, 15 ft power cable, hardware	\$4,520.00
168363	–	Fontaine fixed 5th wheel kit with 9705 (25,000 lb max with dead load) Kit includes: 9705 with auto ID and selectable base, dual lead transmitter, 603-1 wireless transmitter, (5) 5th wheel bending beam/ suspension load cell, 35 ft truck cable, 15 ft power cable and hardware	\$5,460.00
132050	PL9701-250J	JOST fixed 5th wheel kit (25,000 lb max with dead load) Kit includes: 9700, dual lead transmitter, (2) 5th wheel bending beam/suspension load cell, 35 ft truck cable, 15 ft power cable, hardware	\$5,040.00
168366	–	JOST fixed 5th wheel kit with 9705 (25,000 lb max with dead load) Kit includes: 9705 with auto ID and selectable base, dual lead transmitter, 603-1 wireless transmitter, (5) 5th wheel bending beam/ suspension load cell, 35 ft truck cable, 15 ft power cable and hardware	\$5,670.00
<b>Equalizing Leaf Spring Suspension Kits</b>			
114299	PL9720-250	Tandem axle center hanger load cell kit (25,000 lb max with dead load) Kit includes: Dual lead load cell transmitter, (2) 5th wheel bending beam/suspension load cell, 80 ft truck cable, (4) bearing plates, hardware	\$3,260.00
114300	PL9720-450	Tri-axle center hangers load cell kit (25,000 lb max with dead load) Kit includes: Four-lead load cell transmitter, (4) 5th wheel bending beam/suspension load cell, 80 ft truck cable, (8) bearing plates, hardware	\$5,460.00
163091	–	Hutch center equalizer hanger for tandem/tri-axle kit Kit includes: Two hangers	\$2,520.00
<b>Tandem Trailer Single-Point Suspension Kits</b>			
117667	PL9720-216	Single-point clamp load cell kit, 40,000 lb (80,000 lb max with dead load) Kit includes: Dual lead transmitter, (2) bearing plates, (2) 40,000 lb load cells, (8) bearing plates	\$5,800.00
161660	–	Single-point clamp load cell kit, 40,000 lb (80,000 lb max with dead load) Kit includes: (2) 40,000 lb load cells, (4) body springs, (2) nuts, bolts and washers, bearing plates	\$3,150.00
<b>Logging Kits</b>			
182971	–	North West short logger kit	\$17,300.00
182972	–	North West long logger Kit	\$8,300.00
<b>Indicator Kits</b>			
114163	PL9700-02	Dual-channel indicator kit Kit includes: 9700, (2) dual lead transmitter, 35 ft & 80 ft truck cable, 15 ft power cable	\$2,500.00
114174	PL9710-02	Dual-channel indicator air kit with serial ports Kit includes: 9710, 2-lead transmitter, 2-lead air transmitter	\$2,900.00
114304	PL9704-03	Three-channel indicator air kit with serial ports Kit includes: 9704, (3) 2-lead air transmitter, 35 ft & (2) 80 ft truck cables, 15 ft power cable	\$3,900.00
114305	PL9704-04	Four-channel indicator air kit with serial ports Kit includes: 9704, (4) 2-lead air transmitter, 35 ft & (3) 80 ft truck cables, 15 ft power cable	\$4,300.00

ONBOARD WEIGHING

# PL Series Straight Truck Kits

## Part Number/Price

Part #	Model #	Description	Price
<b>Rigid Underbody Load Cell Kits</b>			
114307	PL9710-414.4	Four-point indicator kit with 14.4 in load cells (50,000 lb max with dead load) Kit includes: 9710, four-lead transmitter, (4) 14.4 in load cell, (4) bearing plates, (4) body coil springs, 35 ft truck cable, 15 ft power cable	\$6,800.00
114308	PL9710-614	Six-point indicator kit with 14.4 in load cells (75,000 lb max with dead load) Kit includes: 9710, six-lead transmitter, (6) 14.4 in load cell, (6) bearing plates, (8) body coil springs, anti rotation plate, 35 ft truck cable, 15 ft power cable	\$8,820.00
114309	PL9710-426	Four-point indicator kit with 26 in load cells (50,000 lb max with dead load) Kit includes: 9710, four-lead transmitter, (4) 26 in load cells, (8) bearing plates, (6) body coil springs, 35 ft truck cable, 15 ft power cable	\$8,300.00
161660	–	Single-point clamp load cell kit, 40,000 lb (80,000 lb max with dead load) Kit includes: (2) 40,000 lb load cells, (4) body springs, nuts, bolts and washers, bearing plates	\$3,150.00
<b>Tipping Body/Hoist Chassis Kits</b>			
118572	–	Six-point pivot pin kit with groove lock load cells, live weigh Kit includes: 9710, six-lead transmitter, 35 ft truck cable, 15 ft power cable, (4) bearing plates, (4) shear beam underbody load cells, (4) groove lock kits, (2) Labrie hinge pin kits (50,000 lb max with dead load)	\$10,100.00
178831	–	Three-point roll-off kit (Galbreath) includes: 9710, two-lead transmitter, 35 ft truck cable, 15 ft power cable	\$6,900.00
<b>Air-Ride Kits</b>			
114313	PL9700-1200	Dual transducer/transmitter air ride kit Kit includes: 9700, two-lead air transmitter, air pressure transducer, 35 ft truck cable, 15 ft power cable	\$2,500.00
119287	–	GPS indicator kit Kit includes: 9700/ RS-232 and GPS serial output, (2) dual lead air transmitters, Wireless transceiver, wireless receiver, 35 ft truck cable, 15 ft power cable	\$3,700.00
174310	–	Smart pressure sensor	\$1,360.00
<b>Indicator Kits</b>			
114176	PL9710-04	Four-point indicator kit with serial ports Kit includes: 9710, four-lead transmitter, 35 ft truck cable, 15 ft power cable	\$2,400.00
114177	PL9710-06	Six-point indicator kit with serial ports Kit includes: 9710, six-lead transmitter, 35 ft truck cable, 15 ft power cable	\$2,500.00
171429	–	In-cab display, single channel serial ports and load/deliver shrink calc software	\$1,150.00
174778	–	In-cab display, dual channel with 10-key pad	\$2,620.00

ONBOARD WEIGHING

# TradeRoute™ HL Series

Legal for Trade Onboard Weighing System



Double-double Assembly

## Approvals



ONBOARD WEIGHING



Single Assembly



Double Assembly

## Standard Features

### Legal for Trade Onboard System Includes

- 3 or 4 point onboard system RL20000 load cell with 20 ft cable, IP67
- 80-foot conduit cable
- Magnetic transport alarm sensor with 15 ft cable
- JB4SS junction box
- Hydraulic line locks and hoses
- 920i® Onboard Weigh Center
- Hydraulic pump not included
- Minimum 3,000 PSI recommended to maintain 2,200 PSI during lift

### 920i Onboard Weigh Center

- Epson® TM-U295 printer with splash shield
- Pre-installed 30 ft power cable, 30 ft load cell cable and inclinometer
- Transport alarm LEDs
- Power switch
- Start/End switch
- Waterproof enclosure
- Vibration mounts
- Mounting bracket to body not included

### 920i USB Universal with Onboard Software

- RS-232 port for connecting to ticket printer
- Standard onboard software
- USB interface board only

### USB Interface Functions

- Available upon special request using a Type A sealed connection
- USB interface card on Port 2
- Supports weigh mode and configuration mode functions
- Supports upload of databases and 920i configuration file
- Supports download of databases, 920i configuration file, iRite®, COD file and firmware file
- Sanity checks for command errors
- Create STD database files

### Flash Drives

- Supports USB 2.0 (optional)
- Create subdirectories by unit ID and database name
- Use the root directory for generic files

## Specifications

### Capacity:

Up to 60,000 lb (30,000 kg)

### Load Cell:

Rice Lake RL20000I alloy steel  
S-Beam, 20 ft cable

### Junction Box:

JB4SS TuffSeal®

### Rating/Material:

NEMA Type 4X  
Stainless steel enclosure

### Power Input:

9 to 36 VDC

### Weigh Center:

920i® series weight controller  
Epson® TM-U295

### Approvals:

NTEP CC 15-102 Class III/IIIL  
Measurement Canada AM-4847



## Part Number/Price

Part #	Model #	Description	Price
<b>TradeRoute Package (Includes 920i Weigh Center)</b>			
131098	AN15L-3	15,000 lb × 5 lb/8,000 kg × 2 kg 3-point system, OB5-SGL5 / OB10-DBL5 modules	\$14,900.00
131099	AN20L-4	20,000 lb × 5 lb/10,000 kg × 2 kg 4-point system, OB5-SGL5 / OB10-DBL5 modules	\$18,200.00
131100	AN30L-3	30,000 lb × 10 lb/15,000 kg × 5 kg 3-point system, OB10-SGL10 / OB20-DBL10 modules	\$16,300.00
131101	AN40L-4	40,000 lb × 10 lb/20,000 kg × 5 kg 4-point system, OB20-DBL10 (x2) modules	\$18,200.00
131103	AN60L-4	60,000 lb × 10 lb/30,000 kg × 5 kg 4-point system, OB30-DBL15 (x2) modules	\$20,400.00
<b>System Components</b>			
131442	–	920i® Weigh Center package includes: Indicator, Epson® Ticket Printer, 25 ft load cell cable, power cable, housing, vibration mounts for installation to customer supplied mounting bracket	\$5,350.00
154109	–	In-cab indicator 920i (requires 154112, 154111 and printer)	\$4,150.00
154112	–	In-cab LED alarm assembly, 8 ft cable	\$130.00
154111	–	Inclinometer, junction box assembly, 35 ft cable	\$750.00
65635	–	Epson TM-U295 printer	\$630.00
131811	–	Optional LED cab alarm, 35 ft	\$150.00
15494	EL146HE	Four conductor hostile environment load cell cable	\$1.96/ft
88956	JB4SS	JB4SS signal trim j-box with PG37 cord grips	\$275.00
128123	–	Conduit, 1/2 in non metallic liquid tight polytuf®	\$12.00/ft
127617	–	Retrofit kit 10,000 lb eyebolts for 1 cell	\$420.00
128670	OB5-SGL5	Low profile 5,000 lb single assembly	\$4,870.00
128666	OB10-DBL5	Low profile 10,000 lb double assembly	\$6,140.00
127956	OB10-SGL10	Low profile 10,000 lb single assembly	\$4,870.00
127958	OB20-DBL10	Low profile 20,000 lb double assembly	\$6,140.00
127959	OB30-DBL15	Low profile 30,000 lb double assembly	\$8,520.00
155300	–	Low profile 30,000 lb single tandem assembly	\$10,320.00
130107	Packaging	Double/double packaging	\$180.00

Note: Connect to your existing hydraulic pump with a maximum pressure of 3,000 PSI with a minimum flow of 5 GPM for best performance of lifting speed.

Note: Contact factory for other capacities not shown.

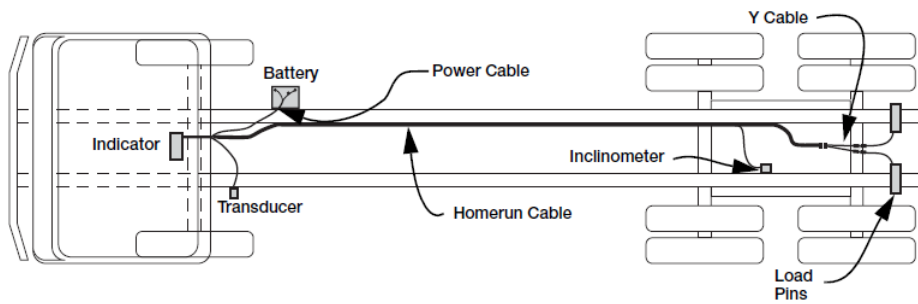
# Loadrunner® Onboard Weighing Systems

Dump Truck Systems Kit



## Part Number/Price

Part #	Description	Price
System		
158195	Dump truck system with 2-inch load pins, indicator, cables and hardware	\$5,200.00



ONBOARD WEIGHING



OB-350 Indicator, PN 131219



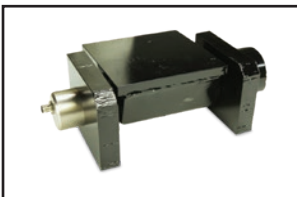
Hydraulic Transducer, PN 131211



Dump Truck Load Pin, PN 181895



Onboard Inclinometer, PN 131222



Dump Truck Hardware Kit



Power Cable, PN 131221



Y-Splitter Cable, PN 131226



Homerun Cable, PN 131228

Compatibility note: The Loadrunner dump truck kit has been designed for use on dual pin hinge pivot type dump bodies only. For dump truck body rear pivot assemblies using a single hinge bar, contact Rice Lake.