

Weigh Modules

Motor Truck Scale Electronic Conversion Kit

Rice Lake Weighing Systems



Full electronic performance can be achieved at a fraction of the cost of a new scale and pit. The MOTOR TRUCK SCALE (MTS) ELECTRONIC CONVERSION KIT is designed to transform an existing scale pit and weighbridge into a fully-electronic vehicle scale. Designed for quick installation without removing the platform or reconfiguring the pit, the conversion kit can often be installed in a matter of days, minimizing downtime. This ease of installation is important when considering installations where it is not feasible to completely remove the existing scale.

The IQ plus® 310A and IQ plus® 800 digital indicators are type approved for 10,000 divisions, as are the load cells.

Consult your local Weights & Measures Authorities for local legal-for-trade requirements.

STANDARD FEATURES:

- Cost- and time-efficient installation; no need to remove weighbridge
- Converts existing scale capacities of 40,000-300,000lb (18,143.7-90,718.7kg)
- 4-, 6- or 8-mount kits for 2-, 3- or 4-section conversions
- Translink™ heavy-capacity mounting assemblies
- Free movement in all directions in the horizontal plane with virtually no friction
- Completely self-centering
- Indicator and load cells are NTEP-certified 1:10,000 divisions, Class III L
- Requires no check rods
- Capacity per mount: 25,000-100,000 lb (11,339.8-45,359.4kg)
- Utilizes cells with 3mV/V output

Complete Kit Includes:

- 1 IQ plus 310A or IQ plus 800 digital weight indicator
- 1 TM-295 ticket printer with interface cable
- 1 JB-808S NEMA 4X signal-trim junction box with individual and section trimming capability (6- and 8-mount kits) or 1 EL211A NEMA 4X signal-trim junction box (4-mount kits)
- 1 UJB3T6 DC transient protector
- 4, 6 or 8 Translink mounting assemblies with RL75040A load cells
- 100' of Hostile Environment EL147HE SURVIVOR® load cell cable

APPLICATIONS:

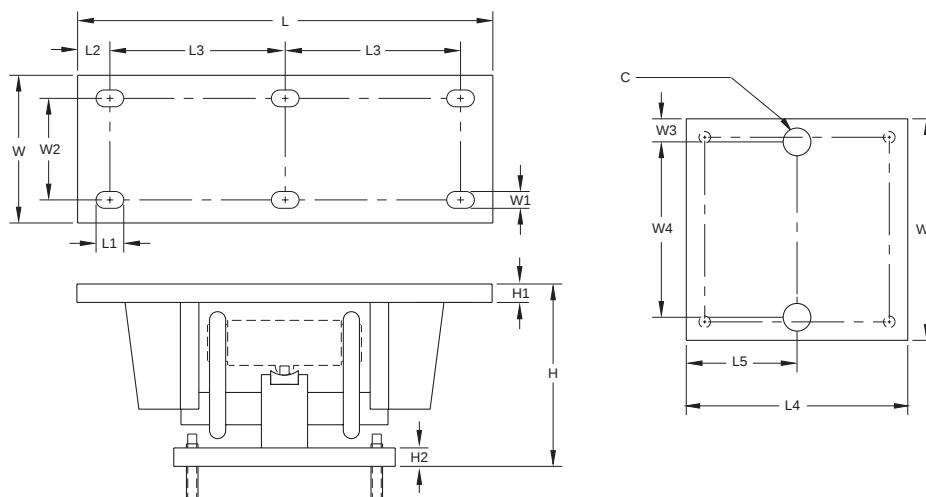
- Updating existing mechanical motor truck scales
- Replacing unsatisfactory electronic motor truck scales
- Conversion of heavy-capacity scales into fully-electronic vehicle scales where the existing scale cannot be removed

OPTIONAL FEATURES:

- Custom height available; consult Factory.
- RLWS RL75223 hermetically-sealed, Sensortronics 65040A or RTI 5223 load cells; consult Factory
- Available without printer and indicator

MTS Conversion Kit Specifications

**Complete Kit!
Compare
& Save!**



RATED CAPACITY	DIMENSIONS															
	C	H*	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4**	W5
lb/inches																
50,000-100,000 (RL75223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
25,000-40,000 (RL75040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
50,000-75,000 (RL75040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	.91	5.25	1.25	9.25	11.75
kg/millimeters																
22,679.6-45,400.00 (RL75223)	38.1	328.4	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
11,339.8-18,143.7 (RL75040A)	38.1	251.0	25.4	25.4	469.9	37.5	44.5	190.5	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45
22,679.6-34,019.4 (RL75040A)	38.1	325.6	25.4	25.4	571.5	37.5	44.5	241.3	298.5	149.4	196.9	23.1	133.4	31.8	235.0	298.45

* Custom heights available; consult Factory.

** Custom hole spacing for existing bolt patterns is available; consult Factory.

MTS COMPLETE KIT ORDER INFORMATION

Scale Capacity	Capacity Per Weigh Module	Part #	Suggested List Price
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Kits Including Weigh Modules, IQ plus 310A and TM-295

4-Module Kits:

40,000 lb (18,143.7 kg)	25,000 lb (11,339.8 kg)	30519	\$7,495.00
60,000 lb (27,215.6 kg)	40,000 lb (18,143.7 kg)	30521	\$7,995.00

6-Module Kits:

100,000 lb (45,359.4 kg)	50,000 lb (22,679.6 kg)	30523	\$11,595.00
120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg)	30525	\$11,595.00

8-Module Kits:

120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg)	30527	\$14,695.00
200,000 lb (90,718.7 kg)	75,000 lb (34,019.4 kg)	30529	\$14,695.00

Kits Including Weigh Modules, IQ plus 800 and TM-295

4-Module Kits:

60,000 lb (27,215.6 kg)	40,000 lb (18,143.7 kg)	30520	\$8,295.00
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6-Module Kits:

100,000 lb (45,359.4 kg)	50,000 lb (22,679.6 kg)	30522	\$11,895.00
120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg)	30524	\$11,895.00

8-Module Kits:

120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg)	30526	\$14,995.00
200,000 lb (90,718.7 kg)	75,000 lb (34,019.4 kg)	30528	\$14,995.00

MTS WEIGH MODULES ORDER INFORMATION

Scale Capacity	Capacity Per Weigh Module	Part #	Suggested List Price
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Kits Including Weigh Modules Only

4-Module Kits:

40,000 lb (18,143.7 kg)	25,000 lb (11,339.8 kg) ...	30513	\$5,895.00
60,000 lb (27,215.6 kg)	40,000 lb (18,143.7 kg) ...	30514	\$6,395.00

6-Module Kits:

100,000 lb (45,359.4 kg)	50,000 lb (22,679.6 kg) ...	30515	\$9,995.00
120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg) ...	30516	\$9,995.00

8-Module Kits:

120,000 lb (54,431.2 kg)	60,000 lb (27,215.6 kg) ...	30517	\$12,995.00
200,000 lb (90,718.7 kg)	75,000 lb (34,019.4 kg) ...	30518	\$12,995.00
300,000lbSD (136,078.1 kg) .	100,000 lb (45,359.4 kg) ...	30512	\$15,995.00

SD denotes Super Duty, 100,000 lb (45,359.4 kg) capacity hermetically-sealed load cells