

RL1600 HE

Medium-capacity Weigh Modules



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RL1600 HE mounting module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1600 HE kit is ideally suited for indoor and outdoor process control operations in the medium-capacity ranges. Each module incorporates self-checking capabilities for thermal expansion and contraction.



Fabricated stainless steel module with RL75016WHE double-ended beam load cell.

Standard Features

- Capacities (per module): 1,000 lb-25,000 lb (453.6 kg-11,339.8 kg)
- All stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Hermetically sealed IP66/69K protected load cells
- Double-ended shear beam design, center loaded

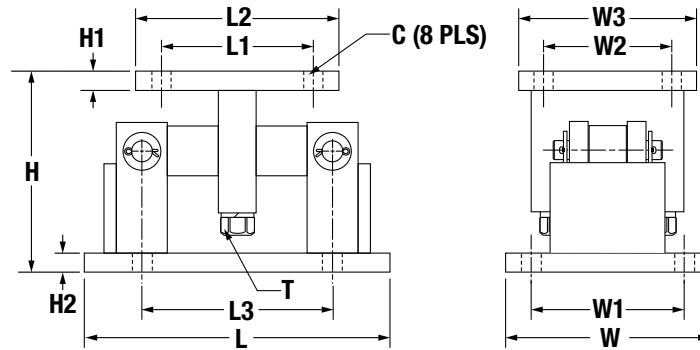
Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1600 stainless steel compression mounts
- Three or four RL75016WHE stainless steel, hermetically sealed double-ended shear beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000-5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13UNC	5.00	3.75	2.75	4.00
10,000-25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10UNC	8.00	6.00	6.00	8.00
kg/mm													
453.6-2,268.0	14.2	127.0	12.7	12.7	235.0	69.9	101.6	158.8	1/2-13UNC	127.0	95.3	69.9	101.6
4,535.9-11,339.8	19.8	199.9	19.1	19.1	304.8	152.4	203.2	190.5	3/4-10UNC	203.2	152.4	152.4	203.2

Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb / 453.6 kg	46723	\$3,895.00
1,500 lb / 680.4 kg	119673	\$3,895.00
2,000 lb / 907.2 kg	119675	\$3,895.00
2,500 lb / 1,134.0 kg	46724	\$3,895.00
5,000 lb / 2,268.0 kg	46725	\$3,895.00
10,000 lb / 4,535.9 kg	46726	\$5,495.00
15,000 lb / 6,803.9 kg	46727	\$5,495.00
20,000 lb / 9,071.9 kg	84664	\$5,495.00
25,000 lb / 11,339.8 kg	46728	\$5,495.00
4-Module Kit		
1,000 lb / 453.6 kg	46729	\$4,910.00
1,500 lb / 680.4 kg	119674	\$4,910.00
2,000 lb / 907.2 kg	119676	\$4,910.00
2,500 lb / 1,134.0 kg	46730	\$4,910.00
5,000 lb / 2,268.0 kg	46731	\$4,910.00
10,000 lb / 4,535.9 kg	46732	\$7,305.00
15,000 lb / 6,803.9 kg	46733	\$7,305.00
20,000 lb / 9,071.9 kg	84665	\$7,305.00
25,000 lb / 11,339.8 kg	46734	\$7,305.00
Single Module (Does Not Include Load Cell)		
1,000-5,000 lb / 453.6-2,268.0 kg	17813	\$565.00
10,000-25,000 lb / 4,535.9-11,339.8 kg	17815	\$1,095.00
Dummy Load Cells (Mild Steel)		
1,000-5,000 lb / 453.6-2,268.0 kg	18236	\$20.00
10,000-25,000 lb / 4,535.9-11,339.8 kg	18237	\$35.00

Shims*

Part #	Price
1,000 lb-5,000 lb	
0.0625	150852 / \$3.25
0.125	150853 / \$8.50
0.250	150854 / \$14.25
10,000 lb-25,000 lb	
0.0625	150855 / \$12.75
0.125	150856 / \$20.50
0.250	150857 / \$57.00
50,000 lb-75,000 lb	
0.0625	150858 / \$16.25
0.125	150859 / \$26.25
0.250	150861 / \$72.25

*Shims match the top plate