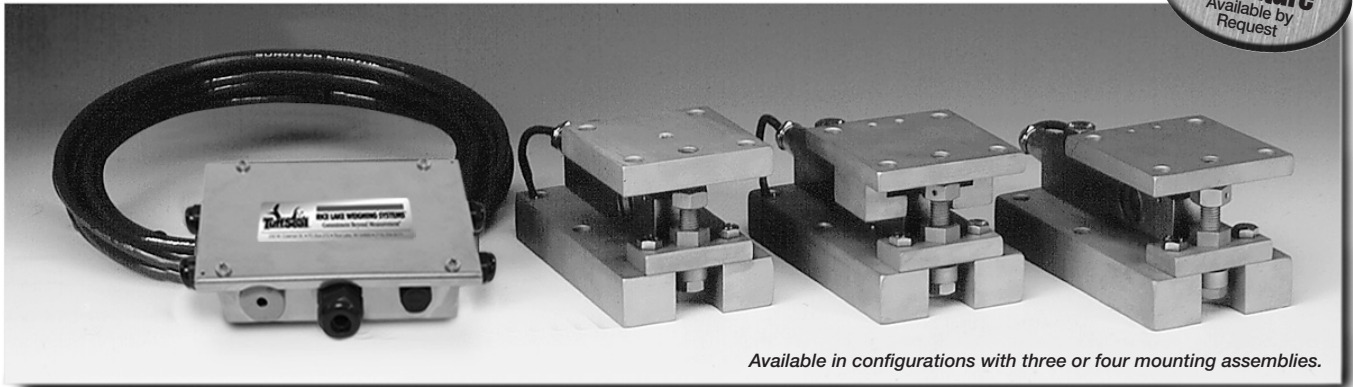


Weigh Modules • Tank and Hopper Kits

Load Cells
Now Have 30 ft
of Cable

Paramounts® EP (Environmentally-Protected Load Cells) Mild Steel, Light- to Medium-Capacity Tank Weighing Systems

Color
Literature
Available by
Request



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

Weigh Modules

The Paramounts EP system offers all the design advantages of the Paramounts system in applications where the extensive sealing of the SB4 load cell is not necessary. Paramounts EP provides a low-cost alternative for the superior mechanical loading system found in the standard Paramounts. Economy and performance are in one complete weighing system.

Load Cell Certifications:



Complete Kit Includes:

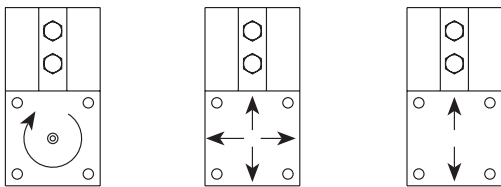
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 1 fixed-pin module, 1 side-stop module, and 1 or 2 free-sliding assemblies. Each module is complete with a Flintec SB5 NTEP-certified 1:5000d, Class III, stainless steel environmentally-protected load cell (see page 211)
- 30' of our Hostile Environment EL147HE SURVIVOR® load cell cable

APPLICATIONS:

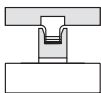
- Light- to medium-capacity tanks and hoppers
- High-vibration mixers and blenders
- Process measurement and control

STANDARD FEATURES:

- Capacities (per module): 1125-22,500 lb (1 kN/102.1 kg-100 kN/10,205.9 kg)
- NTEP-certified load cells
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on Teflon®-coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$ allowing replacement without further calibration



A: FIXED PIN



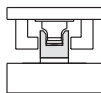
Fixed-Pin Mount

B: FREE SLIDING



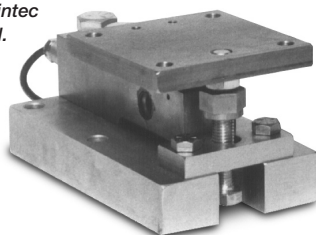
Free-Sliding Mount

C: SIDE STOP



Side-Stop Mount

Free-Sliding Module with Flintec SB5 bending beam load cell. Refer to page 211 for load cell specifications.



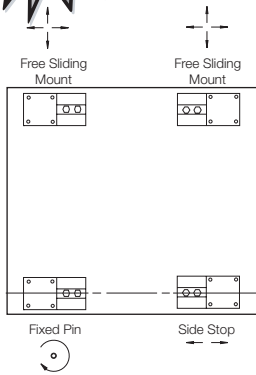
www.ricelake.com/loadcells

USA: 800-472-6703 • CANADA/MEXICO: 800-321-6703 • INTERNATIONAL: 715-234-9171

**Load Cells
Now Have 30 ft
of Cable**

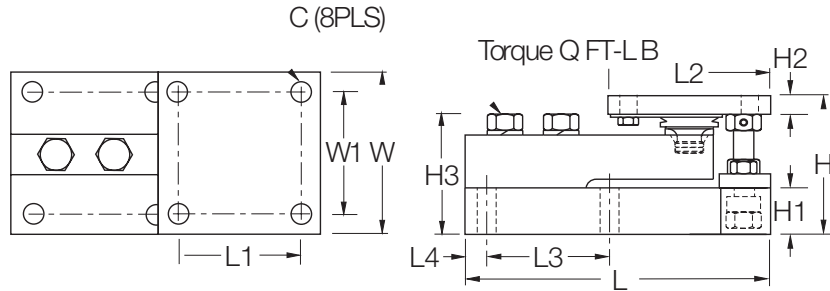
Paramounts EP Specifications

**Complete Kit!
Compare
& Save!**



VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures that there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.



RATED CAPACITY	DIMENSIONS											Q (FT-LB)		
	C	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4		W	W1
lb/inches														
1125-4500 (5-23 kN†)	.437	3.58	1.25	.50	.75	3.06	7.51	3.00	4.00	3.00	.50	4.00	3.00	65
11,250 (50 kN†)	.562	4.66	1.50	.62	1.00	4.09	9.19	3.87	5.00	3.87	.56	5.00	3.87	295
22,500 (100 kN†)	.688	6.41	2.00	.75	1.25	5.73	11.46	4.75	6.00	4.75	.69	6.00	4.75	515
kg/mm														
510.8-2041	11.1	90.9	31.8	12.7	19.1	77.7	190.8	76.2	101.6	76.2	12.7	101.6	76.2	
5107.5	14.3	118.4	38.1	15.7	25.4	103.9	233.4	98.3	127.0	98.3	14.2	127.0	98.3	
10,215.0	17.5	162.8	50.8	19.1	31.8	145.5	291.1	120.7	152.4	120.7	17.5	152.4	120.7	

PARAMOUNTS EP MILD STEEL ORDER INFORMATION

Load Rating (Per Module)	Part #	Price
NTEP 3-Module Kits		
1125 lb (5 kN†/510.8 kg).....	33683.....	\$2,175.00
2250 lb (10 kN†/1021.5 kg).....	33682.....	\$2,175.00
4500 lb (20 kN†/2041.2 kg).....	33681.....	\$2,175.00
11,250 lb (50 kN†/5107.5 kg).....	33680.....	\$2,495.00
NTEP 4-Module Kits		
1125 lb (5 kN†/510.8 kg).....	33678.....	\$2,900.00
2250 lb (10 kN†/1021.5 kg).....	33677.....	\$2,900.00
4500 lb (20 kN†/2041.2 kg).....	33676.....	\$2,900.00
11,250 lb (50 kN†/5107.5 kg).....	33675.....	\$3,695.00
Non-NTEP 3-Module Kit		
22,500 lb (100 kN†/10,205.8 kg)	33679.....	\$3,975.00
Non-NTEP 4-Module Kit		
22,500 lb (100 kN†/10,215.0 kg)	33674.....	\$4,900.00

* Side Stop and Free Sliding Units

** Fixed Pin Units

† kN = Kilonewtons 1 kN = 224.8089 lb

Weigh Modules