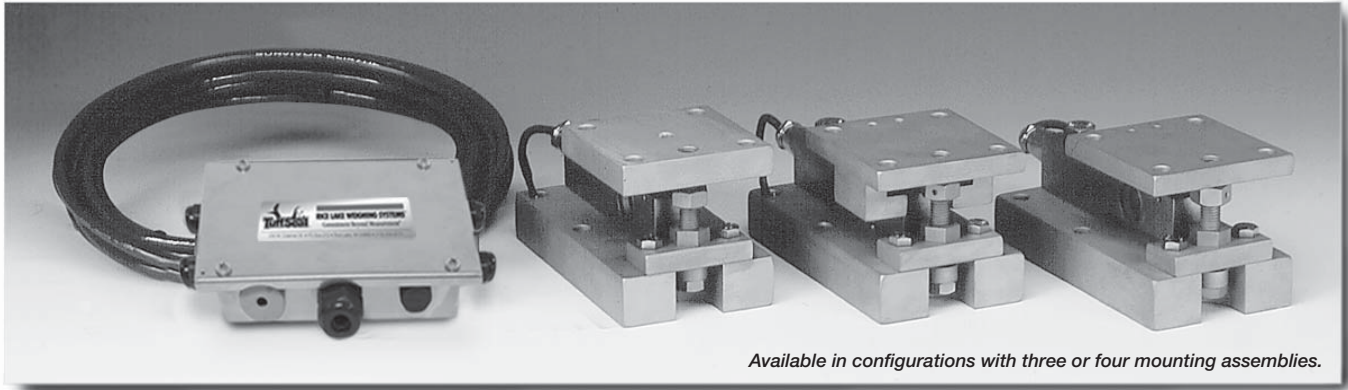


# Weigh Modules • Tank and Hopper Kits



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



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:

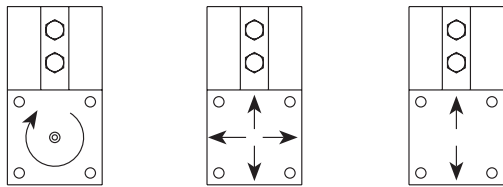
- 1 JB4SS NEMA 4X stainless steel signal trim junction box
- 1 fixed-pin module, 1 side-stop module, and 1 or 2 free-sliding assemblies. Each module is complete with a Flintec SB5 NTEP-certified 1:5000d, Class III, stainless steel environmentally-protected load cell (see page 209)
- 25' of our Hostile Environment EL147HE SURVIVOR® load cell cable

#### APPLICATIONS:

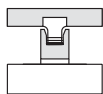
- Light- to medium-capacity tanks and hoppers
- High-vibration mixers and blenders
- Process measurement and control

#### 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  $\pm .07\%$  allowing replacement without further calibration

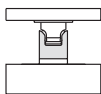


A: FIXED PIN



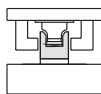
Fixed-Pin Mount

B: FREE SLIDING



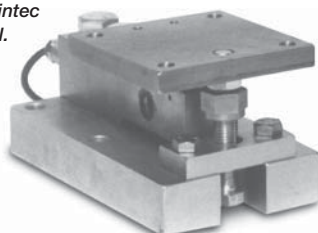
Free-Sliding Mount

C: SIDE STOP



Side-Stop Mount

Free-Sliding Module with Flintec SB5 bending beam load cell. Refer to page 209 for load cell specifications.

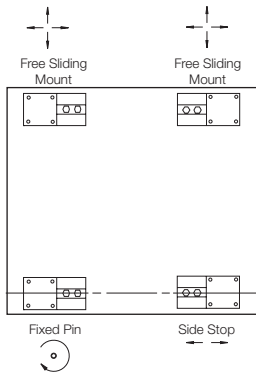


**Advanced Weigh Technologies, Inc**

Quality Scales and Weighing Systems

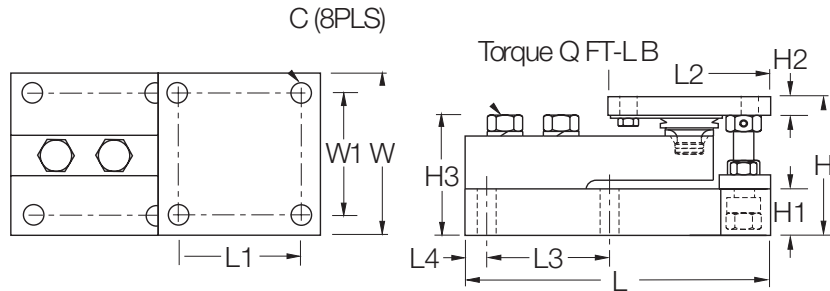
# Paramounts EP Specifications

**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	C	H	DIMENSIONS							L1	L2	L3	L4	W	W1	Q (FT-LB)
			H1	*H2	**H2	H3	L	W	W1							
<b>lb/inches</b>																
1125-4500 (5-23 kN <sup>†</sup> )	.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 <sup>†</sup> )	.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 <sup>†</sup> )	.688	6.41	2.00	.75	1.25	5.73	11.46	4.75	6.00	4.75	.69	6.00	4.75	515		
<b>kg/mm</b>																
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			

Weigh Modules

## PARAMOUNTS EP MILD STEEL ORDER INFORMATION

Load Rating (Per Module)	Part #
<b>NTEP 3-Module Kits</b>	
1125 lb (5 kN <sup>†</sup> /510.8 kg).....	33683
2250 lb (10 kN <sup>†</sup> /1021.5 kg).....	33682
4500 lb (20 kN <sup>†</sup> /2041.2 kg).....	33681
11,250 lb (50 kN <sup>†</sup> /5107.5 kg).....	33680
<b>NTEP 4-Module Kits</b>	
1125 lb (5 kN <sup>†</sup> /510.8 kg).....	33678
2250 lb (10 kN <sup>†</sup> /1021.5 kg).....	33677
4500 lb (20 kN <sup>†</sup> /2041.2 kg).....	33676
11,250 lb (50 kN <sup>†</sup> /5107.5 kg).....	33675
<b>Non-NTEP 3-Module Kit</b>	
22,500 lb (100 kN <sup>†</sup> /10,205.8 kg)	33679
<b>Non-NTEP 4-Module Kit</b>	
22,500 lb (100 kN <sup>†</sup> /10,215.0 kg)	33674

<sup>†</sup> Side Stop and Free Sliding units  
<sup>\*\*</sup> Fixed Pin units  
<sup>†</sup> kN = Kilonewtons 1 kN = 224.8089 lb

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