

Weigh Modules

RL8500 HE Stainless Steel, Hermetically Sealed, Rice Lake



This new innovative mounting assembly incorporates the load cell and mount into the same piece of hardware. The result is an extremely rugged, low-profile assembly that is capable of operating with very high performance levels in the worst of environmental conditions. This assembly is manufactured from stainless steel, and is hermetically sealed to prevent moisture intrusion. Since there is no bulky mounting hardware to deal with, the installation of the product is quick and easy. Additional features include 300% overload capabilities, and a field replaceable, stainless steel braided cable assembly. The standard cable length is 25' (7.6m), but the product can be supplied with varying lengths of cable depending upon the application. Available in capacities from 10,000 to 60,000lb (4535.9 to 27,216.0kg), this product is sure to have a big impact in the marketplace.



APPLICATIONS:

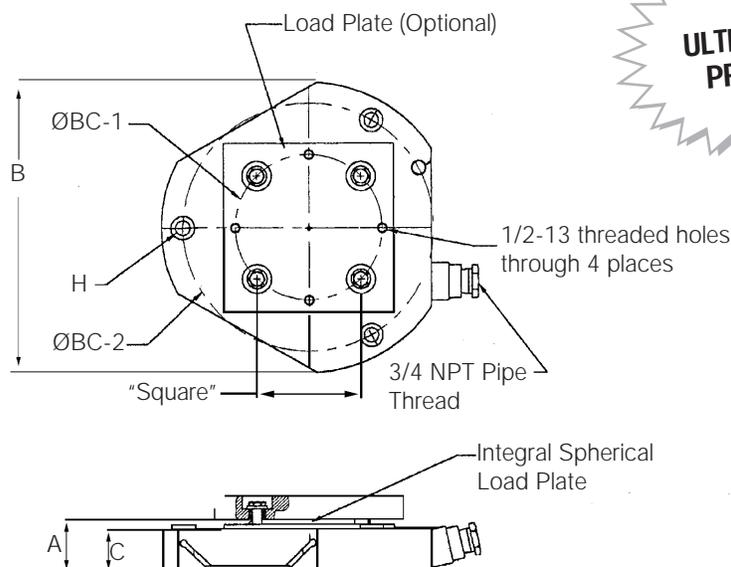
- Heavy-capacity tanks, blenders, bins and hoppers
- Chemical blending/batching and mixing

STANDARD FEATURES:

- Capacities from 10,000-60,000 lb
- Stainless steel
- Hermetically sealed
- Moment corrected
- Low profile
- 300% compression overload protection
- Easy installation
- Field-replaceable, stainless steel overbraid cable
- IP66/68

RL8500HE Specifications

**Unique
One-Piece
Design**



**ULTRA LOW
PROFILE**

Weigh Modules

RATED CAPACITY	DIMENSIONS						
	A	B	C	SQUARE	BC-1	BC-2	H
lb/inches							
10,000-30,000	2.185	12.00	1.74	4.00	5.66	10.25	.781
50,000-60,000	2.750	15.50	2.25	5.50	7.76	13.30	.781
kg/millimeters							
4535.9-13,607.8	55.5	304.8	44.2	101.6	143.8	260.4	19.8
22,679.6-27,215.5	69.9	393.7	57.2	139.7	197.1	337.8	19.8

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	1000 ohms, nominal with voltage applied
Material/Finish:	Stainless steel
Temperature:	Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload:	300% Full scale
Safe Sideload:	200% Full scale
Rated Excitation:	10V DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.03% Full scale
Insulation Resistance:	1000 megohms
Seal Type:	Hermetically sealed, IP66/68
Cable Length:	25' (7.6m) Stainless steel overbraid
Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Warranty:	2 years

RL8500HE ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL8500HE		
10,000 lb (4535.9kg)	53346	\$2,195.00
15,000 lb (6803.9kg)	53347	\$2,195.00
20,000 lb (9071.9kg)	53348	\$2,195.00
25,000 lb (11,339.8kg)	53349	\$2,195.00
30,000 lb (13,607.8kg)	53350	\$2,195.00
50,000 lb (22,679.6kg)	53351	\$2,195.00
60,000 lb (27,215.5kg)	53352	\$2,195.00
Replacement Cable	63121	\$125.00

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice