



# COIL SCALES

**LOADMASTER** SERIES CS



### General

The Loadmaster Series "CS" is a high-capacity, platform scale designed specifically for overhead shock loading.

Typical applications include shipping/receiving of steel coils, check weighing of large casting, and charge loading in steel mills to name a few.

### Construction

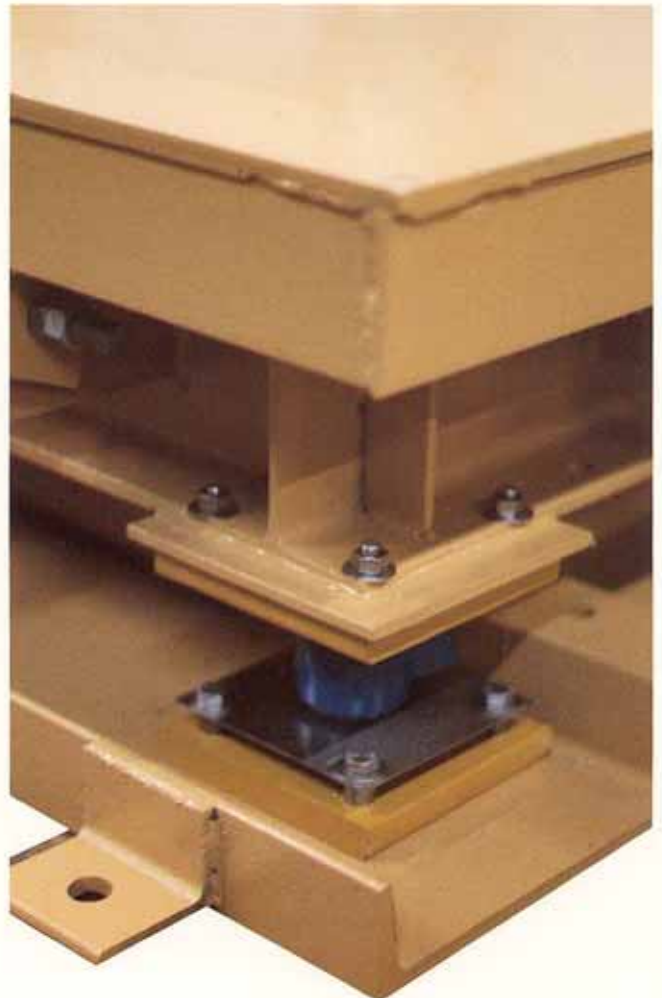
This scale is built to last. The bridge is designed with heavy, wide-flange beams welded solid to a thick deck plate.

As a standard, the scale is primed with a high quality zinc chromate and finish coated with a durable enamel.

Optional finishes:

1. Two-part epoxy paint
2. Hot-dip galvanizing

As with all Loadmaster scales, this one is designed to withstand the environment. Load cells are hermetically sealed for the ultimate in protection to the most critical component in any system. The junction box is of a NEMA 4 rating and constructed of steel so it will maintain that rating with the abuse typical in so many applications.





The checking system is the same basic design used by our high capacity vehicle scales. Crane operators have been known to hit a scale from the side and, in most cases, the scale has been left completely intact and operational.

The load cells carry an ultimate overload rate of 400%. They are further protected by a shock absorbing Fabrica pad installed between the bridge structure and the load cell bearing plate. The load cell mount utilizes a double button "floating" arrangement which insures accurate loading as well as providing protection against any possible side loads.

### **Installation**

Installation can be as simple as uncrating, plugging indicator in and using scale. This simplicity is possible because of the self-contained design. All critical alignments and adjustments are factory set to exacting standards. Scale can be left portable, permanently lagged to floor or optionally equipped for pit installation.



### **Miscellaneous**

Optional mounting fixtures available including cradles and custom brackets. Accuracy will be as set forth in NBS Handbook 44, Class II L.

All Loadmaster products are warranted against manufacturing defects for a period of one (1) year.

PART NUMBER	CAPACITY	LOAD CELL	DIMENSIONS			SHIPPING WEIGHT
			HEIGHT	WIDTH	LENGTH	
134-4301-	30,000#	25,000#	18"	4'	4'	1,200#
-4302-					5'	1,400#
-4303-					6'	1,700#
-4304-				5'	5'	1,800#
-4305-					6'	2,100#
-4306-					7'	2,400#
-4307-				6'	6'	2,500#
-4308-					7'	2,600#
-4309-					8'	2,700#
-4601-	60,000#	50,000#	20"	6'	6'	2,500#
-4603-					7'	2,600#
-4604-					8'	2,700#
-4602-				7'	7'	2,800#
-4605-					8'	3,200#
-4606-					9'	3,600#
-4607-				8'	8'	3,800#
-4608-					9'	4,400#
-4609-					10'	4,800#
-5101-	120,000#	100,000#	26"	8'	8'	4,200#
-5102-					9'	4,800#
-5103-					10'	5,300#
-5104-				9'	9'	5,400#
-5105-					10'	6,000#
-5106-					11'	6,600#
-5107-				10'	10'	6,700#
-5108-					11'	7,300#
-5109-					12'	8,000#

- 0 Standard Painted Steel
- 2 Hot Dip Galvanized
- 3 2-Part Epoxy Paint

Part Number Example:

134-4602-2 is a 60,000# Coil Scale, 7'x7', with a Hot Dip Galvanized Finish

Custom sizes are available and in most cases, carry no additional engineering charges.



**LOADMASTER**  
SCALE MFG.