

# Load Cell Kits and Ball Pivot Stands

## High-Capacity Truck and Tank Assembly

The high-capacity load cell suspension assembly furnishes high performance in a variety of medium to heavy capacity truck, tank or hopper scales. This unique load cell mount also eliminates the need for check rods or expansion assemblies, and is supplied with quick connections for easy installation and removal.



Load Cell Certificate of Conformance Number 97-133

## High-Capacity Truck and Tank Assembly

Model	No. of Assemblies	Parts Included	System Capacity
THBC50K-4	4	1 J-Box	60 ton
THBC50K-6	6	1 J-Box, 1 Section Seal Box	80 ton
THBC50K-8	8	1 J-Box, 1 Trim Box, 1 Section Seal Box	120 ton

Stainless steel DB-5000S load cell, load cell stand, double link suspension, and 35' cable.

## Electronic Tank Scale Systems SB Load Cells

Cardinal's floor mounted load cell kits are ideal for any tank or hopper with legs for floor mounting. These load cell kits are ideal for new installations or for conversion. Each kit comes complete with load cells, tank mounting hardware, load cell cable and a junction box. The stainless steel load cells are hermetically sealed and are waterproof. It is recommended for safety that structures have safety chains installed on them. They come with a full two year guarantee against defects of material and workmanship.



Load Cell Certificate of Conformance Number 87-059

### 3 Cells - Mild Steel

Model	Cell Capacity	System Capacity	Ship Weight
THBC2.5-3	2,500 lb/1,135 kg	7,500 lb/3,405 kg	120 lb
THBC5-3	5,000 lb/2,270 kg	15,000 lb/6,810 kg	120 lb
THBC10-3	10,000 lb/4,535 kg	30,000 lb/13,605 kg	180 lb
THBC20-3	20,000 lb/9,070 kg	60,000 lb/27,210 kg	190 lb

### 3 Cells - Stainless Steel

Model	Cell Capacity	System Capacity	Ship Weight
THBCS2.5-3	2,500 lb/1,135 kg	7,500 lb/3,405 kg	120 lb
THBCS5-3	5,000 lb/2,270 kg	15,000 lb/6,810 kg	120 lb
THBCS10-3	10,000 lb/4,535 kg	30,000 lb/13,605 kg	180 lb
THBCS20-3	20,000 lb/9,070 kg	60,000 lb/27,210 kg	190 lb

### 4 Cells - Mild Steel

Model	Cell Capacity	System Capacity	Ship Weight
THBC2.5-4	2,500 lb/1,135 kg	10,000 lb/4,540 kg	160 lb
THBC5-4	5,000 lb/2,270 kg	20,000 lb/9,080 kg	160 lb
THBC10-4	10,000 lb/4,535 kg	40,000 lb/18,140 kg	240 lb
THBC20-4	20,000 lb/9,070 kg	80,000 lb/36,280 kg	250 lb

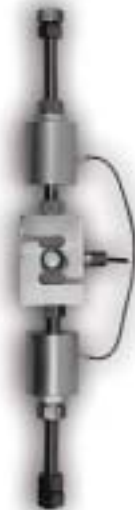
### 4 Cells - Stainless Steel

Model	Cell Capacity	System Capacity	Ship Weight
THBCS2.5-4	2,500 lb/1,135 kg	10,000 lb/4,540 kg	160 lb
THBCS5-4	5,000 lb/2,270 kg	20,000 lb/9,080 kg	160 lb
THBCS10-4	10,000 lb/4,535 kg	40,000 lb/18,140 kg	240 lb
THBCS20-4	20,000 lb/9,070 kg	80,000 lb/36,280 kg	250 lb

Kits consist of either 3 or 4 self-checking stand assemblies, 3 or 4 SB series stainless or mild steel stands and 1 stainless steel NEMA 4 junction box.

## Tension Application Assemblies ZX Load Cells

Cardinal's tension load cells kits are ideal for suspension hopper applications whether it's new or an existing one. Each kit comes complete with either 3 or 4 load cells, necessary linkage, load cell cable and a junction box for a swift, easy installation. Stainless steel load cells are sealed for water protection and are supplied with rod ends that are equipped with Teflon isolators for lightning protection. Guaranteed for two full years.



Load Cell Certificate of Conformance Number 92-192

### 3 Suspension Cells

Model	Cell Capacity	System Capacity	Ship Weight
THTC250-3	250 lb/115 kg	750 lb/345 kg	30 lb
THTC500-3	500 lb/225 kg	1,500 lb/675 kg	36 lb
THTC5-3	5,000 lb/2,270 kg	15,000 lb/6,810 kg	69 lb
THTC10-3	10,000 lb/4,535 kg	30,000 lb/13,605 kg	75 lb
THTC20-3	20,000 lb/9,070 kg	60,000 lb/27,210 kg	165 lb

### 4 Suspension Cells

Model	Cell Capacity	System Capacity	Ship Weight
THTC250-4	250 lb/115 kg	1,000 lb/460 kg	35 lb
THTC500-4	500 lb/225 kg	2,000 lb/900 kg	42 lb
THTC5-4	5,000 lb/2,270 kg	20,000 lb/9,080 kg	87 lb
THTC10-4	10,000 lb/4,535 kg	40,000 lb/18,140 kg	95 lb
THTC20-4	20,000 lb/9,070 kg	80,000 lb/36,280 kg	215 lb

Kits consist of either 3 or 4 ZX stainless steel tension load cells with 2A mild steel assemblies and 1 stainless steel NEMA 4 junction box.