

## SURVIVOR® FB Series Electronic Flexure Base Floor Scale



(SEE CHART ON BACK OF PAGE FOR PART #'S)

The SURVIVOR FB features a unique flexure design that transmits all force via stainless steel flexures. The load is transferred from the levers to the load cell by a wire rope assembly, resulting in greater stability, increased weight accuracy and a base that is more resistant to shock-loads and vibration.

The FB base utilizes "through pivot head loading." This exclusive Rice Lake Weighing Systems feature loads the flexures for optimal signal sensitivity and places the load tubes well into the base corners to prevent deck tipping.

Setup can be accomplished in a matter of minutes by simply backing off six bolts and connecting the load cell cable to your meter. The SURVIVOR FB can be used with any Rice Lake Weighing Systems indicator.

### Applications

- Industrial processing
- Heavy-duty weighing
- Pallet weighing
- Shipping and receiving

### Standard Features

- One S-type, double-plated load cell
- Rugged all-steel construction
- Unique flexure design filters motion and shock loading
- Stainless steel flexures
- NTEP certified

### Options/Accessories

19352 ..... Floor stand for indicator, suitable for IQ plus® 310A, IQ700, UMC444 & UMC555

16940 ..... Additional operating manual

#### *Fork Lift Skid with fixed pedestals:*

18747 ..... FBP48, 48" (1219.2mm) wide

18748 ..... FBP60, 60" (1524.0mm) wide

18749 ..... FBP72, 72" (1828.8mm) wide

18750 ..... FBP84, 84" (2133.6mm) wide

#### *Consult factory for additional options:*

- Hot dipped galvanized coating
- Stainless steel construction
- Stainless steel load cell
- Special sizes, heights and capacities available upon request

**APPROVALS:**

NTEP certified, CC# 91-138, Class III 5000d

**ELECTRICAL:**

EXCITATION: 10 VDC - 15 VDC max  
 NONLINEARITY: .03% FS  
 HYSTERESIS: .02% FS  
 BRIDGE RESISTANCE: 350 ohms  
 OUTPUT: 3.0 mV/V

**LOAD CELL CONSTRUCTION:**

High-alloy tool steel, double plated chrome over nickel

**END LOADING CAPACITY:**

100% of scale capacity

**SAFE OVERLOAD CAPACITY:**

150% of scale capacity

**WARRANTY:**

Two year limited warranty

**DIMENSIONS**

FXB BASES	PART #	CAPACITY LB (KG)	L x W x H INCHES	SHIP WT LB
FB2424-500 .....	18696 .....	500 lb (250 kg) .....	24" x 24" x 7.25" .....	180 lb
FB2424-1000 .....	18697 .....	1000 lb (500 kg) .....	24" x 24" x 7.25" .....	180 lb
FB3030-1000 .....	18728 .....	1000 lb (500 kg) .....	30" x 30" x 7.25" .....	215 lb
* FB3030-2000 .....	18733 .....	2000 lb (1000 kg) .....	30" x 30" x 8.25" .....	232 lb
FB3030-5000 .....	18730 .....	5000 lb (2500 kg) .....	30" x 30" x 8.00" .....	225 lb
* FB3636-3000 .....	18698 .....	3000 lb (1500 kg) .....	36" x 36" x 8.25" .....	275 lb
FB4848-3000 .....	18732 .....	3000 lb (1500 kg) .....	48" x 48" x 8.00" .....	740 lb
* FB4848-5000 .....	18699 .....	5000 lb (2500 kg) .....	48" x 48" x 8.00" .....	740 lb
* FB4848-10,000 .....	18700 .....	10,000 lb (5000 kg) .....	48" x 48" x 10.00" .....	770 lb
* FB4848-20,000 .....	18701 .....	20,000 lb (10,000 kg) .....	48" x 48" x 13.50" .....	1175 lb
* FB4860-5000 .....	18702 .....	5000 lb (2500 kg) .....	48" x 60" x 10.00" .....	850 lb
* FB4860-10,000 .....	18703 .....	10,000 lb (5000 kg) .....	48" x 60" x 10.00" .....	888 lb
* FB4860-20,000 .....	18704 .....	20,000 lb (10,000 kg) .....	48" x 60" x 13.50" .....	1300 lb
* FB4872-5000 .....	18705 .....	5000 lb (2500 kg) .....	48" x 72" x 11.25" .....	1275 lb
* FB4872-10,000 .....	18706 .....	10,000 lb (5000 kg) .....	48" x 72" x 11.25" .....	1325 lb
* FB6060-5000 .....	18708 .....	5000 lb (2500 kg) .....	60" x 60" x 10.00" .....	1025 lb
* FB6060-10,000 .....	18709 .....	10,000 lb (5000 kg) .....	60" x 60" x 10.00" .....	1045 lb
* FB6060-20,000 .....	18710 .....	20,000 lb (10,000 kg) .....	60" x 60" x 13.50" .....	1400 lb
* FB6072-20,000 .....	18712 .....	20,000 lb (10,000 kg) .....	60" x 72" x 13.50" .....	1575 lb
* FB6084-10,000 .....	18713 .....	10,000 lb (5000 kg) .....	60" x 84" x 11.25" .....	1600 lb
* FB6084-20,000 .....	18714 .....	20,000 lb (10,000 kg) .....	60" x 84" x 13.50" .....	1850 lb
FB7272-30,000 .....	18717 .....	30,000 lb (15,000 kg) .....	72" x 72" x 17.75" .....	2000 lb
FB8484-30,000 .....	18722 .....	30,000 lb (15,000 kg) .....	84" x 84" x 15.50" .....	2900 lb
FB96120-30,000 .....	18727 .....	30,000 lb (15,000 kg) .....	96" x 120" x 19.75" .....	4700 lb

\* NTEP certified

**FORK LIFT SKID WITH FIXED PEDESTALS**

PART #	WIDTH IN (MM)	SHIP WT LB (KG)
18747 .....	48" (1219.2mm) .....	52 lb (23.6 kg)
18748 .....	60" (1524.0mm) .....	64 lb (29.1 kg)
18749 .....	72" (1828.8mm) .....	75 lb (34.1 kg)
18750 .....	84" (2133.6mm) .....	86 lb (39.0 kg)