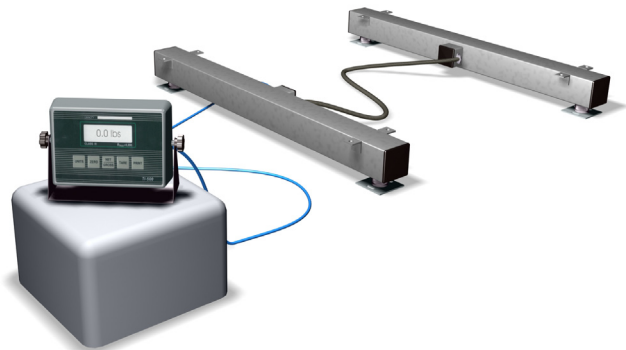


Livestock Scale Load Beams

Loadbeam digital scales are heavy-duty electronic weigh scales, available in 2,500, 5,000, or 10,000 lb. capacities. They are an excellent choice for do-it-yourself weigh platforms. The scale system is capable of 1/10 percent accuracy, and can be used in operating temperatures of -40 to +80 degrees C.

These superior loadbeams are galvanized to ensure consistent and accurate readings in even the most rugged outdoor installations. There are no moving parts to wear out, and no costly maintenance. The Loadbeams utilize four GN100 shearbeam loadcells that are an industry standard and are interconnected by rodent proof cabling.



Loadbeams being used under a cattle squeeze



Performance Specifications:

| | |
|---------------------|-----------------------------------|
| Capacities: | 2500lbs, 5000lbs, 10,000lbs |
| Safe overload | 200% FS |
| Ultimate overload | 400% FS |
| Accuracy | 0.1% FS nominal |
| Graduation | 1lb (5,000lbs) 2lb (10,000lbs) |
| Material | Enclosed High Strength Steel |
| | Heavy Duty Galvanized |
| | liquid tight interconnect conduit |
| Sealing Standard | IP-66: totally protected from |
| | dust; protected from strong jets |
| | of water |
| Power | From wired load cell indicator |
| Temperature range | -40°C to + 80°C (operating), |
| | -10°C to +57°C (compensated) |
| Full Scale Output | 3mv/V ± .25% |
| Maximum Excitation | 15 VDC |
| Non-Linearity | <0.03% FS |
| Hysteresis | <0.02% FS |
| Non-Repeatability | <0.01% FS |
| Thermal Sens. Shift | 0.0008% of reading/°F |
| Thermal Zero Shift | 0.0015% FS/°F |
| Barometric Effect | NIL |
| Bridge Resistance | 350 ohms |

The Floating Foot ensures accuracy and reliability. The units are calibrated and balanced at the factory, eliminating the need for an installation technician. Install the scale, press the Zero button, and you're ready to weigh. This also allows you to compensate for manure, mud, or snow build-up on the scale surface.

