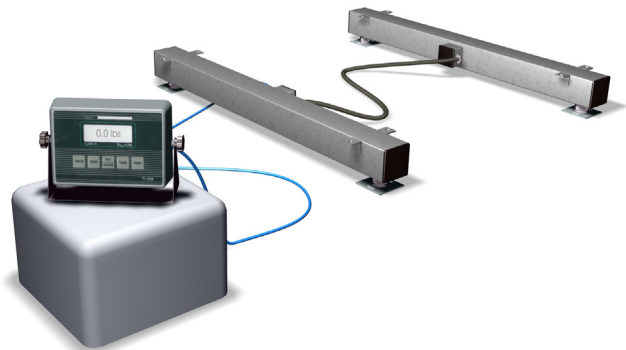


Livestock Scale Load Beams

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.

