

Bench Platforms



Model 2020 X-Frame • 3500 Series OPD • 4400 Series Floating Beam



Models 4400 and 4500 • Model 4503 • Model 4700



Bench Platforms



High performance legal for trade weighing solutions

Virtually every product in the world is weighed at one point. Whether a weigh scale is needed for processing, or shipping and receiving, diverse products and processes have created the need for choices. GSE offers an extensive selection of precision bench scales that are designed to accommodate a wide range of applications and provide years of reliable service.



Instruments designed for adaptability

To complement the extensive line of bench platforms, GSE offers a wide range of legal for trade instruments. Many unique features allow adaptation of the weighing system to the application and environment.



Model 2020 X-Frame Platform



Specifically designed for daily cleaning typically found in food processing and pharmaceutical environments, the unique X-Frame allows for easy cleanup and sanitation.

Features

- NTEP Certified legal for trade.
- 200 lb Capacity in 20"x 20"
- Innovative X-Frame design offers unsurpassed ease of cleanup and drainage for hose-directed water or solvents.
- A stainless steel shroud covers the all stainless steel construction and a stainless steel sealed load cell.

3500 Series Open Platform Design (OPD)



Intended for demanding wet environments, but at home anywhere, the OPD bench scale is ideally designed for food processing and pharmaceutical applications that require frequent cleaning. The open design allows for water and solvent drainage after cleaning.

Features

- NTEP Certified legal for trade (100, 200 lb capacities NTEP pending).
- Factory Mutual approved for use in hazardous areas.
- Open design for quick and easy cleaning.
- Overload and uplift stops protect the platform from severe handling during the cleaning process.
- Capacities from 10 to 200 lb in 10"x10", and 12"x12".
- All stainless steel construction with sealed aluminum or stainless steel load cell. Stainless steel load cell models come standard with severe washdown load cell shield.

4400 Series High Precision Floating Beam Platforms

The patented floating beam design is perfect for applications requiring a high degree of accuracy and repeatability in a production environment. An applied load generates a turning moment in the cranks and transmits these moments to the floating beam. The load sensing element, *floating beam*, is isolated from the loading surface and base; hence the term *floating*. This design is extremely accurate, durable, and ideally suited for mounting fixtures to the platform in repetitive, automated applications.

Features

- NTEP Certified legal for trade.
- Factory Mutual approved for use in hazardous areas.
- Heavy duty cast aluminum base with stainless steel shroud.
- Capacities from 20 to 2000 lb in 12"x 12", 12"x18" and 24"x24".
- Exceptional overload and impact resistance.
- Stainless steel armor protected load cell cable.



Model 4400 and 4500 Heavy Duty Bench Platform



Built for demanding environments, the Model 4400 and Model 4500 have been a reliable standard for years. The simple proven design incorporates 5 mechanical overload stops and shock absorbing load feet to provide years of accurate service.

Features

- NTEP Certified legal for trade (9"x9"x 3.5" not NTEP approved).
- Factory Mutual approved for use in hazardous areas.
- Capacities from 10 to 500 lb in 9"x9" up to 30"x30".
- Single continuous top and bottom plate designs add strength and durability.
- The Model 4400 is constructed of carbon steel, finished with a black powder coat and covered with a 304 stainless steel shroud in a #3 finish.
- The Model 4500 is constructed of all stainless steel and covered with a 304 stainless steel shroud in a #3 finish.

Model 4503 Precision Platform

The Model 4503 is ideal for rugged industrial and processing environments that require precision weighing and parts counting. Model 4503 is so durable it can survive a 300 lb overload and still return to zero and weigh accurately.

Features

- Capacities of 500 g and 1000 g
- Stainless steel 4.75" diameter loading surface.
- Durable formed steel, powder coat enclosure.



Model 4700 Industrial Bench Platform

The Model 4700 utilizes a lightweight structural casting designed with the latest FEA tools to assure years of reliable precision weighing. The durable 4700 bench scale fits well into most general industrial and processing applications that require accurate repeatable weighing.

Features

- NTEP Certified legal for trade (18x18" in 100 – 1000 lb capacities. All other sizes NTEP pending).
- Factory Mutual approved for use in hazardous areas.
- Currently available in 12"x12", 12"x18", and 18"x18" sizes.
- Platforms from 10 – 200 lb capacities are cast aluminum and covered with a stainless steel shroud.
- The 250, 500, and 1000 lb capacity platforms are cast iron and covered with a stainless steel shroud.



Specifications

FEATURES	2020 X-Frame	3500 OPD	4400 Floating Beam	4400 / 4500 HD	4503 Precision	4700 Industrial
Sizes (inches)	20"x20"	10"x10", 12"x12"	12"x12", 12"x18", 24"x24"	9"x9", 12"x12", 18"x18", 18"x24", 24"x24", 30"x30"	4.75" Diameter	12"x12", 12"x18", 18"x18"
Capacity (pounds)	200 lb	10, 20, 50, 100, 200 lb	20, 50, 100, 200, 400, 500, 1000, 2000 lb	10, 25, 50, 100, 200, 250, 500 lb	1 lb (500 g), 2 lb (1000 g)	10, 20, 50, 100, 200, 250, 500, 1000 lb
Nominal Height (inches)	4.25"	3.5"	2.7" (12"x12") 3.5" (12"x18") 6.0" (24"x24")	3.5" or 5.25"	3"	3.75" (5.25" for 250 lb – 1000 lb, 18"x18")
Cable Length to Indicator (ft)	10'	10'	9' (12"x12") 16' (12"x18") 16' (24"x24")	10'	7'	10'
Construction	Stainless Stl.	Stainless Stl.	Cast Alum. w/ Stn. Stl.	Carbon Stl. (4400) Stn. Stl. (4500)	Carbon Stl.	Cast Alum. (10 lb–200 lb) Cast Iron (250 lb–1000 lb)
Uplift Protection	N/A	Yes, 100% F.S.	Consult Factory	N/A	N/A	N/A
Output Impedance (ohms)	350	350	350	350	350	350
Rated Output (mV/V)	1	2	2	2	1	2
Maximum Overload (% F.S.)	200	200	300	200	200	200
Maximum Excitation (VDC)	10	10	10	10	10	10
Factory Mutual Approved	No	Yes	Yes	Yes	No	Yes
NTEP Certification	COC#: 05-045	COC#: 03-084	COC#: 88-190	COC#: 89-043A3	N/A	COC#: 05-058
Measurement Canada	–	–	SWA-3022	–	–	–
Approved for sale in Europe		*			*	*
OPTIONS						
Indicator Column	N/A	Yes	N/A	Yes	N/A	Yes (standard for 12"x12")
Scale Stand, Height 24"–36"	Yes	Yes	Yes	Yes	N/A	Yes
Roller Top	N/A	N/A	N/A	Yes	N/A	N/A
Ball Transfer Top	N/A	N/A	N/A	Yes	N/A	N/A
SUITABLE ENVIRONMENTS						
General Purpose	*	*	*	*	*	*
Wet – Washdown	*	*	*	*		
Dry	*	*	*	*	*	*
Outdoor – Weatherproof	*	*	*	*		
Dusty	*	*	*	*		*
F.S. Concentrated Loads			*	*	*	*
Hazardous Area Weighing		*	*	*		*



Product Line



Parts Counting



Airline Systems



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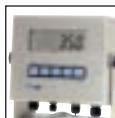
Bench Platforms



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