

# FAIRBANKS® S C A L E S



Virtually indestructible and highly accurate carbon steel weighing platforms designed for non-washdown applications in manufacturing, agriculture, warehousing and recycling. Configure the SilverBack with your analog instrument of choice to create a bench scale perfectly suited for your weighing application and budget.

**Fairbanks.com**

# SILVERBACK® INDUSTRIAL SCALE PLATFORMS

Fairbanks' SilverBack is an incredibly rugged bench scale platform designed for industrial, non-washdown weighing applications. It features a super heavy-duty carbon steel base that has the heft and stability to handle the daily rigors of industrial environments with sustained accuracy.

SilverBack platforms are a reliable and cost-effective solution for non-food grade applications in which the scale doesn't require high water ingress ratings and full stainless construction for washdown. Platforms are sold individually or can be paired with an instrument pillar and the analog instrument best suited for your weighing application.

- Industry's most durable platform design
- Compatible with any analog instrument
- Made in USA with fast lead times
- IP67 rated load cells
- Competitively priced

SilverBack platforms feature a durable brushed stainless steel shroud that simply lifts off to access the scale base.

Shock-resistant neoprene shroud supports ensure accurate loading anywhere on the platform and help protect the load cell while increasing overall stability.

High impact black powder coat paint resists abuse and corrosion.

Adjustable, rubber leveling feet provide optimal surface grip and stability for accurate weightings.

Super heavy-duty construction.

24" x 24" platform

Aluminum-alloy load cell can withstand an overload of up to 150 percent of scale capacity.

## Instrument Pillars

24" pillar



Pillars come in 12" and 24" heights and feature a stainless steel cover that easily lifts off in order to run instrument cables down to the platform connections. This feature allows cabling to be both hidden and protected.

18" x 24" platform

12" pillar



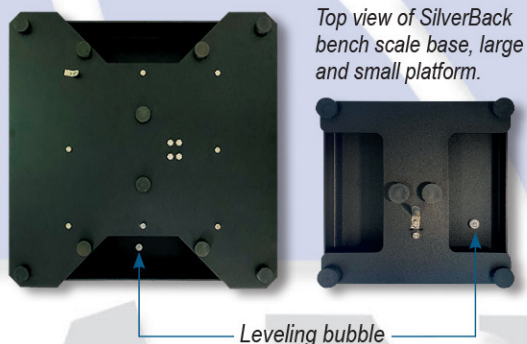
## Pillar Mounting

- The SilverBack's pillar mount is compatible with all Fairbanks instrumentation.
- Asymmetrical SilverBack platforms, such as the 12" x 16", accommodate pillar mounting along the long or short length of the scale.
- Pillars bolt securely to a SilverBack platform and instrument of choice, resulting in a stable and highly accurate benchtop weighing system.

12" x 16" platform



## ■ Rock solid construction for years of operational payback

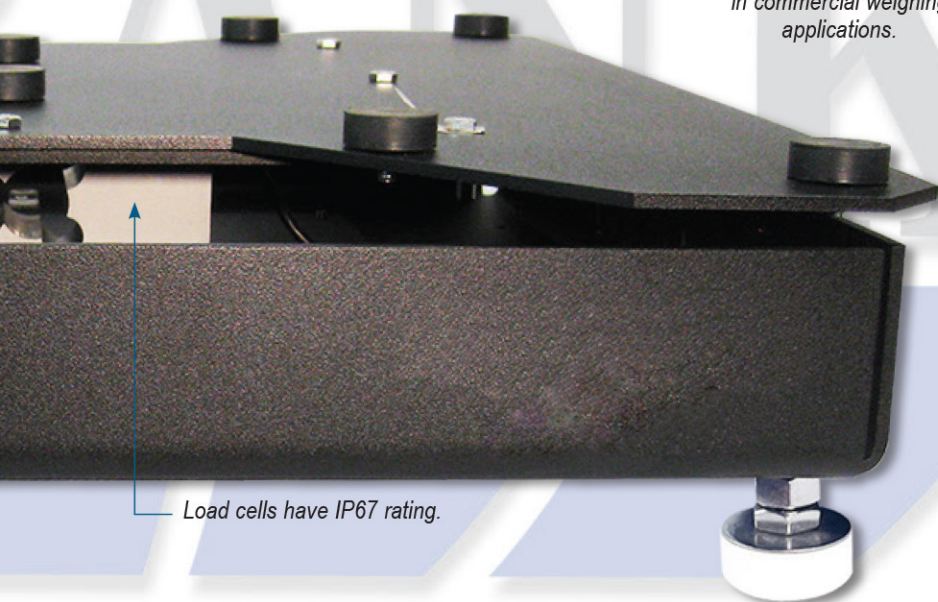


Top view of SilverBack bench scale base, large and small platform.

The SilverBack's load cell is housed between a rock solid carbon steel lower plate and hefty 4-legged "spider" top plate. This unique design isolates the cell from overloads and shocks, ensures balanced load distribution, and promotes long scale life.



NTEP and Measurement Canada approved for use in commercial weighing applications.



Load cells have IP67 rating.

## Bench Scale Stands

Sturdy stainless steel construction. Height adjustable and available in two sizes.



## Wheel Kit for 24" x 24"

The SilverBack 24" x 24" can be placed on a countertop or converted to a mobile weighing platform by adding a wheel kit accessory.



## Applications/Instrumentation

The diversity of industry presents countless non-food grade, hazardous or non-hazardous applications that require a tough industrial bench scale. Since SilverBack platforms can be paired with any analog instrument, including those produced by other manufacturers, the possibilities to create the ideal weighing solution are endless. Below you'll find the recommended Fairbanks instrument pairing for some common weighing applications.

### General Weighing/Parts Counting: FB1200, FB2255



### Checkweighing: FB1200 (Basic) NexWeigh (Advanced)



### Batching/Filling: FB7200 with Relay Box Accessory



### Automated Labeling/Data Collection: FB4000 with LabelBank Software





# SILVERBACK® INDUSTRIAL SCALE PLATFORMS

*Weighing Solutions for the World since 1830*



**Platforms come  
in 16 standard  
size/capacity  
configurations!**

**Fairbanks.com**

## SPECIFICATIONS

### Sizes/Capacities

12" x 12"	25 lb (11 kg) or 50 lb (23 kg)
12" x 16"	50 lb (23 kg) or 100 lb (45 kg)
15" x 15"	50 lb (23 kg) or 100 lb (45 kg)
16" x 18"	100 lb (45 kg)
18" x 18"	100 lb (45 kg) or 250 lb (113 kg) or 500 lb (227 kg)
18" x 24"	100 lb (45 kg) or 250 lb (113 kg) or 500 lb (227 kg)
24" x 24"	100 lb (45 kg) or 250 lb (113 kg) or 500 lb (227 kg)

Construction . . . . . Mild carbon steel base, black powder coat finish;  
Stainless steel shroud, brushed finish

Excitation voltage . . . . . 5 -15 VDC

Resolution . . . . . 5,000d (commercial)

Overload . . . . . 150% FS

### Temperature

compensation . . . . . 14° to 104° F (-10° to 40° C)

Approvals . . . . . NTEP CC# 94-100, MC# AM-5107 (100 lbs and under),  
AM-5279 (over 100 lbs), FM approved load cell

### Accessories

Instruments . . . . . SilverBack platforms are compatible with all  
Fairbanks Scales analog instruments and most  
other manufacturers' analog instrumentation.

Instrument pillars . . . . . 12" (12" x 12", 12" x 16", 15" x 15" models)  
24" (16" x 18", 18" x 18", 18" x 24", 24" x 24" models)

Bench scale stands . . . . . Adjustable-height, two sizes, stainless steel

Wheel kit . . . . . For 24" x 24" platform

### Load cell

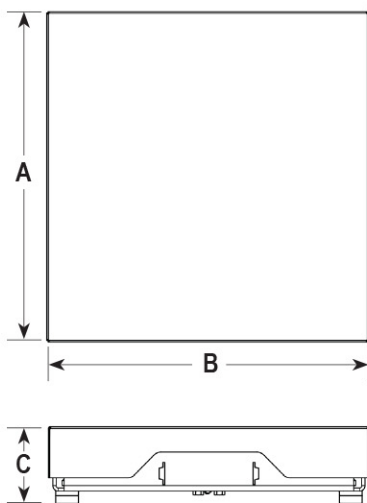
Construction . . . . . Aluminum alloy or stainless steel

Rated output . . . . . 2.0 mV/V +/- 0.2

Bridge resistance . . . . . 350 Ohm

Cable length . . . . . 10'

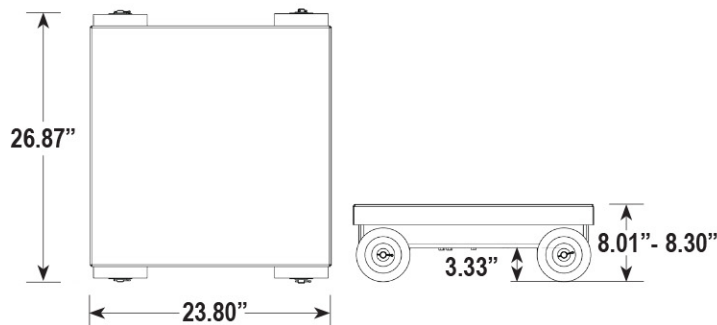
## DIMENSIONS PLATFORMS



\* For configuration versatility,  
instrument pillar mounting  
connectors are located along  
both the A and B dimension on  
asymmetrical platforms.

Platform Size	A	B	C
12" x 12"	12"	12"	3.41"
12" x 16"	16"	12"	3.66"
15" x 15"	15"	15"	3.66"
16" x 18"	18"	16"	4.29"
18" x 18" 100 lb	18"	18"	4.29"
18" x 18" 250 lb	18"	18"	4.48"
18" x 18" 500 lb	18"	18"	5.34"
18" x 24" 100 lb	18"	24"	5.09"
18" x 24" 250 lb	18"	24"	5.28"
18" x 24" 500 lb	18"	24"	5.34"
24" x 24" 100 lb & 250 lb	24"	24"	5.94"
24" x 24" 500 lb	24"	24"	6.19"

## WHEEL KIT FOR 24" X 24" PLATFORM



## INSTRUMENT PILLARS

Height (Without foot)	Depth (Mounting tabs to rear)	Width (Exterior to exterior)	Gap* (See below)
12.625"	3.25"	5.625"	1.0"
24.75"	3.25"	5.625"	0.875"

\* This measurement is the gap or space between the back edge  
of the weighing platform and the front of the pillar. The "gap"  
helps accommodate box/product placement on the platform.

Your Fairbanks Scales Authorized Representative is:

Call toll-free for the representative nearest you:

**(800) 451-4107**

Call between 8:00 a.m. - 5:00 p.m. Central Time

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