



# 10-PART SPECIFICATION

## SilverBack™ Bench Scale Platforms (Model PLB-5100)

### 1. Product Name

SilverBack™ Bench Scale Platforms

### 2. Manufacturer

Fairbanks Scales Inc.  
6800 W 64th Street  
Overland Park, KS 66202  
Phone: (800) 451-4107  
Web: www.fairbanks.com



### 3. Product Description

#### BASIC USE

SilverBack platforms are designed for industrial benchtop weighing applications that are non-washdown and non-hazardous. The scale platforms can be combined with any analog scale instrument to offer a wide range of functionality.

#### COMPOSITION & MATERIALS

The base of the SilverBack platform is made from a single sheet of bent carbon steel. An additional carbon steel "spider" plate is used to introduce the load to the load cell from the shroud. Both the base and spider plate are painted with black powder coat to prevent corrosion. The shroud is constructed from brushed stainless steel. The shroud is made from a single bent stainless steel sheet with welded corners. The load cells are aluminum construction and single-ended shear beam type cells of various capacities. Molded rubber is used for the feet of the scale as well as the shroud supports.

#### SIZES AND CAPACITIES

SilverBack platforms are available as standard product from the manufacturer in the following size and capacity combinations:

- 12" x 12", 25 lb
- 12" x 12", 50 lb
- 12" x 16", 50 lb
- 12" x 16", 100 lb
- 15" x 15", 50 lb
- 15" x 15", 100 lb
- 16" x 18", 100 lb
- 18" x 18", 100 lb
- 18" x 18", 250 lb
- 18" x 18", 500 lb
- 18" x 24", 100 lb
- 18" x 24", 250 lb
- 18" x 24", 500 lb
- 24" x 24", 100 lb
- 24" x 24", 250 lb
- 24" x 24", 500 lb

Additional combinations may be available by contacting the manufacturer.

#### ACCESSORIES

All SilverBack platforms have a compatible instrument pillar in 12" or 24" height, depending on the platform dimensions. A wheel kit is available for the 24" x 24" platform. Fairbanks also sells two unique, adjustable-height, stainless steel stands for bench scales.

### 4. Technical Data

#### APPLICABLE STANDARDS

National Type Evaluation Program:  
NTEP CC# 21-033

Measurement Canada: MC# AM-6172

### 5. Installation

#### PREPARATORY WORK

In most jurisdictions, scales must be installed and calibrated by a certified scale technician. The technician will ensure that the location for the scale is level and stable.

#### METHODS

The methods for installation will change based on the scale instrument, accessories, and mounting needs. For detailed installation methods, see manufacturer installation manuals and bulletins.

### 6. Availability & Cost

The SilverBack platforms are marketed in the United States and Canada via direct sales representatives and authorized distributors. Limited distribution is also available in Central and South America, the Middle East, and Pacific Rim. Cost information can be provided by those parties.

### 7. Warranty

The manufacturer offers limited warranties on SilverBack Bench Scale Platforms for a period of twenty-four (24) months from date of shipment. Contact manufacturer for details.

### 8. Maintenance

Maintenance can be provided by the manufacturer's service technicians or authorized distributors. Regular calibration of the scale is recommended.

Periodic cleaning of the scale may be necessary. The stainless steel shroud can be removed and sprayed for cleaning. The mild steel base and spider plate should be wiped down with a damp cloth. Do not remove the spider plate or load cell for cleaning.

### 9. Technical Services

Support, training, and documentation can be provided by the manufacturer through customer support centers or authorized distributors.

### 10. Filling Systems

- 10-Part Specification
- Additional product information is available from the manufacturer upon request.