

# DMS, DSS and DXL Scale Bases

The industry's best base line.  
Optimized for accuracy and durability.

Doran. Powering Performance.



Industrial

Food  
DSS and DXL

Washdown  
DSS and DXL

# Innovative features. Reliable performance.

Doran Scale Bases are the result of almost five decades of design experience in industrial weighing systems. Heavy-duty components, innovative features and exceptional build quality offer best-in-class protection against the damaging effects of shock and other environmental factors that can cause costly repairs and production downtime.

A range of scale base sizes in mild steel and 304 stainless meets a wide range of industrial and washdown applications. Connect the load cell output to any indicator with a column or bracket for a complete weighing system.

## KEY FEATURES ON ALL DORAN SCALE BASES:

NTEP and CWM Approved

IP66 Rated Load Cells

Two-year warranty

Optional Ball Transfer Top or Rollers

Wide selection of columns and brackets



### DMS Series MS Scale Bases

Mild Steel Construction

300% overload protection

Legal for Trade at 5,000d

#### Available in 2 sizes

18" x 18" x 5.25" Tall

24" x 24" x 5.25" Tall

Models available for 50, 100, 250, 500 and 1000 pound capacity.

### DSS Series SS Scale Bases

304 Stainless Steel Construction

300% overload protection

Legal for Trade at 5,000d

#### Available in 3 sizes

18" x 18" x 5.25" Tall

18" x 24" x 5.25" Tall

24" x 24" x 5.25" Tall

Models available for 50, 100, 250, 500 and 1000 pound capacity.

### DXL Series SS Scales Bases

304 Stainless Steel Construction

1000% overload protection

Legal for Trade at 5,000d

#### Available in 4 sizes

8" x 8" x 2" Tall

10" x 10" x 3" Tall

12" x 12" x 3" Tall

15" x 15" x 4" Tall

Models available for 2, 5, 10, 25, 50, 100 and 200 pound capacity

## DXL STAINLESS STEEL – WASHDOWN SAFE

Built with 304 stainless steel to endure heavy washdown and resist the corrosive effects of a wet environment. IP66 load cells are sealed to prevent water damage. Innovative design protects sensitive load cells from shock and static overload with industry leading 1000% overload protection. The entire platform also delivers weighing accuracy — meeting demand for precision measurements of 0.1 g to multiple load cell applications up to 200 lb.



### Best-in-class load cell protection

Doran's shock absorbing Quad-Spring is an exclusive design innovation that improves performance and durability by transferring shock overload to the frame of the scale base.

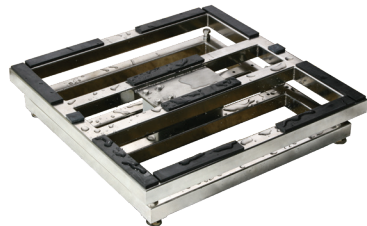
### Available with 14" column, U-bracket or attachment bracket

As shown, DXL base with Doran 7400 SS Bench Scale with 14" Column.



## DSS STAINLESS STEEL – WASHDOWN SAFE

Built to last and made to perform, with 304 stainless steel to resist the corrosive effects of a wet environment. Square tubular construction with sealed ends for food and wet environments.



### Complete washdown protection

Every component is designed to maintain performance in washdown environment. Tube ends are welded shut to be safe for food processing.

### DSS Roller Conveyor option

Stainless steel rails with Stainless Steel Ball Transfer Units. Six 1.9" diameter galvanized rollers on 3" centers. Roller weight capacity is 250lb per roller.

### Stainless Steel Load cell option

Available with 20" or 30" columns

## DMS – MILD STEEL

Built for years of reliable use, the Doran DMS Mild Steel Bases are remarkably rugged. Quality construction with a two-part polyurethane finish provides excellent wear and abrasion protection.



### DMS Roller Conveyor option

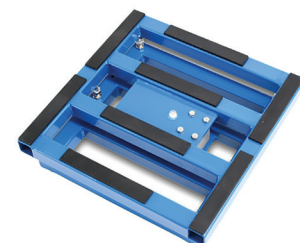
Painted mild steel rails with six 1.9" diameter galvanized rollers on 3" centers. Roller weight capacity is 250lb per roller.

### 36" Tall Painted Steel Atlas Column



### DMS Mobility Kit option

Includes four 3" diameter locking Hard Rubber swivel casters; 36" Tall painted steel column with handles and an indicator mounting plate designed for the Doran DS100 indicator as well as Doran standard digital weight indicators. Casters add 4" in height.



### High performance design

Every component is designed for support weighing accuracy, protect against damage and make the base extremely durable.



DMS SERIES | DSS SERIES | DXL SERIES

# MS Base | SS Base

## DMS SCALE BASES

<b>Construction:</b>	Two-part Polyurethane Mild Steel Platter, Base and Spider
<b>Maximum Capacities:</b>	50 lb; 100 lb; 250 lb; 500 lb; 1000 lb
<b>Dimensions:</b>	18" x 18" x 5.25" Tall 24" x 24" x 5.25" Tall
<b>Load Cell:</b>	IP66, Anodized Aluminum. 10ft cable, longer length is optional
<b>Output:</b>	2 mV/V max, full scale
<b>Overload:</b>	300% maximum; 6 overload stops
<b>Mechanical:</b>	4 Adjustable Feet, Bubble Level
<b>Certifications:</b>	NTEP and CWM
<b>Warranty:</b>	Two Years
<b>Options:</b>	Stainless Steel Platter, Mobility Kit, 36" Tall Column, Roller Conveyor Option, Ball Transfer Top

## DSS SCALE BASES

<b>Construction:</b>	304 Stainless Steel Platter, Base and Spider
<b>Maximum Capacities:</b>	50 lb; 100 lb; 250 lb; 500 lb; 1000 lb
<b>Dimensions:</b>	18" x 18" x 5.25" Tall 18" x 24" x 5.25" Tall 24" x 24" x 5.25" Tall
<b>Load Cell:</b>	IP66, Anodized Aluminum is standard, 10ft cable, longer length is optional
<b>Output:</b>	2 mV/V max, full scale
<b>Overload:</b>	300% maximum; 6 overload stops
<b>Mechanical:</b>	4 Adjustable Feet, Bubble Level
<b>Certifications:</b>	NTEP and CWM
<b>Warranty:</b>	Two Years
<b>Options:</b>	Optional Stainless Steel, 20" Tall Column, 30" Tall Column, Roller Conveyor Option, Ball Transfer Top

## DXL SCALE BASES

<b>Construction:</b>	304 Stainless Steel Platter, Base and Spider
<b>Maximum Capacities:</b>	2; 5; 10; 25; 50; 100; and 200 lb
<b>Dimensions:</b>	8" x 8" x 2" Tall 10" x 10" x 3" Tall 12" x 12" x 3" Tall 15" x 15" x 4" Tall
<b>Load Cell:</b>	IP66, Anodized Aluminum is standard 10' cable, longer length is optional

<b>Output:</b>	2 mV/V max, full scale
<b>Overload:</b>	1000% maximum; 6 overload stops
<b>Mechanical:</b>	4 Adjustable Feet, Bubble Level
<b>Certifications:</b>	NTEP and CWM
<b>Warranty:</b>	Two Years
<b>Options:</b>	Optional Stainless Steel, 14" Column, Attachment bracket



## DORAN SCALES

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Powering Performance.