

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.



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

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

DSS SCALE BASES

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

DXL SCALE BASES

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

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



DORAN SCALES

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Powering Performance.