

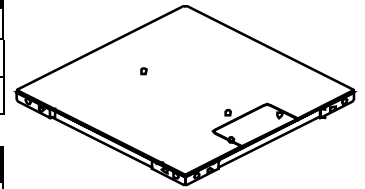
2158 VERTEX[®] Floor Scales

Mettler Toledo[®] 2158 VERTEX is a fully electronic, highly accurate low profile floor scale designed for tough industrial environments, and can either be installed on top of the floor or in a pit. The VERTEX also contains a patented rocker pin suspension, which eliminates the need for field adjustment of suspension assemblies, bumpers, or overload stops. Optional ramps can make the scale accessible from all four sides and it's low profile design minimizes operator effort when loading or unloading the scale platform. The 2158 is available in two different material types: a rugged epoxy painted mild steel or a 304 bead blasted stainless steel version.

Mild Steel Specifications	1000, 2500 lb	5,000 lb	10,000 lb	20,000 lb
Scale Sizes (ft.)	3x3, 4x4, 4x5 4x6, 5x5	3x3, 4x4, 4x5 4x6, 5x5, 5x7	4x4, 4x5, 4x6 5x5, 5x7	4x4, 4x5, 4x6 5x5, 5x7
Scale Height (in.)	3	3	3-3/8	4
Ramp Length (in.)	36 or 60	36 or 60	36 or 60	36

**Low Profile,
Highly Accurate
Floor Scale**

Stainless Steel Specifications	1000, 2500, 5000 lb	10,000 lb
Scale Sizes (ft.)	3 x 3, 4 x 4, 4 x 5, 4 x 6, 5 x 5	4 x 4, 4 x 5, 4 x 6, 5 x 5, 5 x 7
Scale Height (in.)	3	3-3/8
Ramp Length (in.)	36	36



Features	Benefits
Rocker Pin Suspension	■ Scale is self-aligning and self-centering, so that only vertical forces are transmitted to the load cell
Versatile	■ Wide choice of standard sizes and accessories to fit the scale to your needs
Optional Stainless Steel	■ Washdown Safe; ideal for corrosive environments
NEMA 4X Stainless Steel Junction Box	■ Extra protection for harsh environments
Rugged Industrial Construction	■ 100% End loading, ideal for concentrated loads such as forklifts ■ Mechanical overload stops integral to each load cell assembly (1,000 - 5,000 lb scale capacities only)
Stainless Steel/Hermetically Sealed Load Cells*	■ Provides maximum protection in harsh environments
Hazardous Area Approval	■ Factory Mutual Approved Load Cell when used with Mettler Toledo Intrinsically Safe Instruments.
NTEP Certified for Class III, 5000d Standards (COC# 91-097)	■ Legal-for-Trade applications

Capacity
1,000 lb
2,500 lb
5,000 lb
10,000 lb
20,000 lb



*All capacities except 1,000 lb.

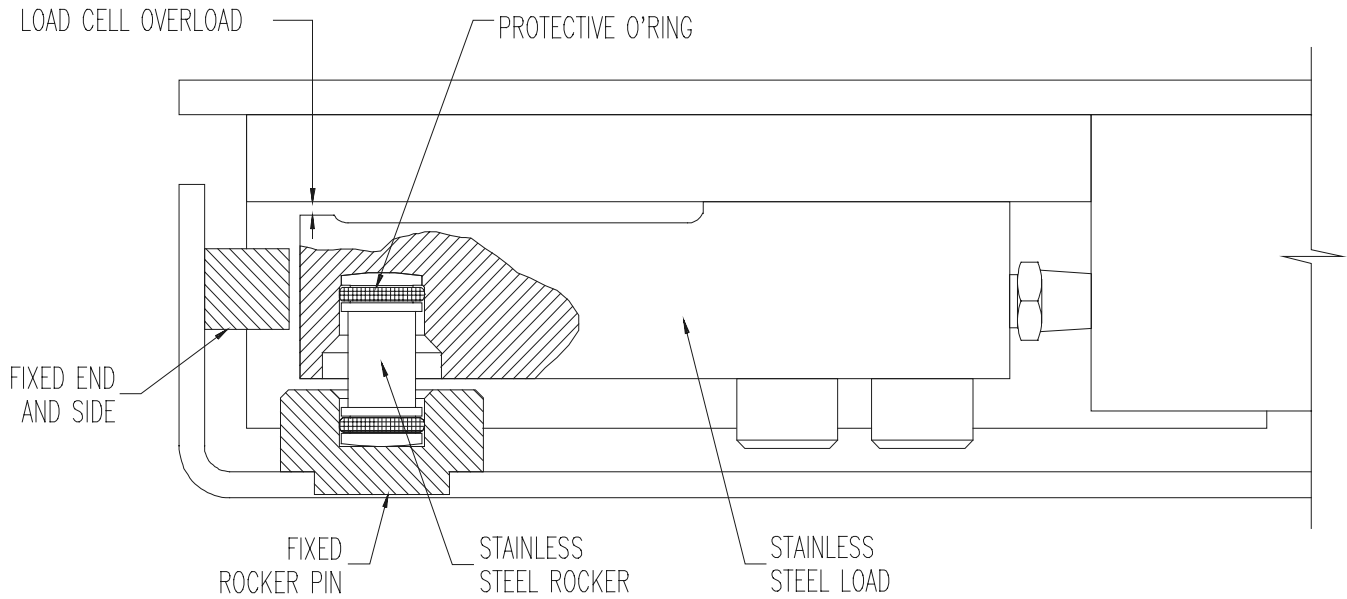
Optional Accessories	
Forklift Channel Frame	<ul style="list-style-type: none"> • Allows easy movement of scale with a forklift • Heavy frame provides superior protection for the scale platform and weighing assemblies
Scale Guard Frame Protectors	<ul style="list-style-type: none"> • Protects the sides from accidental forklift hits
Truck Dock Frame	<ul style="list-style-type: none"> • Heavy-duty frame, which provides maximum protection for the scale in high traffic areas
Instrument Column	<ul style="list-style-type: none"> • Convenient mounting of wall and desk top versions of Mettler Toledo instruments and battery packs
Portability Wheel Kit	<ul style="list-style-type: none"> • Provides 3'x3' and 4'x4' models through 5,000 lb. wheeled portability • Comes with a bolt on instrument column
Quick Pit Frame	<ul style="list-style-type: none"> • Floor installations are simple and easy • Frame doubles as pit coping and forms, eliminating expensive steps
FastFab Option	<ul style="list-style-type: none"> • Greater flexibility of sizes which can be ordered

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The 2158 is certified for 5000d standards, but it can be factory tested for 10,000d (Not legal for trade) accuracy. This option is ideal for counting, inventory, batching, filling, etc. and includes a Factory Test Loading Report verifying the 10,000d accuracy. The 2158 can interface with the entire line of Mettler Toledo analog instruments and accessories. Mettler Toledo is the largest scale manufacturer in the world and has been a major supplier of industrial weighing equipment since the turn of the century. We have authorized sales and service offices throughout the U.S., Canada, and every major part of the world. Contact your nearest authorized distributor for details on Mettler Toledo Floor Scales...or any other weighing applications.

2158 Vertex Suspension Detail



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