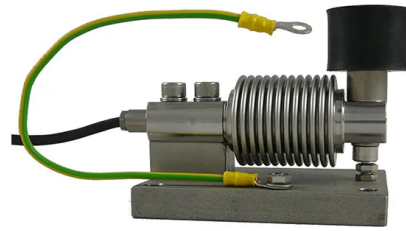



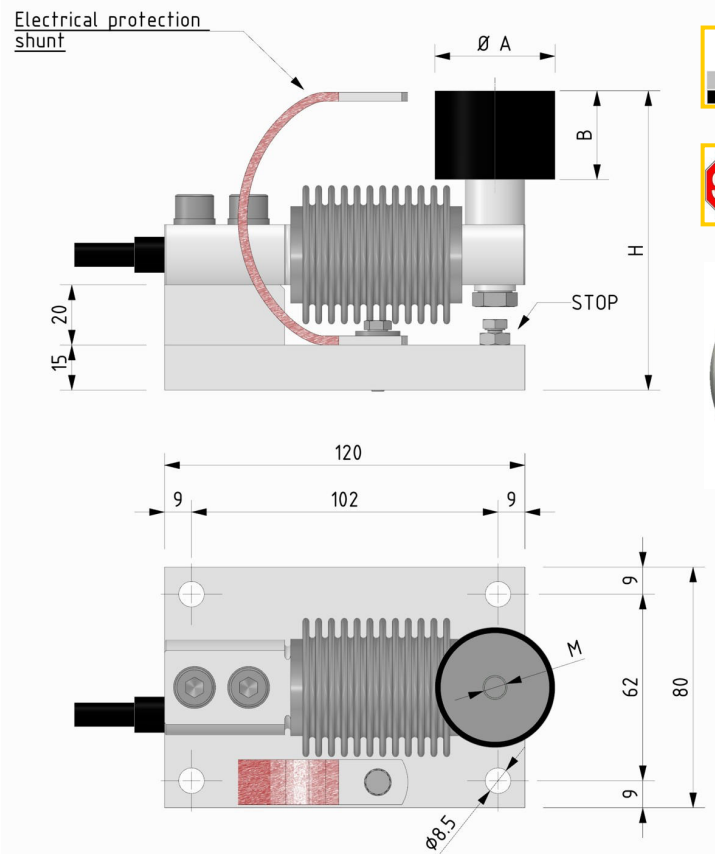
This weighing unit is designed to refine on the installation of SMF1 load cell in weighing and batching systems in tanks, silos and hoppers. It is suitable for static or vibrating applications.

Made in stainless steel, the weighing unit is provided with an elastomer bearing to preserve excellent features even in event of settlings, thermal dilation, positioning error, transverse thrusts and deformations or vibrations of structures.

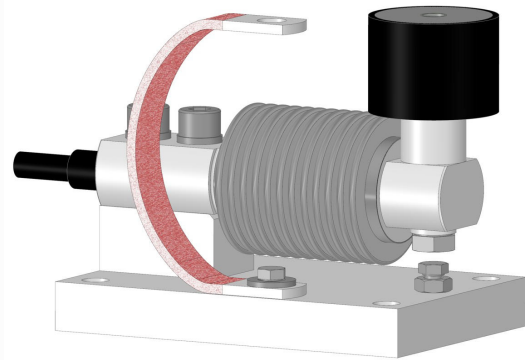
It is completed by an adjustable mechanical STOP to protect from overloading and by an electrical protection against electrostatic discharges.



Dimensions [mm] 



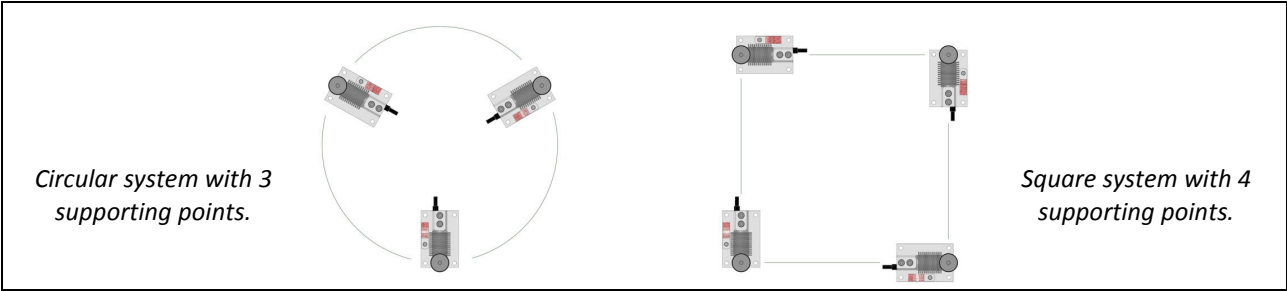
-  **BENDING BEAM**
-  **High Reliability**
-  **STOP OVERLOAD PROTECTION**
-  **INOX**
-  **easy APPLICATIONS**
-  **IP68**
-  **€ LOW COST**



RANGE	A	B	M	H
2.5 – 5 – 10 - 20 – 25 – 50kg	40	30	M8	100
100kg - 200kg	50	45	M10	115

Technical data of the load cells are listed in data sheet SM-F1

Mounting plan



- ASSEMBLY INSTRUCTIONS**
1. Set the lower plates of the unit to the floor using M8 bolts.
 2. Install the weighing system to the upper plates of the unit using M8 or M10 bolt.
 3. Adjust the overload **STOP** with a clearance of 0.2 mm when the system is loaded with the maximum weight.
 4. Connect the weighing units in use to the electrical earth, in accordance with plant design regulations.

⚠ WARNING ⚠

It is recommended to always observe scrupulously all the safety laws present in the country where the unit will be installed.

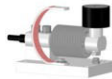




The installer shall perform a careful environmental risk analysis (seismic zones, wind etc).

Take care to avoid accidental overloads while assembling the unit.

Make sure the load cell is not subject to any electrical current.

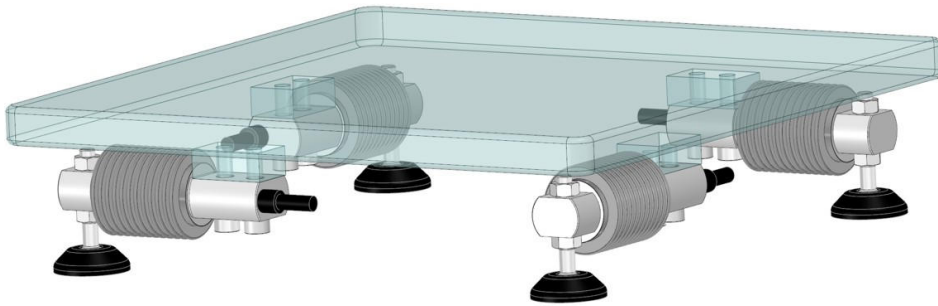
While welding, connect the ground clamp to the top of the weighing unit.

*During maintenance check that the **OVERLOAD STOPS** are in correct position and clean of any residual material.*

	CODICE / CODE	Description
	SMUPF1	<i>Weighing unit for 2.5kg to 50kg range COMPLETE of base and elastomer. (load cell not included)</i>
	SMUPF1B	<i>Weighing unit for 100 and 200 kg range COMPLETE of base and elastomer. (load cell not included)</i>
	CANTIVIBRANTEF1	<i>Elastomer for loads from 2.5 to 50 kg</i>
	CANTIVIBRANTEF1-200	<i>Elastomer for loads of 100 and 200 kg</i>
	PDM8	<i>Articulated leveling foot complete of M8 fixing bolts</i>

Examples of installation

Platform with 4 supporting points with jointed standard feet.



Silo with 3 supporting points

