



Silo Mount Compression Cells



Capacities	0.5,1,2,5,7.5, 10,15,20,30,50 ,75,100	tonne
Full Load Output	2.0 (±0.25%)	mV/V
Zero Load Output	<±2.0	%
Excitation (Max)	10 (15)	V
Accuracy (combined error)	<0.05	%
Repeatability	<0.01	%
Input Resistance	750 (±20)	Ω
Output Resistance	700 (±2)	Ω
Compensated Temp. Range	-10 to +40	°C
Operating Temp. Range	-20 to +60	°C
Temp. Coefficient on Zero	<0.005	% Capacity/°C
Temp Coefficient on Span	<0.003	% Capacity/°C
Safe Overload	150	%
Insulation	>500 @100Vdc	MΩ
Environmental Protection	IP68	
Cable Length	10	m

The Silo Mount weighing system from Euroload Limited offers a complete vessel weighing solution incorporating lift off prevention and vessel expansion without compromising accuracy.

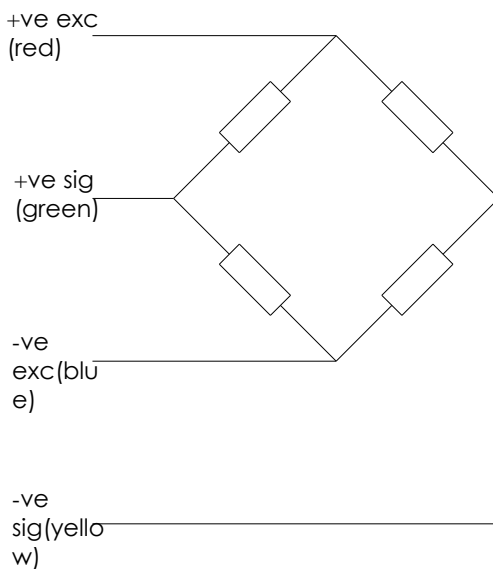
It features a fully welded sensor and is manufactured from high tensile stainless steel type 17-4-PH for enhanced durability and corrosion resistance.

The sensor becomes an integral part of your assembly and eliminates the need for vessel restraints or check rods.

Intrinsically safe certification is also available to ATEX / IECEx Standards (certified for use in gas and dust zones).

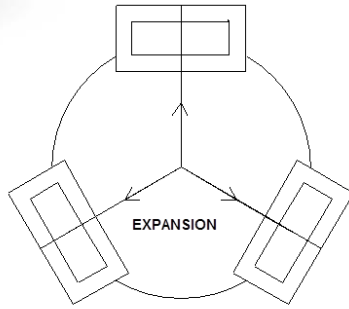
Our exacting build standards and test procedures ensure that all Euroload Limited Silo Mount systems can be offered with a two year warranty.

We can also offer customised designs suited to your exact specification as well as a selection of optional accessories including stainless steel brackets and a range of instrumentation.

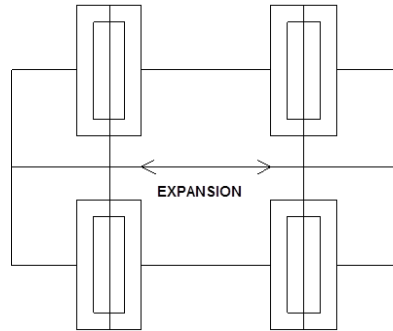


Features:

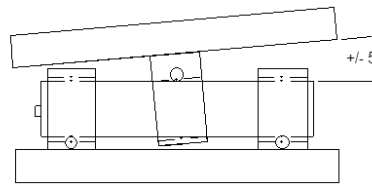
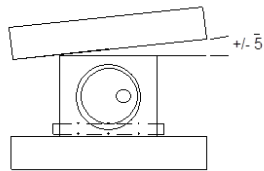
- . Low cost Installation
- . Stainless Steel load element
- . Sealed to IP68
- . Allows vessel expansion/contraction
- . Five size
- . High accuracy
- . High resistance to off axis loads
- . Integral lift off prevention
- . 2 year manufacturer warranty
- . Tough painted finish
- . Massive stock held in factory
- . Worldwide agent network with stock held



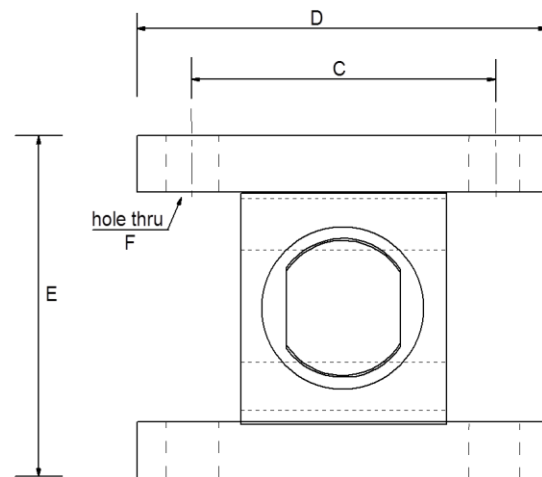
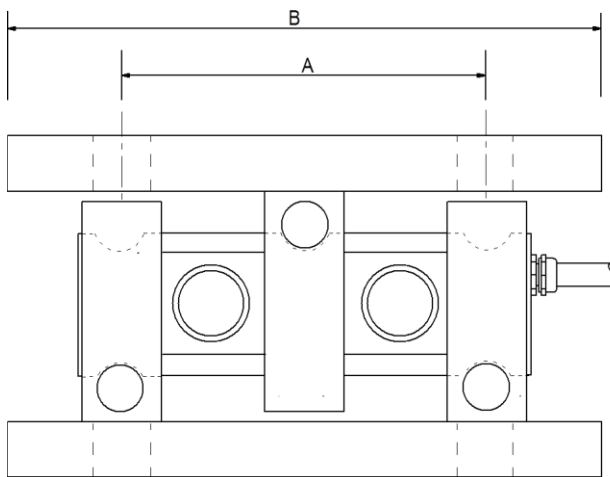
SILO MOUNT 3 LOAD CELL INSTALLATION



SILO MOUNT 4 LOAD CELL INSTALLATION



		Dimensions mm									
	Capacity	A	B	C	D	E	Dia F	No. F	G	Min Exsp	
Size 1	1-5te	105	150	94	124	88	13	8	12.7	3	
Size 2	2-20te	140	200	125	165	117	18	8	18	4	
Size 3	10-50te	175	280	175	230	162	22	8	25	6	
Size 4	75te	240	300	190	250	184	26	12	25	6	
Size 5	100te	250	320	230	300	210	26	12	30	8	





Coating Options

Standard Finish

The Silo Mount weighing system Euroload Limited has a standard finish applied to the mild steel support brackets. The first step is a zinc phosphate pre-treatment for rust prevention then a black E-Coat is applied. This electrophoretically applied finish ensures a uniform and durable appearance on the brackets.

Options

You can specify any RAL colour to be powder coated over the above finish to give your Silo Mount a stand out appearance.

Processes

Zinc Phosphate

The application of zinc phosphate by immersion provides a fine grained crystalline on the surface of the steel and is an excellent base providing parts with 'bare' rust protection so they do not require immediate painting.

Electrophoretic Paint

Electrophoretic paint (E-Coat) technology is ideal for the application of a uniform organic coating. The electrophoretic deposition of a finish provides a coating of uniform thickness on even the most complex shapes, significantly outperforming both sprayed or dipped finishes. Used widely in the automotive industry for its excellent corrosion resistance an E-Coat is the perfect finish where durability and longevity are key.

Polyester Powder Coat

An additional powder coat is recommended for any application where a high resistance to weathering is required, for example in exposed exterior fittings. This additional coating is well suited to environments where the installation is at temperatures elevated from the ambient as it has a high resistance to yellowing.

For further information about any of these processes or to receive a quotation to suit your specific application please contact us and our team will be happy to help.



Silo Mount Compression Cell

Euroload Limited, Unit 9, Airside Business Park,
Dyce Drive, Kirkhill Ind Est, Dyce, Aberdeen,
AB21 0GT. Tel: +44 (0) 1224 774115 e-mail
info@euroload.eu www.euroload.eu

Local Agent: