



Accurately Weighing Africa



SILO WEIGHER

OPTIMAL SILO WEIGHING SOLUTIONS



SW-24-01

SMART SUPPORT
0861 422 134
OR +27 83 680 0722
E-mail: info@sascoafrica.com
Web: www.sascoafrica.com
24 hours, 7 Days a week

SASCO WEIGHING SYSTEMS

GROUP SUPPORT H/O
2 Blackburn Street
Apex Industrial | Benoni

Phone: +27 (0) 11 746 6000
Fax: +27 (0) 11 746 6100

SASCO SILO WEIGHING SYSTEMS are generally accepted to offer the highest accuracy and repeatability when measuring the contents of tanks, hoppers and silos.

Silo Weighing System's normally consists of four load cells, each with a weighing module, a junction box and a weight indicator or transmitter. The weighing module ensures that the correct amount of vertical force is applied to each load cell, preventing it from being affected by non-vertical forces and ensuring repeatability of its signal output.

The junction box joins the wires from the individual load cells sending signals from the load cells to the weight indicator. The indicator is then connected to a PC or depending on the indicator used can form part of an IT network with its own IP address.

Sasco offers a broad range of rugged and accurate Silo Weighing Systems all of which can be tailor made to meet customers' specific requirements, with three configurations being central to Sasco's product offering, namely the SW100, SW200 & SW300 Silo Weighing Systems.

Sasco Silo Weighing Systems provide solutions for nearly every bulk silo application from fluids through to animal feeds and grain industries, amongst others. stainless-steel housing.

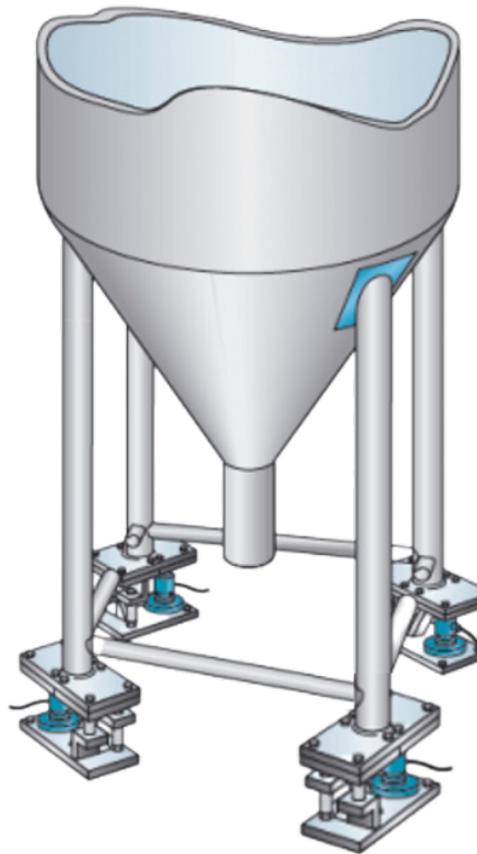


Typical Silo Weighing System


Product Overview

SASCO SILO WEIGHING SYSTEMS has two main components these being load cells and indicators.

Silo Weighing Mechanical Overview



GPA-C Load Cells

	Stainless Steel IP67
	OIML C3
	Overload Protection
	Hot Galvanized Plates

Standard Product Range

The Sasco Silo Weighing range comprises both bespoke products and the following standard base products:

PRODUCT NUMBER	SW 100	SW 200	SW 300
Indicator	 L137	 DD1015	 DD1055
Number of silos	Single Silo	Two Silos	Multiple Silos
Load Cells	1 x 4 GPA - C Load Cells	1 x 4 GPA - C Load Cells	1 x 4 GPA - C Load Cells
Capacity per Silo	16T-160T	16T-160T	16T-160T

Application Example

SILO WEIGHING SYSTEMS

A large chicken farm operates 4 chicken feed silos.

The owner wanted a solution whereby the weights of chicken feed in each silo could be managed by one operator and the data on the status of the weights of each silo could be viewed on the head office IT network.

The solution was Sasco's SW-300 Silo Weighing system comprising 4 x 4 GPA-C load cells and one DD1050 linked via its Ethernet connection to the customers IT network.



Controller Features Comparison

PRODUCT NUMBER	L137 INDICATOR	DD1015	DD1055
Display	Colour	Colour	Colour
IP Rating	IP69	IP69	IP69
Housing	Stainless Steel	Stainless Steel	Stainless Steel
Mounting	Wall or desk	Wall or desk	Wall or desk
Built in Standard Programs	5	No	No
Input Outputs	2 in and 2 out	2 in 5 out	2 in 5 out
USB Port	Yes	Yes	
PC Interface	Ethernet, RS232 Or RS485	Ethernet, RS232 Or RS422	Ethernet, RS232 Or RS422
Key Board and Mouse connections	No	Yes	Yes
MPP Alibi Memory	No	Yes	Yes
Programmable BAUD Rate	No	Yes	Yes
Mounting	Wall or desk	Wall or desk	Wall or desk
Direct Printer Connection	Yes	Yes	Yes
Display Board Connection	Yes	Yes	Yes
Remote Support Capable	Yes	Yes	Yes
Type of load. cells	Analogue	Analogue and Digital	Analogue and Digital
Number of load cells	1 x 8	2 x 12 - 16	4 x 12 - 16
Approvals	EU, NTEP	CE, OIML, NTEP	CE, OIML, NTEP

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