



Accurately Weighing Africa



SILO WEIGHING

OPTIMAL BULK STORAGE WEIGHING SOLUTIONS



SASCO WEIGHING SYSTEMS

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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.



Typical Silo Weighing System

Product Overview

Sasco Silo Weighing Systems have the following key component options, which are reflected in our range of standard silo weighing product range and bespoke product options

SILO WEIGHING MECHANICAL OVERVIEW



STABICAN



SILOSAFE



SILOKIT-R




RH10X

Standard Product Range

DELIVERING BULK STORAGE WEIGHING SOLUTIONS

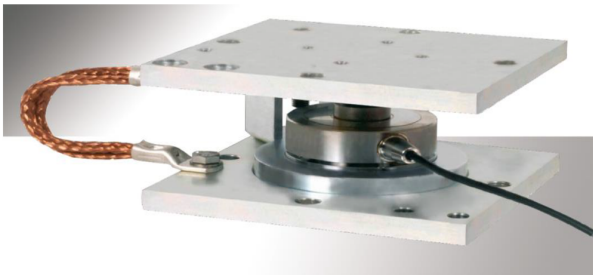
The Sasco Silo Weighing range comprises both bespoke products and the following standard base products:

	SW - 100	SW - 200	SW - 300
Indicator	 DD700	 DD1010	 DD1050
Number of Silos	Single Silo	Two Silos	Multiple Silos
Load Cells	1 x 4 GPA - C Load Cells	2 x 4 GPA - C Load Cells	Up tp 4 x 4 GPA - C Load Cells
Capacity Per Silo	16T - 160T	16T - 160T	16T - 160T

Controller Features Comparison

	DD700 Indicator	DD1010 Indicator	DD1050 Indicator
IP Rating	IP 65 , 68, 69	IP 68	IP 68
External Key Board	One connection	One connection	One connection
Ports	1 USB	2 USB	Multiple
Ethernet	No	Yes	Yes
Database	No	SQL	SQL

GPA-C Load Cells

	Stainless Steel IP67
	OIML C3
	Overload Protection
	Hot Galvanized Plates

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.



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