

Tote Bin Weighing System

Tote Bin Weighing System for 1000 Litre IBC's
5IBC/1000/BWM/300/B

Tote Bin Weighing System Description

This tote bin weighing system was designed to be pre-loaded with a maximum of 5 IBC's of various ingredients which are placed onto the IBC Platform. There is a 200 or 300 Litre tote bin tote bin weighing system mounted underneath the IBC Platform which can be moved under power to each of the five discharge positions. The tote bin weighing system is driven to each discharge position via a motor gearbox and toothed drive belt. Each discharge position has a position sensor to stop the tote bin weighing system at exactly the right position. Once in the correct position, the contents of the IBC can be dispensed directly into the stainless steel tote bin. As the contents of the IBC are discharged, the weight of product will be displayed on the weighing indicator. The tote bin weighing system is constructed entirely from stainless steel grade 304 and is a fully TIG welded construction.

The tote bin weighing system can be fitted with a variety of load measuring equipment depending on specific requirements. The standard machine has a Toledo load cell and an Ian Fellows Lucid Display Indicator. All of the electrical equipment is mounted in enclosures rated to at least IP65. This machine is designed so that the tote bin is loaded and unloaded from the front by simply wheeling it onto the weighing platform.



IBC Platform & Tote Bin Weighing System

Call now on **01495 312 172**

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Tote Bin Weighing System Specification

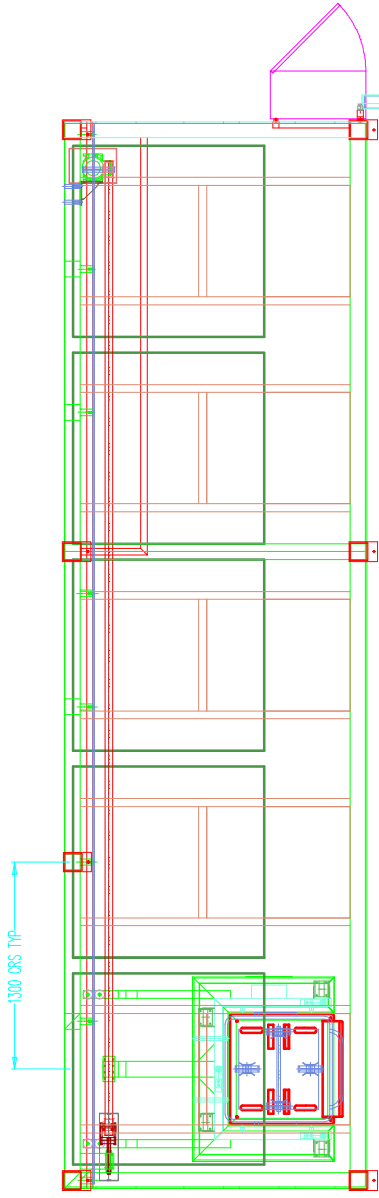
DESCRIPTION	IBC PLATFORM & TOTE BIN WEIGHING SYSTEM
MODEL No.	5IBC/1000/BWM/300/B
IBC PLATFORM	5 IBC's @ 1000 Kgs EACH
CONSTRUCTION	BOX SECTION & PLATE
MATERIAL	STAINLESS STEEL GRADE 304
PLATFORM BASE	BOLTED TO THE FLOOR

The following weigh system was incorporated and mounted beneath the IBC Platform.

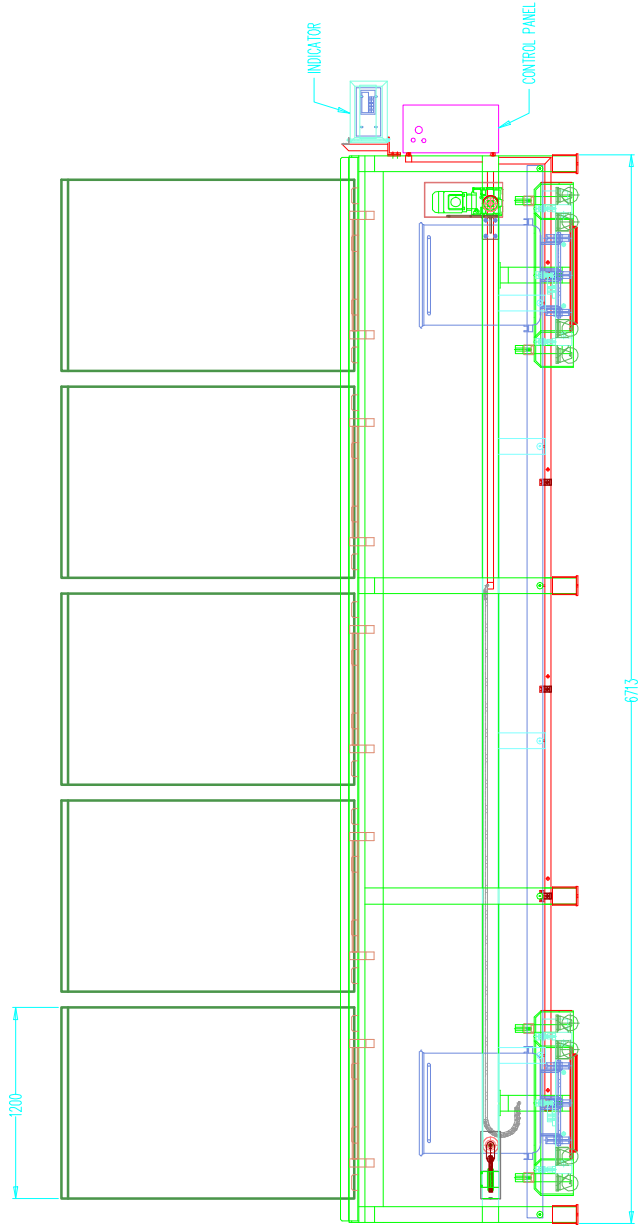
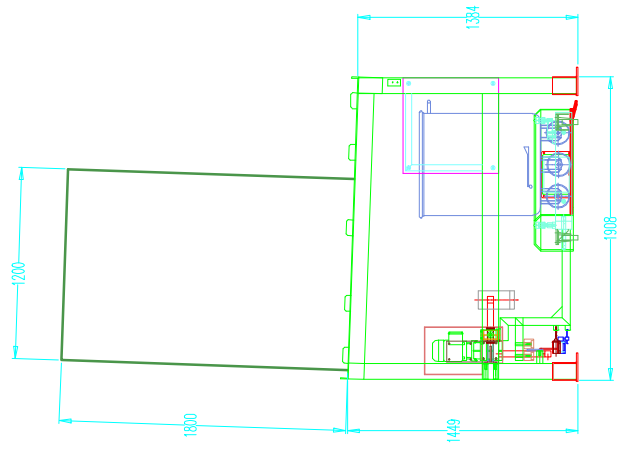
WEIGHER DESCRIPTION	200 or 300 LITRE TOTE BIN WEIGHER
WEIGHING CAPACITY	300 Kgs
WEIGHING ACCURACY	0.5 Kgs
LOAD CELL	SHEAR BEAM LOAD CELLS
WEIGHING DISPLAY	IAN FELLOWS LUCID INDICATOR
ELECTRICAL RATING	IP65
WEIGHER BASE	MOBILE ON CASTORS

Tote Bin Weighing System Application Story

The requirement for this tote bin weighing system was to weigh out various ingredients from Plastic IBC's and feed directly into a 200/300 Litre tote bin. The tote bin was then lifted and tipped using a Single Column Lifter directly into various cooking vessels. The IBC's were loaded by fork truck onto the platform measuring approximately 6500mm Long x 1500mm Deep and 1200mm High. The platform was manufactured from 304 Grade Stainless Steel box section with a 5mm thick plated top. The top had various cut outs through which the contents of the IBC's could be discharged into the tote bin. The tote bin weigher was mounted on a rail underneath the platform and was driven between each of the IBC discharge points via a motor gearbox and toothed drive belt.



INDICATOR ON SWIVEL MOUNT



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ISSUED BY
 CUSTOMER

DRAWING TITLE
 IBC PLATFORM AND TOTE BIN WEIGHING SYSTEM

DATE
 28-06-07
 DRAWN
 J.P.W.
 CHECKED
 P.M.W.
 DRAWING NUMBER
 BP3228-1

REMOVE ALL BURRS AND SHARP EDGES
 TOLERANCES: UNLESS OTHERWISE STATED
 FINISHES: +/- 0.2mm
 DIMENSIONS: UNLESS OTHERWISE STATED
 SHEET METAL WORK +/- 1.5mm AND +/- 0.5 DEG
 DOWN HAND IMAGE PROJECTION