

Tote Bin Tipper

Single Pillar Tote Bin Tipper BTM/250/1550/B/G

Tote Bin Tipper Description

This tote bin tipper is a single pillar 200 Litre tote bin tipper that is designed to lift and tip at a discharge height of 1550mm. The tote bin tipper is constructed from Grade 304 stainless steel and is fully TIG welded throughout. Lifting with the tote bin tipper is achieved by a $\frac{3}{4}$ " Simplex chain driven by a motor gearbox mounted at the top of the main column. This tote bin tipper is designed to be bolted to the floor.



Single Pillar 200 Litre Tote Bin Tipper

Call now on **01495 312 172**

webenquiry@basehandling.co.uk

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Safety Guard to PD 5304:2005 Safety of Machinery

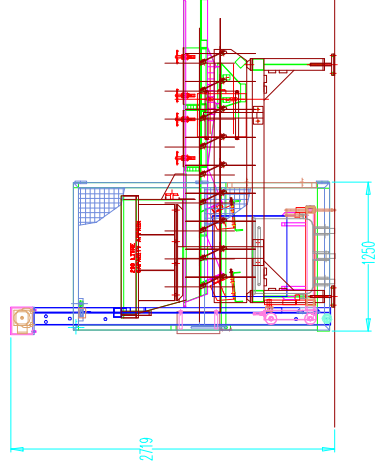
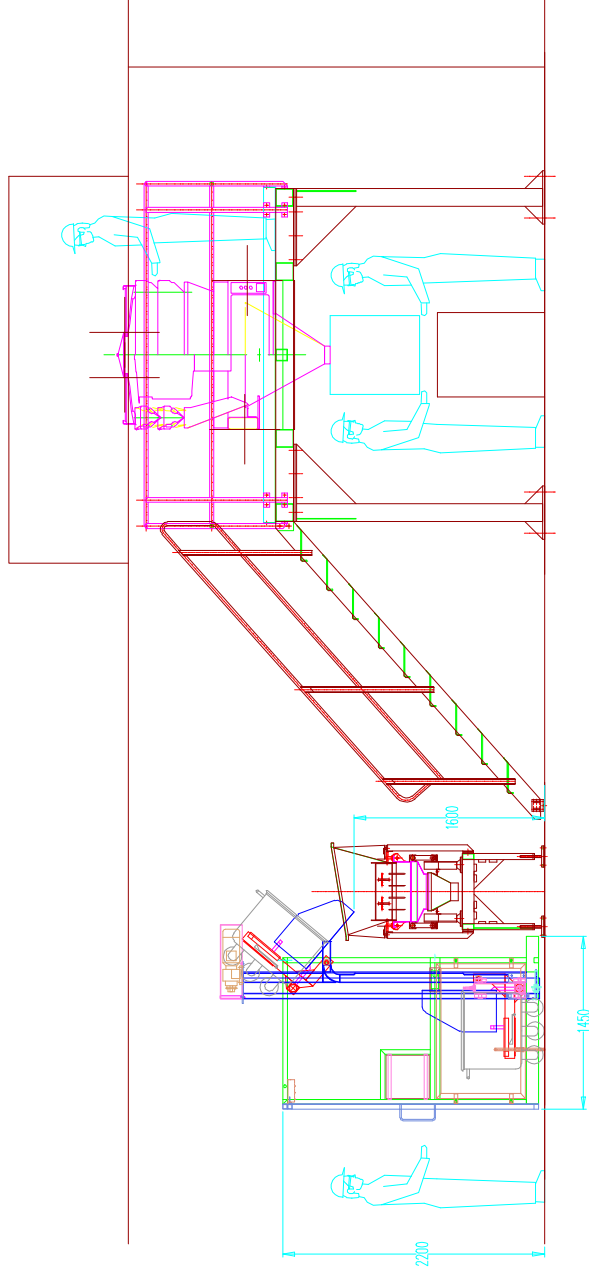
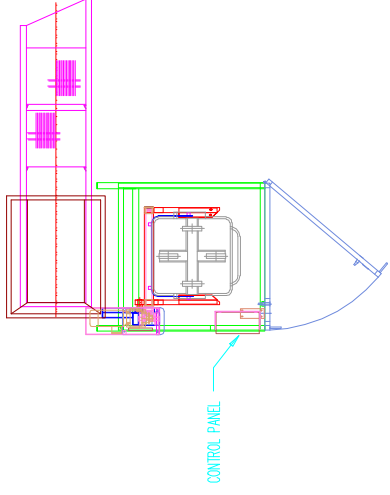
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 3mm wire, 40mm aperture stainless steel weld mesh to meet the requirements of PD 5304:2005 Safety of Machinery. It encloses the tote bin tipper to a height of 2200mm on two sides, 1400mm at the front, with a hinged door on the fourth side. The guard door is electrically and mechanically interlocked preventing the tote bin tipper from operating with the door open. In addition, the guard door can only be opened when the lifting carriage is at the full down position. The tote bin tipper control system has provision for a 'Call for Product' signal to be connected.

Tote Bin Tipper Specification

DESCRIPTION	SINGLE PILLAR TOTE BIN TIPPER
MODEL No.	BTM/250/1550/B/G
CAPACITY	250Kgs
TIPPING HEIGHT	1550mm
TIPPING ANGLE	130 DEGREES
OVERALL HEIGHT	2500mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	STANDARD 200 LITRE TOTE BIN
BASE ARRANGEMENT	BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
LIMIT SWITCHES	ADJUSTABLE ROD
MOTOR DETAIL	0.55kW, 415V, 3 PHASE, 50 CYCLE
MOTOR BRAKE	415V SEPARATELY EXCITED
GEARBOX DETAIL	FLENDER D38 M1P4D7.5
OUTPUT R.P.M.	28 R.P.M.
RATIO	50:1
LOAD/TENSION CHAIN	¾" SIMPLEX DELTA Z
TENSILE STRENGTH	3000Kgs
LIFT SPEED	6.4 METERS/MINUTE

Tote Bin Tipper Application Story

This tote bin tipper was a low level tipper designed to load various loose leaf salads into a vibratory conveying system. Having enclosed the tote bin tipper with a safety guard, it was possible to automate the tipping cycle so that the operator could load and bin, send it to full tip and during this time could be usefully employed on another task.



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REVISION NUMBER
 CUSTOMER

DRAWING TITLE

SINGLE PILLAR 200 LITRE TOTE BIN TIPPER
 BOLTED GUARDED

REMOVE ALL BURRS AND SHARP EDGES
 TOLERANCES : UNLESS OTHERWISE STATED
 FABRICATIONS : +/- 2.0mm
 MACHINING : +/- 0.2mm
 SHEET METAL WORK : +/- 1.0mm AND +/- 1.0 DEG

DRAWN MRJ
 CHECKED
 DATE 04-03-05

DRAWING NUMBER
 BP2950-1