

Single Pillar Tipper

Single Pillar Tipper for 200 Litre Tote Bins BTM/250/1950/B/G

Single Pillar Lift Description

This single pillar tipper for 200 Litre tote bins is designed to lift and tip at a discharge height of 1950mm. The single pillar tipper is constructed from Grade 304 stainless steel and is fully TIG welded throughout. Lifting with the single pillar tipper is achieved by a $\frac{3}{4}$ " Simplex chain driven by a motor gearbox mounted at the top of the main column. This single pillar tipper is designed to be bolted to the floor.



Single Pillar Tipper for 200 Litre Tote Bins

Call now on **01495 312 172**

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Base Handling Products Limited, Unit 20, Barleyfield Industrial Estate
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Safety Guard to PD 5304:2005 Safety of Machinery

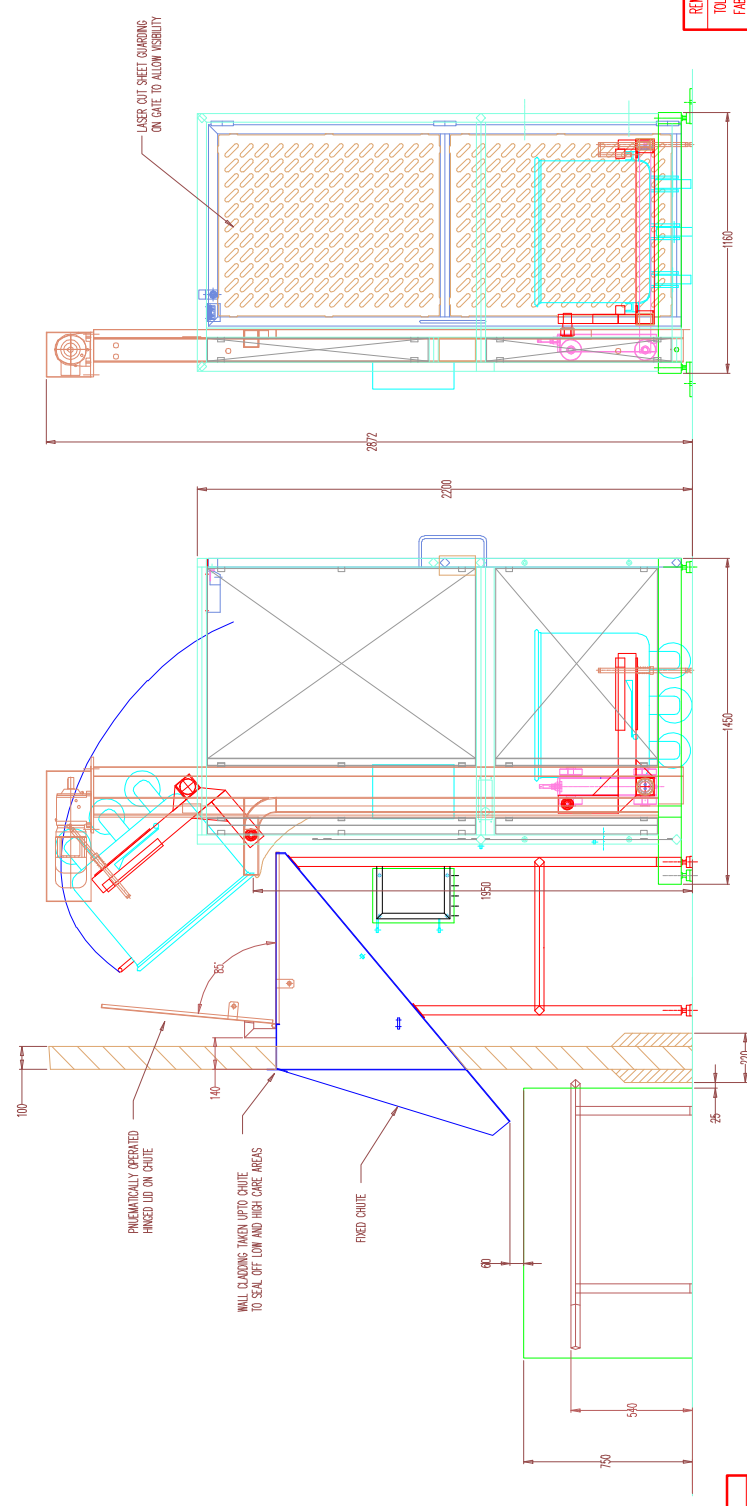
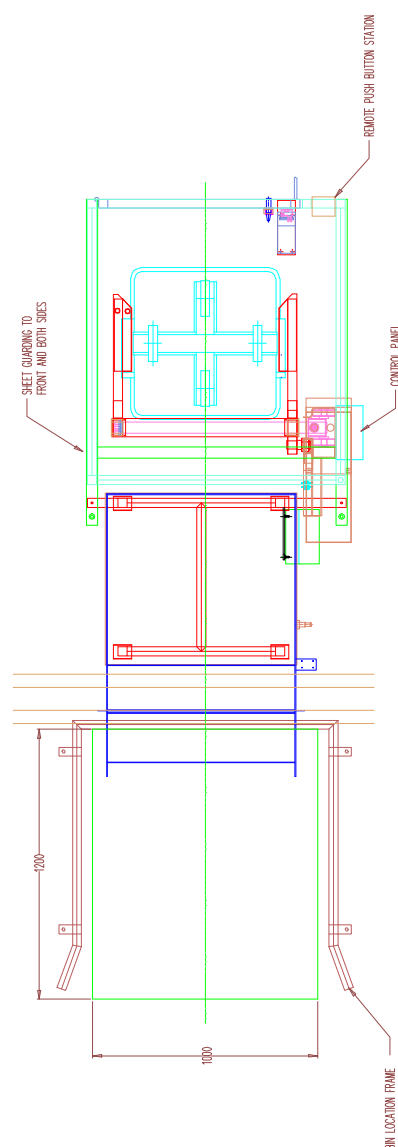
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 2mm stainless steel sheet to meet the requirements of PD 5304:2005 Safety of Machinery. It encloses the single pillar tipper to a height of 2200mm on two sides, 1700mm at the front, with a hinged door on the fourth side. The guard door is electrically and mechanically interlocked preventing the single pillar 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 single pillar tipper control system has provision for a 'Call for Product' signal to be connected.

Single Pillar Tipper Specification

DESCRIPTION	SINGLE PILLAR TIPPER
MODEL No.	BTM/250/1950/B/G
CAPACITY	250Kgs
TIPPING HEIGHT	1950mm
TIPPING ANGLE	130 DEGREES
OVERALL HEIGHT	2900mm
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 D31 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

Single Pillar Tipper Application Story

This single pillar tipper was designed to discharge waste from a High Care part of a food factory, through a wall into a Dolaf bin on the Low Care side. To protect the integrity of the High Care environment, the waste chute was fitted with a pneumatically operated hinged lid which only opened when the single pillar tipper was operated. As soon as the lifting carriage returned to the full down position after tipping, the lid closed automatically



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	CHECKED
JPW	DATE
	21-10-03
DRAWING NUMBER	
BP2722-1	

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 DRAWN THIRD ANGLE PROJECTION

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REVISION NUMBER	CUSTOMER
	SINGLE PILLAR 200 LITRE TOTE BIN TIPPER BOLTED GUARDED
DRAWING TITLE	