

## Tote Bin Hoist

### Single Pillar 300 Litre Tote Bin Hoist Part Guarded

BTM/300/3300/B/G

#### Tote Bin Hoist Description

The tote bin hoist is a single pillar 300 Litre bin tipper that is designed to lift and tip at a discharge height of 3300mm. The tote bin hoist is constructed from Grade 304 stainless steel and is fully TIG welded throughout. This tote bin hoist has dual push button control which is monitored by a simultaneous pushbutton control relay on both the 'Up' and 'Down' controls. Lifting with the tote bin hoist is achieved by a  $\frac{3}{4}$ " Duplex chain driven by a motor gearbox mounted at the top of the main column. The tote bin hoist is designed to be bolted to the floor.



*Tote Bin Hoist for 300 Litre Tote Bin*

Call now on **01495 312 172**

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### Safety Guarding

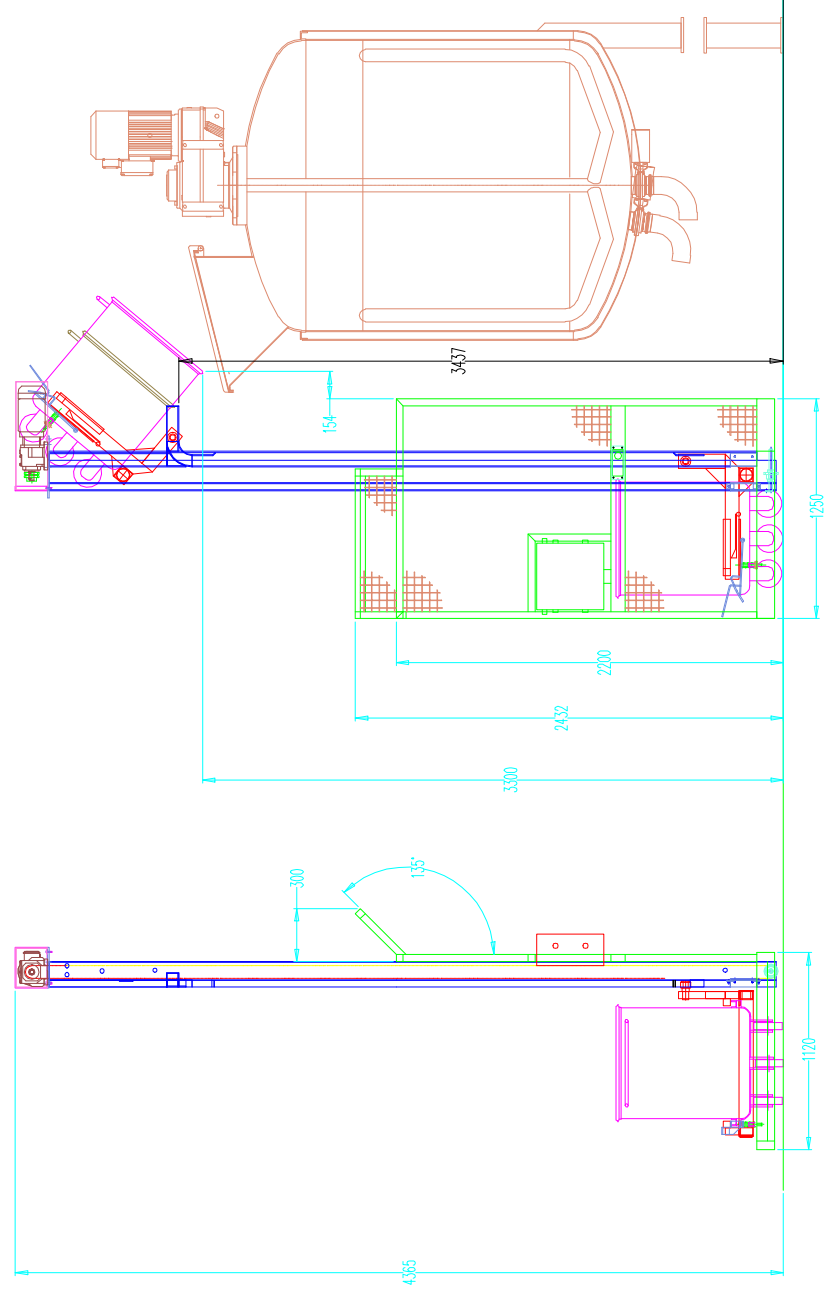
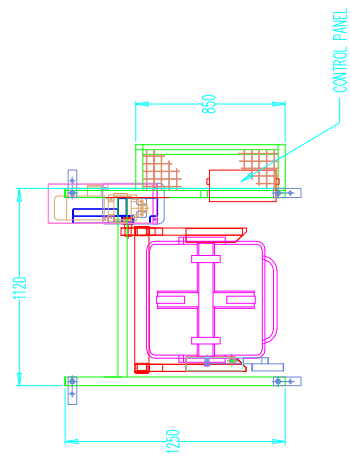
This tote bin hoist was fitted with a safety guard on the side of the machine where the operator will be required to stand to operate the machine. The safety guard was manufactured from 40 x 40 x 3mm stainless steel box section with a 40 x 40mm, 3mm wire stainless steel weld mesh in fill. The guard was 1100mm wide and 2200mm tall with a 300mm wide deflector canopy above the operator.

### Tote Bin Hoist Specification

|                       |                                 |
|-----------------------|---------------------------------|
| DESCRIPTION           | SINGLE PILLAR TOTE BIN HOIST    |
| MODEL No.             | BTM/300/3300/B/G                |
| CAPACITY              | 300 Kgs                         |
| TIPPING HEIGHT        | 3300mm                          |
| TIPPING ANGLE         | 130 DEGREES                     |
| OVERALL HEIGHT        | 4365mm                          |
| MACHINE HANDING       | LEFT OR RIGHT HAND AVAILABLE    |
| TIPPING CHUTE         | OPTIONAL                        |
| CONTAINER DESCRIPTION | STANDARD 300 LITRE EUROBIN      |
| BASE ARRANGEMENT      | BOLTED TO THE FLOOR             |
| CONTROL CIRCUIT       | 24Vac (STANDARD)                |
| ELECTRICAL RATING     | IP65                            |
| LIMIT SWITCHES        | ADJUSTABLE ROD                  |
| MOTOR DETAIL          | 0.75kW, 415V, 3 PHASE, 50 CYCLE |
| MOTOR BRAKE           | 415V SEPARATELY EXCITED         |
| GEARBOX DETAIL        | FLENDER                         |
| OUTPUT R.P.M.         | 28 R.P.M.                       |
| RATIO                 | 50:1                            |
| LOAD/TENSION CHAIN    | ¾" DUPLEX DELTA Z               |
| TENSILE STRENGTH      | 6000Kgs                         |
| LIFT SPEED            | 6.4 METERS/MINUTE               |

### Tote Bin Hoist Application Story

These tote bin hoist's, 14 in total, were all manufactured for a popular cooking sauce manufacturer to load all of the ingredients into the cooking vessels as quickly as possible. The tote bin hoist was a heavy duty machine so that a 300 Litre Tote Bin could be lifted and tipped, thereby reducing the loading time per cooking cycle and maximising the efficiency of the plant.



|  |          |
|--|----------|
| 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     |
|  | 23-03-07 |
| DRAWING NUMBER                               |          |
| BP3199-1                                     |          |

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REVISION NUMBER

CUSTOMER

DRAWING TITLE

SINGLE PILLAR 300 LITRE TOTE BIN TIPPER  
 BOLTED PART GUARDED