

Eurobin Lift

Single Pillar Eurobin Lift BTM/250/2050/B/G

Eurobin Lift Description

This Eurobin Lift is a single pillar 200 Litre Eurobin Lift that is designed to lift and tip at a discharge height of 2050mm. The Eurobin Lift is constructed from Grade 304 stainless steel and is fully TIG welded throughout. Lifting with the Eurobin Lift is achieved by a $\frac{3}{4}$ " Simplex chain driven by a motor gearbox mounted at the top of the main column. This Eurobin Lift is designed to be bolted to the floor.



Single Pillar 200 Litre Eurobin Lift

Safety Guard to PD 5304:2005 Safety of Machinery

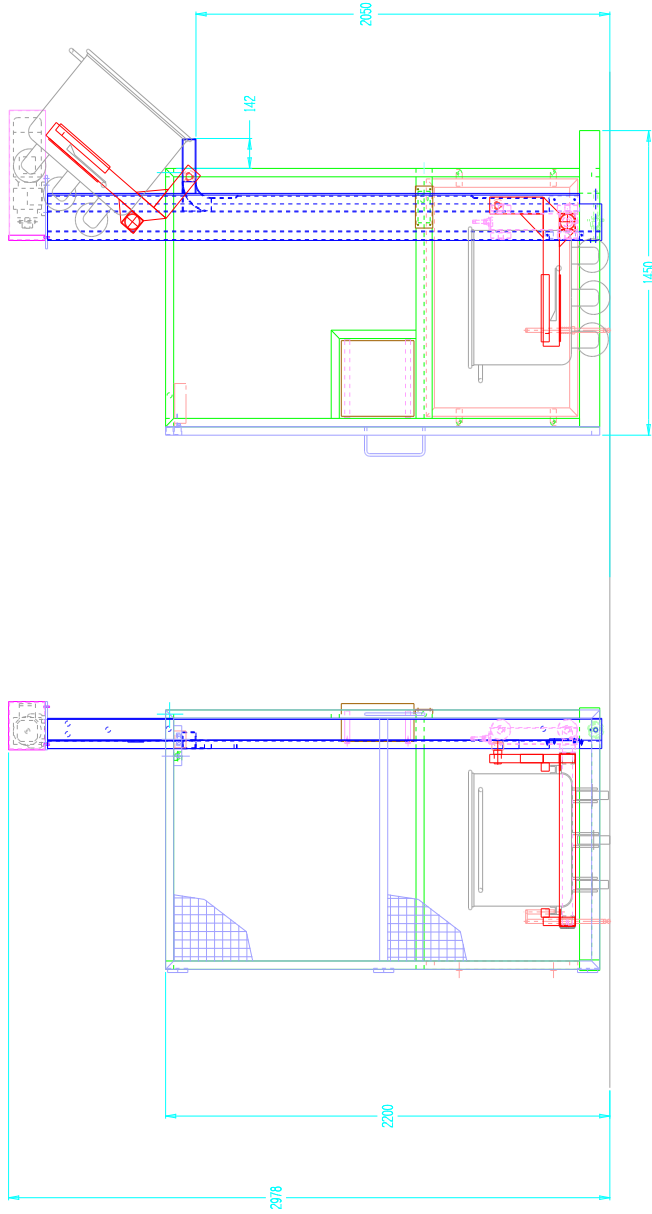
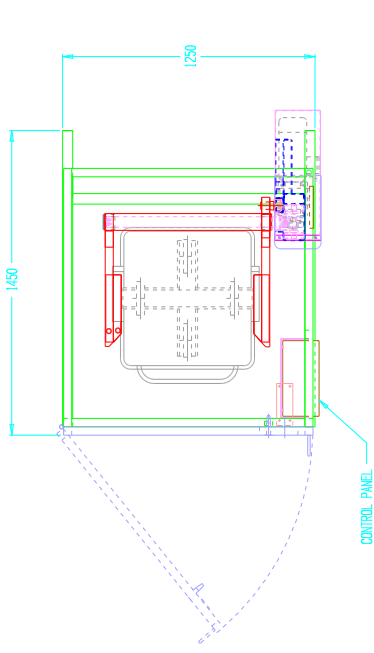
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 3mm wire, 40mm aperture stainless steel weld mesh to meet the requirements of PD 5304:2005 Safety of Machinery. It encloses the Eurobin Lift to a height of 2200mm on two sides, 2000mm at the front, with a hinged door on the fourth side. The guard door is electrically and mechanically interlocked preventing the Eurobin Lift 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 Eurobin Lift control system has provision for a 'Call for Product' signal to be connected.

Euro Bin Lift Specification

DESCRIPTION	SINGLE PILLAR EUROBIN LIFT
MODEL NO.	BTM/250/2050/B/G
CAPACITY	250 Kgs
TIPPING HEIGHT	1550mm
TIPPING ANGLE	130 DEGREES
OVERALL HEIGHT	3000mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	STANDARD 200 LITRE EURO BIN
BASE ARRANGEMENT	BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
MOTOR DETAIL	0.55kW, 415V, 3 PHASE, 50 CYCLE
MOTOR BRAKE	415V SEPARATELY EXCITED
LIMIT SWITCHES	ADJUSTABLE ROD
GEARBOX DETAIL	SIEMENS 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

Euro Bin Lift Application Story

This Eurobin Lift was designed to lift and tip ingredients into a mixer at a Brewery. Having enclosed the Eurobin Lift 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

GUARDED SINGLE PILLAR TIPPER

DRAWN JPW
 CHECKED
 DATE 15-05-09

DRAWING NUMBER

BP3440-1

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