

Guarded Crate Tipper

Single Pillar Guarded Crate Tipper

CTM/50/4150/B/G

Single Pillar Guarded Crate Tipper Description

This single pillar guarded crate tipper is designed to lift and tip a single tray of salad (600 x 400 x 170mm High) at a height of 4150mm. The guarded crate tipper is constructed from Grade 304 stainless steel and is fully TIG welded throughout. The lifting is achieved by a food quality toothed timing belt driven by a motor gearbox mounted at the bottom of the main column. The guarded crate tipper is designed to be bolted to the floor.



Single Pillar Guarded Crate Tipper

Call now on **01495 312 172**

webenquiry@basehandling.co.uk

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

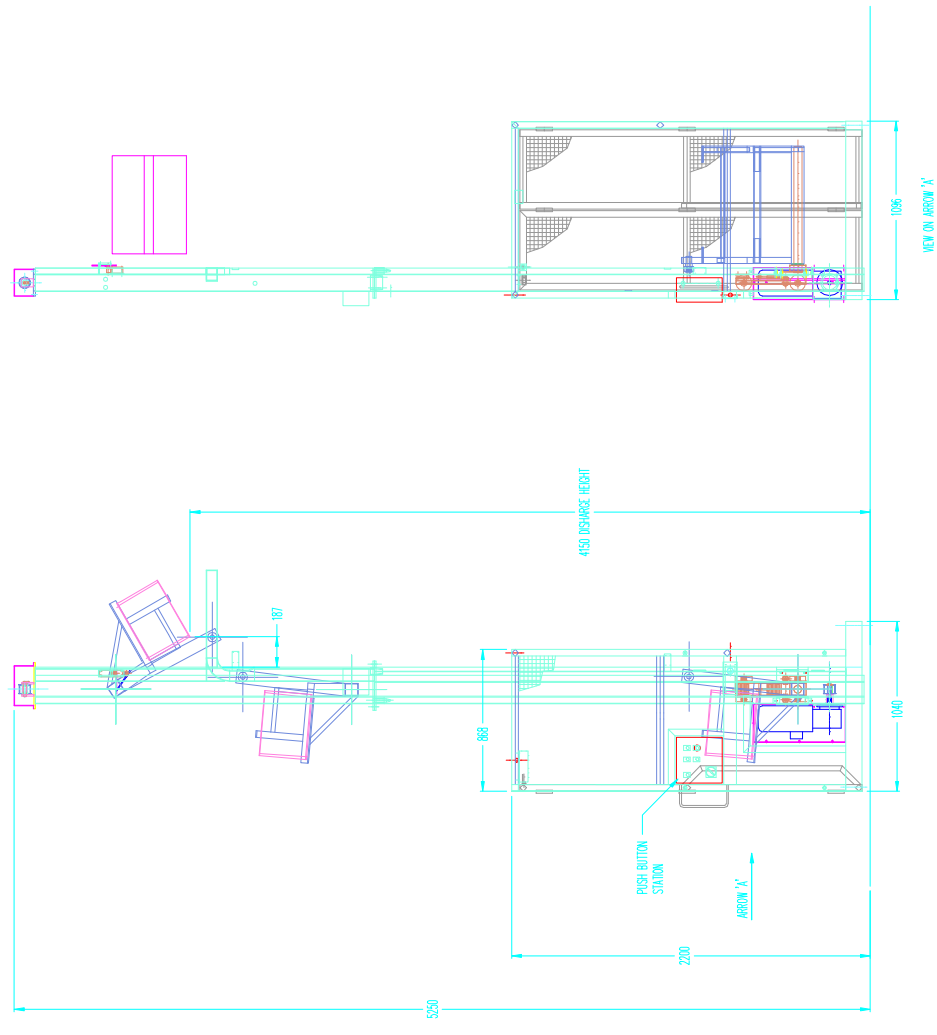
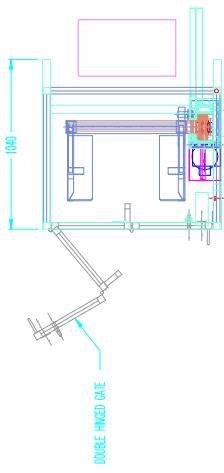
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 3mm wire, 25mm aperture stainless steel weld mesh to meet the requirements of PD 5304:2005 Safety of Machinery. It would enclose the guarded crate tipper to a height of 2200mm on three sides with a hinged door on the fourth side. The guard door is electrically and mechanically interlocked preventing the guarded crate 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 guarded crate tipper control system has provision for a 'Call for Product' signal to be connected.

Guarded Crate Tipper Specification

DESCRIPTION	SINGLE PILLAR GUARDED CRATE TIPPER
MODEL No.	CTM/50/4150/B/G
CAPACITY	50Kgs
TIPPING HEIGHT	4150mm
TIPPING ANGLE	150 DEGREES
OVERALL HEIGHT	5250mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	PLASTIC CRATE OR TRAY
BASE ARRANGEMENT	BOLTED TO THE FLOOR & BRACED
CONTROL CIRCUIT	24Vac
ELECTRICAL RATING	IP65
LIMIT SWITCHES	ADJUSTABLE ROD or SPRING
MOTOR DETAIL	0.75kW, 415V, 3 PHASE, 50 CYCLE
MOTOR BRAKE	415V SEPARATELY EXCITED
GEARBOX DETAIL	FLENDER
LOAD/TENSION BELT	50mm TOOTHED TIMING BELT
TENSILE STRENGTH	27000N
LIFT SPEED	VARIABLE VIA INVERTER DRIVE

Guarded Crate Tipper Application Story

These 6 guarded crate tippers were designed for a salad processor to operate at high speed lifting and tipping their salad trays into vibratory feeders and subsequently into loose leaf salad packing lines. The guarded tray tippers are photographed in our factory being tested prior to dispatch.



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
	12-02-03
DRAWING NUMBER	
BP2544-1	

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 DRAWN THIRD ANGLE PROJECTION

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REVISION NUMBER
 CUSTOMER

DRAWING TITLE

SINGLE PILLAR HIGH SPEED CRATE TIPPER
 BOLTED GUARDED