

## Double Pillar Palletainer Tipper

### Double Pillar Palletainer Tipper BTM/1500/7310/B/G

#### Double Pillar Palletainer Tipper Description

This double pillar palletainer tipper is designed to lift and tip a 1500 Litre cardboard palletainer (1200 x 1000 x 1700mm High) at a discharge height of 7310mm. The double pillar palletainer tipper is constructed from Grade 304 stainless steel and is fully TIG welded throughout. Lifting with the double pillar palletainer tipper is accomplished via chains driven by a motor gearbox mounted at the top of the one column with a crossover shaft to the other column. This double pillar palletainer tipper was designed to be bolted to the floor and braced near the top.



*Double Pillar Palletainer Tipper for 1500 Litre Cardboard palletainer*

Call now on **01495 312 172**

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**Safety Guard to PD 5304:2005 Safety of Machinery**

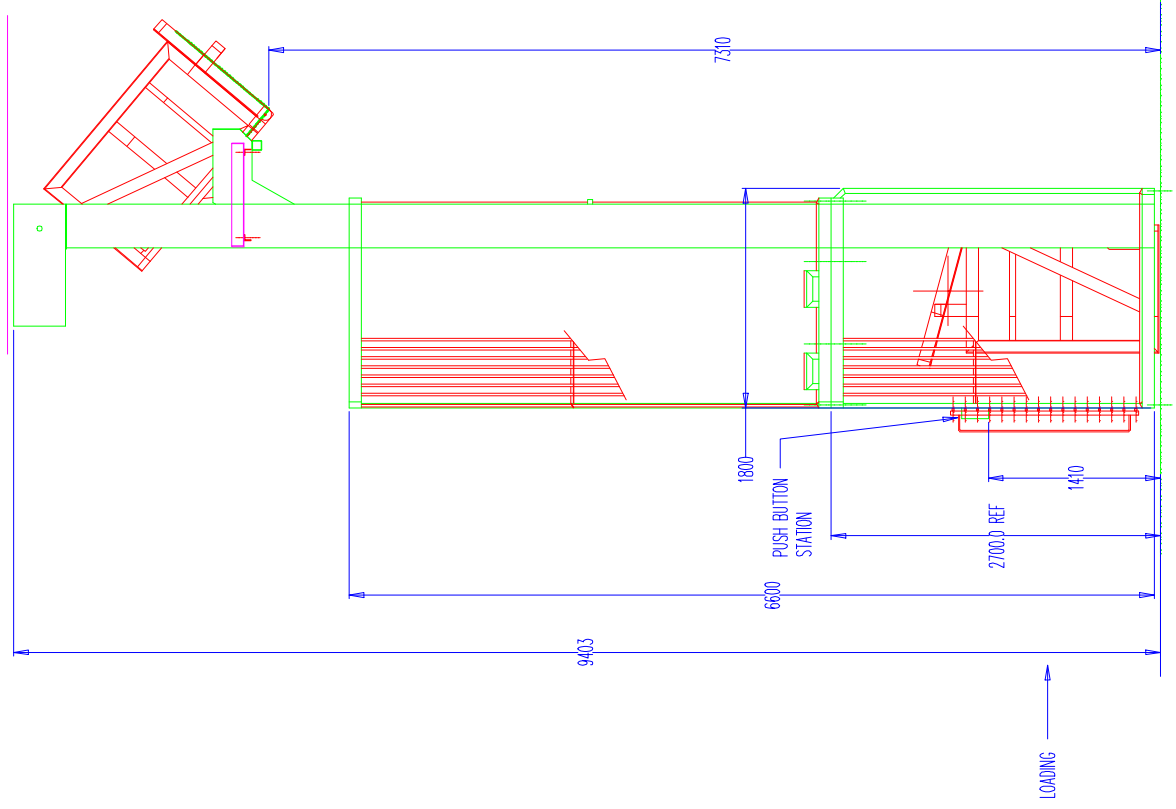
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section, 2mm stainless steel sheet and 20mm diameter stainless steel tube to meet the requirements of PD 5304:2005 Safety of Machinery. It encloses the double pillar palletainer tipper to a height of 6600mm on all sides with a hinged door through which the palletainer is loaded. The guard door is electrically and mechanically interlocked preventing the double pillar palletainer 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 double pillar palletainer tipper control system has provision for a 'Call for Product' signal to be connected.

**Double Pillar Palletainer tipper Specification**

DESCRIPTION	DOUBLE PILLAR PALLETAINER TIPPER
MODEL No.	BTM/1500/7310/B/G
CAPACITY	1500Kgs
TIPPING HEIGHT	7310mm
TIPPING ANGLE	130 DEGREES
OVERALL HEIGHT	9400mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	PALLETAINER 1200 x 1000 x 1700mm
BASE ARRANGEMENT	BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
LIMIT SWITCHES	ADJUSTABLE ROD
MOTOR DETAIL	7.5kW, 415V, 3 PHASE, 50 CYCLE
MOTOR BRAKE	415V SEPARATELY EXCITED
GEARBOX DETAIL	FLENDER
LOAD CHAIN	1" DUPLEX DELTA 'Z'
LIFT SPEED	ADJUSTABLE VIA AN INVERTER

**Double Pillar Palletainer Tipper Application Story**

This double pillar palletainer tipper was designed to load IQF Frozen Vegetables into vibratory feeder hoppers at a height of 7300mm at the start of a gravity fed multihead packing system for individual and mixed frozen vegetables. The cardboard palletainers weighing up to 1500 Kgs were loaded using pallet trucks and the tipping cycle was automated. The double pillar palletainer tipper lifted to an intermediate limit switch where it would stop and the tipper control would transfer to a remote push button station mounted at the upper level. The operator would then control the rate of discharge from the palletainer via 'dead man's handle' control. Once the whole palletainer was discharged, the operator would send the empty palletainer back down where it could be removed and replaced.



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
ART	DATE
	15.03.97
DRAWING NUMBER	
BP1490-2	

REVISION NUMBER

CUSTOMER

DRAWING TITLE

DOUBLE PILLAR PALLETAINER TIPPER  
BOLTED GUARDED

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DRAWN THIRD ANGLE PROJECTION



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