

Pneumatic Bin Tipper

Pneumatic Bin Tipper BTP/100/1000/B/G/R

Pneumatic Bin Tipper Description

This pneumatic bin tipper is designed to lift and tip an empty standard 200 Litre tote bin at a height of 1000mm to allow the bin to be pressure washed. The bin is tipped through an angle of 100 degrees and the whole pneumatic bin tipper can be rotated through 180 degrees to allow the interior and exterior to be washed. The pneumatic bin tipper is constructed from Grade 304 stainless steel and is a fully TIG welded construction throughout. The bin is lifted and tipped via a pair of pneumatic cylinders. The pneumatic bin tipper will operate on a 'dead mans handle' principle and is mobile with a pivot location plate bolted to the floor.



Pneumatic Bin Tipper/Washer for 200 Litre Tote Bin

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

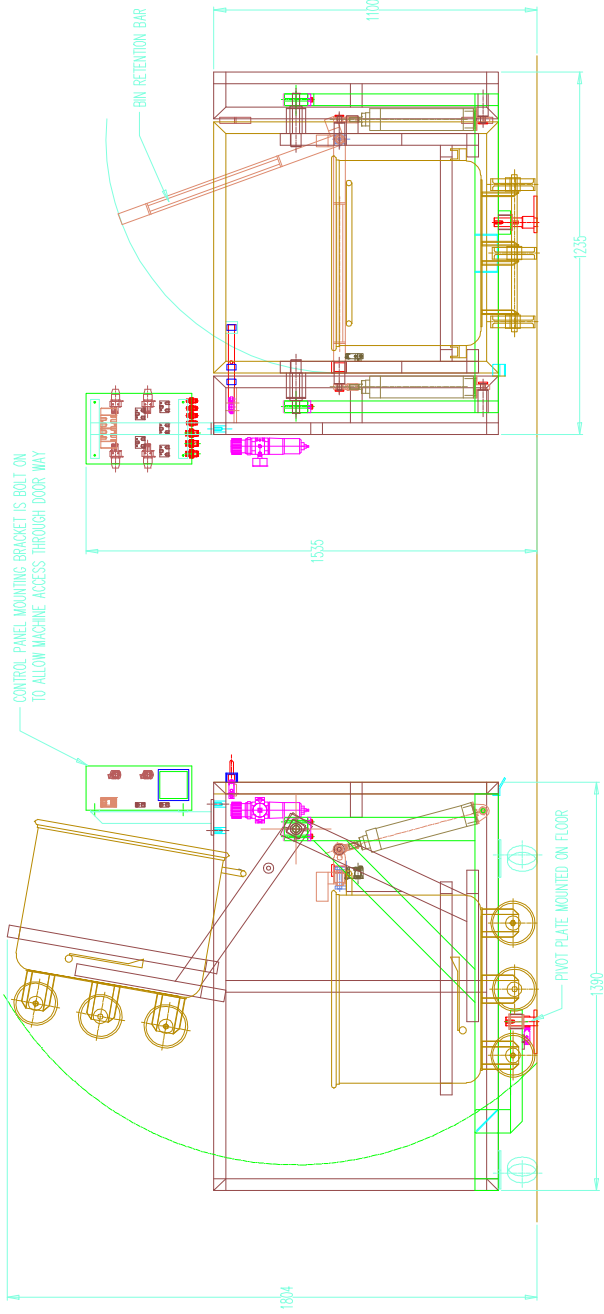
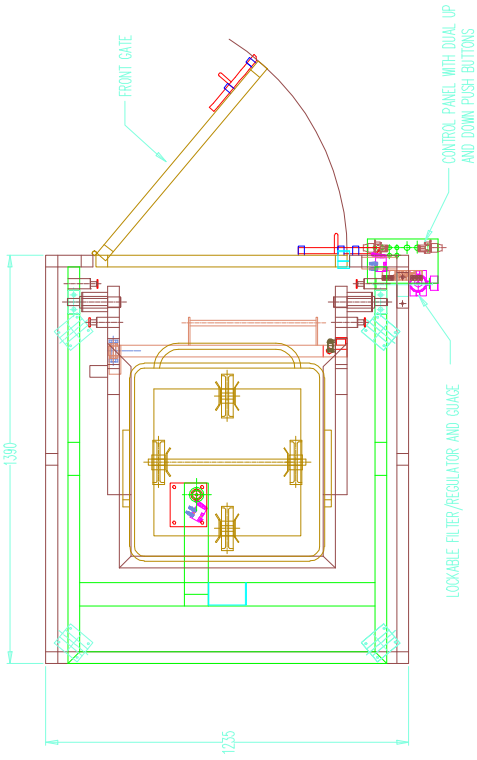
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 3mm wire, 40mm aperture stainless steel weld mesh to meet the requirements of PD 5304:2005 Safety of Machinery. It would enclose the pneumatic bin tipper to a height of 1100mm with a hinged door through which the bin is loaded. The guard door is interlocked preventing the pneumatic bin 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.

Pneumatic Bin Tipper Specification

DESCRIPTION	PNEUMATIC BIN TIPPER/WASHER
MODEL NO.	BTP/100/1000/B/G/R
CAPACITY	100Kgs
TIPPING HEIGHT	1000mm
TIPPING ANGLE	100 DEGREES
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
CONTAINER DESCRIPTION	STANDARD 200 LITRE TOTE BIN
BASE ARRANGEMENT	MOBILE WITH PIVOT LOCATION BOLTED TO THE FLOOR
CONTROL CIRCUIT	PNEUMATIC
LIMIT SWITCHES	PNEUMATIC

Pneumatic Bin Tipper Application Story

The pneumatic bin tipper was designed to lift and tip an empty tote bin using pneumatic cylinders to allow the tote bin to be washed out at an ergonomically acceptable position. The tote bin was tipped through 100 degrees and both the inside and outside of the bin could be washed with a high pressure hose. Any water used could easily drain off and there was no risk of injury to the operator through handling the bin to tip water out etc. The bin was loaded on the 'dirty' side and after cleaning, the whole pneumatic bin tipper could be rotated through 180 degrees and the clean bin was unloaded on the 'clean' side.



CONTROL PANEL MOUNTING BRACKET IS BOLT ON TO ALLOW MACHINE ACCESS THROUGH DOOR WAY

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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 JPW	CHECKED DATE 72-07-04
DRAWING NUMBER BP2807-1	

REVISION NUMBER	CUSTOMER	DRAWING TITLE
		PNEUMATIC 200 LITRE TOTE BIN TIPPER WASHER MOBILE GUARDED