

Stainless Steel Dolaf Hoist

Stainless Steel Dolaf Hoist for 600 Litre Dolaf Bins BTH/750/1450/B/G

Stainless Steel Dolaf Hoist Description

This stainless steel Dolaf hoist is designed to lift and tip a 600 Litre Dolaf bin at a height of 1450mm. The stainless steel Dolaf hoist is constructed from Grade 304 stainless steel and is a fully TIG welded construction throughout. This stainless steel Dolaf hoist would be powered via a hydraulic powerpack and would tip the containers by the extension of a pair of stainless steel hydraulic cylinders. The stainless steel Dolaf hoist will operate on a 'dead mans handle' principle and is designed to be bolted to the floor. The hydraulic cylinders will be fitted with hydraulic fuses to prevent the bin from falling in the unlikely event of a hose failure.



Stainless Steel Dolaf Hoist for 600 Litre Dolaf Bin

Call now on **01495 312 172**

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Safety Guard to PD 5304:2005 Safety of Machinery

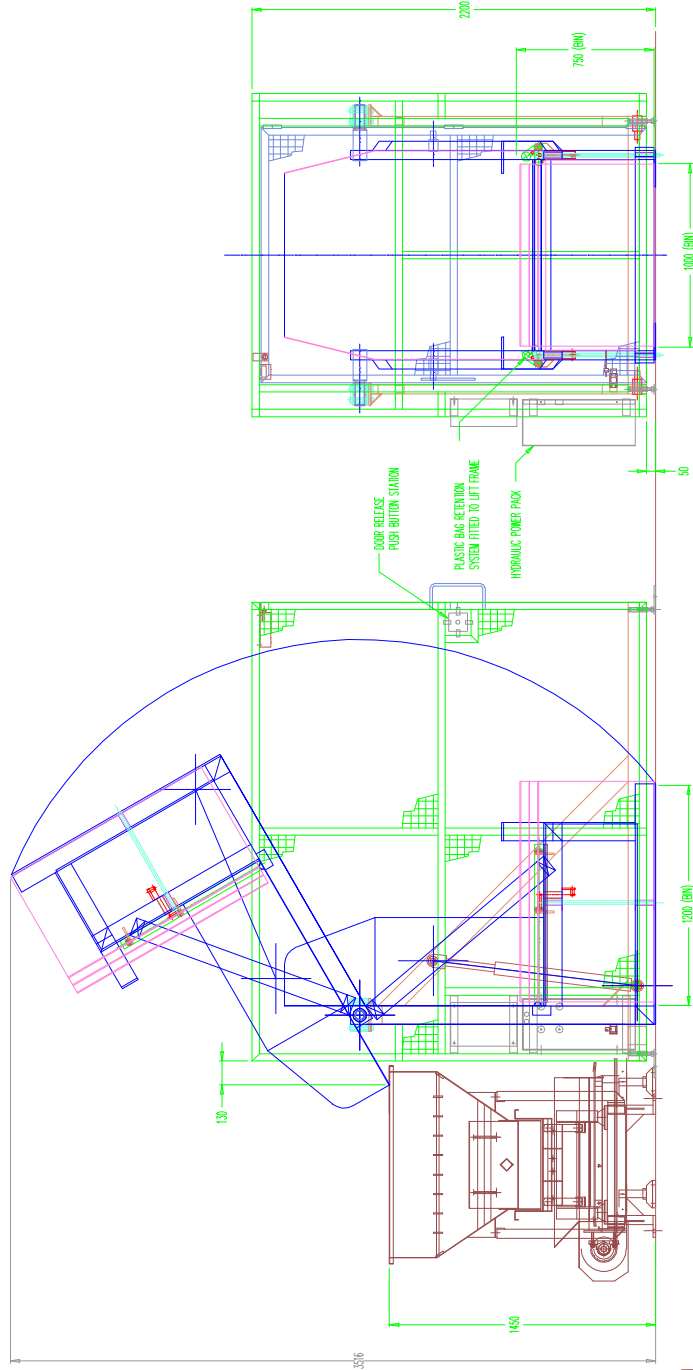
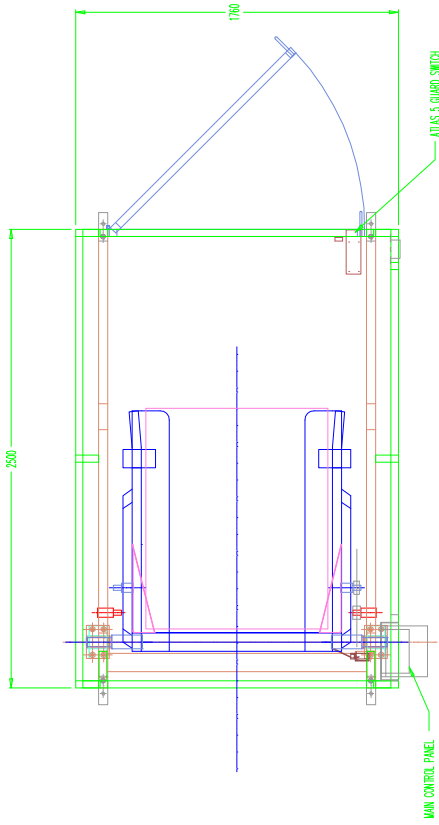
The safety guard is constructed from 40 x 40 x 3mm stainless steel box section and 3mm wire, 40mm aperture stainless steel weld mesh to meet the requirements of PD 5304:2005 Safety of Machinery. It would enclose the stainless steel Dolaf hoist to a height of 2200mm on two sides, 1200mm at the front with a hinged door on the fourth side. The guard door is electrically and mechanically interlocked preventing the stainless steel Dolaf hoist 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.

Stainless Steel Dolaf Hoist Specification

DESCRIPTION	HYDRAULIC STAINLESS STEEL DOLAF HOIST
MODEL NO.	BTH/750/1450/B/G
CAPACITY	750Kgs
TIPPING HEIGHT	1450mm
TIPPING ANGLE	120 DEGREES
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	600 LITRE DOLAF BIN
BASE ARRANGEMENT	BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
POWERPACK	415V, 50 Hz, 3 PHASE & NEUTRAL

Stainless steel Dolaf hoist Application Story

This stainless steel Dolaf hoist was required to lift and tip Dolaf bins of cocktail sausages into a vibratory feeder and subsequently onto an inclined flighted conveyor and a multi head weighing system. The stainless steel Dolaf hoist operation was automated with a timed tip operation that allowed the bin to gradually tip further and further until fully discharged. This meant that the amount of product tipped did not overload the vibratory conveyor or other equipment down stream.



REFER TO JOB CARD FOR HANDING
 REMOVE ALL SHARP EDGES & BURRS
 DRAWN THIRD ANGLE PROJECTION



TOLERANCES: (UNLESS OTHERWISE STATED)
 FABRICATIONS: +/- 2.0 mm
 MACHINING: +/- 0.2 mm
 SHEET METAL WORK: +/- 0.5 mm & +/- 1.0 DEGREE
 Date: 07-06-02
 Check: JPW

Revision Number:
 Customer:
 Drawing Number: BP2436-1

Revision Number:
 Customer:
 Drawing Title: HYDRAULIC 600 LITRE DOLAF BIN TIPPER BOLTED GUARDED

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