

Goods Elevator

Goods Elevator
PLM/1000/4100/B/G

Goods Elevator Description

This goods elevator is a double pillar machine with a Safe Working Load of 1000 Kgs and a lift height of 4100mm. The lifting platform will be big enough to allow a standard pallet (1200 x 1000mm) to be loaded using a hand pallet truck. At the upper level, there will be a landing plate to allow easy unloading. The goods elevator is constructed from mild steel with a painted finish and would be bolted to the floor. Lifting with this goods elevator 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.



Double Pillar Goods Elevator for Standard Pallets

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

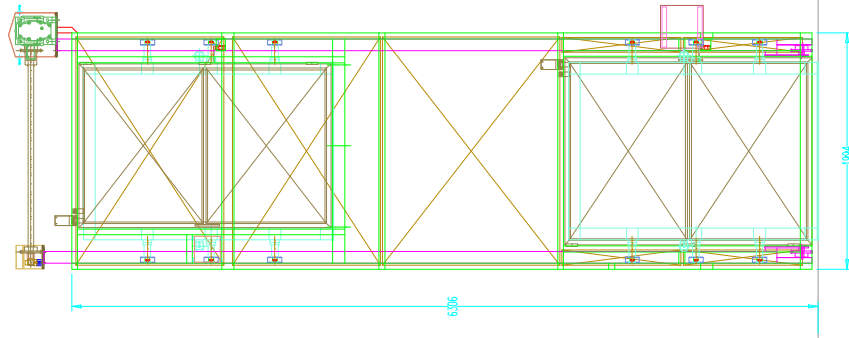
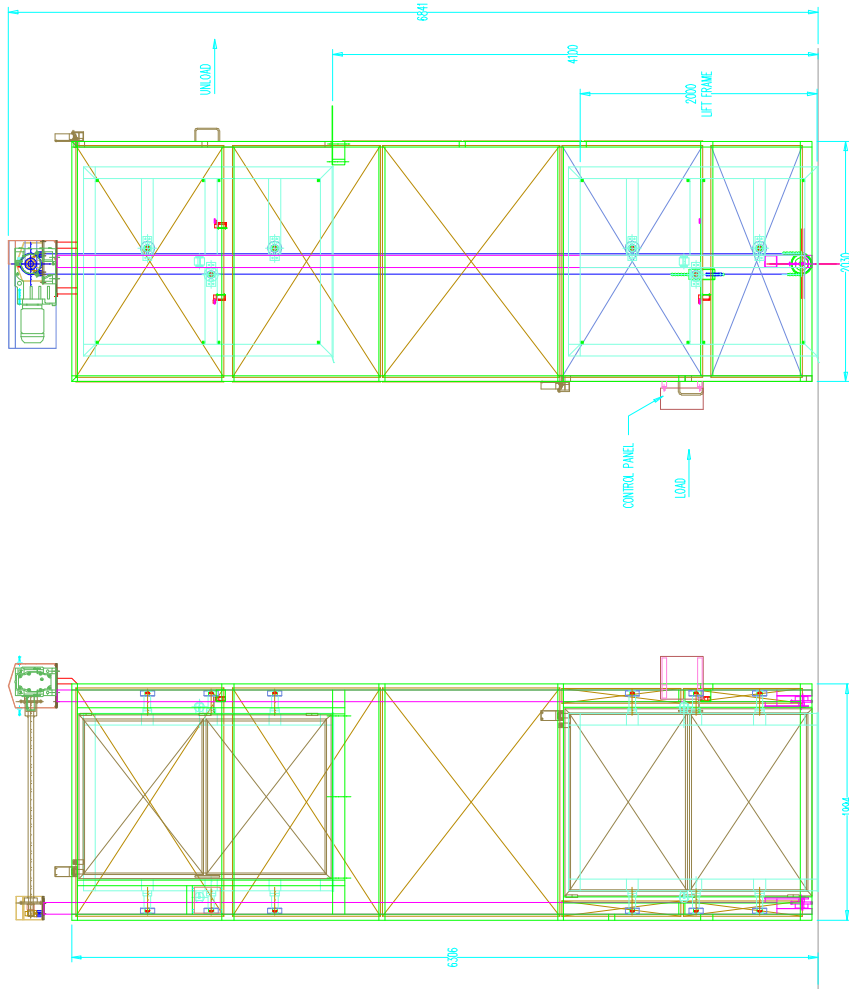
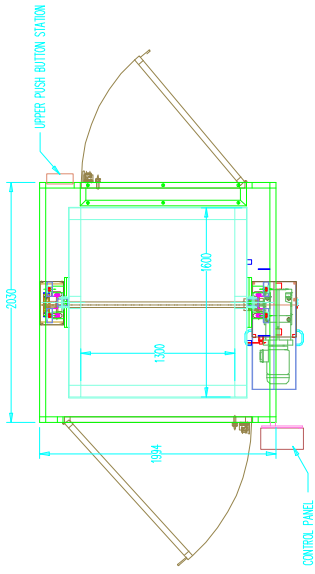
The safety guard is constructed from 40 x 40 x 3mm mild steel box section and 2mm mild steel sheet to meet the requirements of PD 5304:2005 Safety of Machinery. It would enclose the goods elevator to a height of 6300mm with a hinged door at each level through which the pallets can be loaded and unloaded. Each door is electrically interlocked to prevent the goods elevator being operated with a door open and in addition, the doors are mechanically locked closed whilst the machine is running. Each door may only be opened when the lifting carriage is at the appropriate level.

Goods Elevator Specification

DESCRIPTION	DOUBLE PILLAR GOODS ELEVATOR
MODEL No.	PLM/1000/4100/B/G
CAPACITY	1000Kgs
LIFT HEIGHT	4100mm
OVERALL HEIGHT	6300mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
PLATFORM SIZE	1600 x 1300mm
CONTAINER DESCRIPTION	STANDARD PALLET 1200 x 1000mm
BASE ARRANGEMENT	BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
LIMIT SWITCHES	ADJUSTABLE ROD
MOTOR DETAIL	2.2kW, 3 PHASE, 50 CYCLE, 415V
MOTOR BRAKE	415V SEPARATELY EXCITED
GEARBOX DETAIL	FLENDER
LIFT CHAIN	1" SIMPLEX SEDIS DELTA 'Z'
TENSION CHAIN	3/4" SIMPLEX SEDIS DELTA 'Z'
LIFT SPEED	6.4 METERS/MINUTE

Goods Elevator Application Story

This goods elevator was required to elevate a standard pallet (1200 x 1000mm) from a ground floor level onto a mezzanine floor at a height of 4100mm. This particular goods elevator had a 'Z' loading configuration so that the pallet was loaded at the front and unloaded at the back of the machine at the upper level. This goods elevator can be mounted on an existing floor and therefore does not require a pit to be created with the requisite drainage issues.



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
	31-05-05
DRAWING NUMBER	
BP2991-1	

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REVISION NUMBER	CUSTOMER
DRAWING TITLE	DOUBLE PILLAR PALLET LIFT BOLTED GUARDED