

A photograph of a Trojan Free Standing Goods Lift in a warehouse. The lift is a tall, black, vertical structure with a silver, diamond-patterned safety gate. To the left, there are several wooden pallets stacked with boxes, some labeled 'SPAIN'. In the background, a forklift is visible, and the warehouse has a high ceiling with a red steel beam and a windowed upper level.

movemanSKG

Trojan

Free Standing Goods Lift

Trojan Description

Trojan is a compact self-contained goods lift designed for goods-only commercial and industrial use. Supplied in its own clad structure it requires merely a solid base and support at each floor making it ideal for serving mezzanines and giving significant construction cost advantages.

Trojan has a modular design and can be supplied with a number of cabin sizes. It is capable of transporting the largest palletised loads, wheeled bins and roll pallets. Lift capacities between 500 and 2000 kilograms make the lift ideal for shops, factories and distribution warehouses where space is at a premium.

Differing from a traditional goods lift in having no machine room or deep pit, Trojan is easy to install as it has minimal building work requirements. Pit depth is only 100mm and we can supply optional ramped access at the lower level if a pit is not possible.

As would be expected this goods lift is fully compliant with the Essential Safety Requirements (ESRs) of the European Machinery Directive. It is both safe and very reliable.

Trojan is also very efficient: It is space-efficient with its optimised modular design. It is also energy-efficient with its integral low energy consumption machinery.

A comprehensive range of options enable the Trojan to be tailored to your specific application. Differing door arrangements take account of material movement and building layout. Different doors can be specified dependent upon the type and nature of the loads being transported.

Aesthetically the clean and simple appearance of the Trojan goods lift will blend into any industrial or commercial environment. Alternative colour options are available that will work well with most modern factory and warehouse interiors.

The Trojan offers goods lift users a cost effective and efficient means of transferring heavy goods between floors and is 'built tough to stay tough'. Service and support packages are available and will ensure users enjoy the Trojan lift for many years.

Trojan Options

- Folding 'concertina' shutter gate landing doors
- Lattice gate lift cabin door(s)
- Landing doors 1, 2 or 4-hour fire-rated
- Cabin floor finished in anti slip vinyl or aluminium chequer plate
- Lift cabin ceiling in mesh instead of steel sheet
- Lift cabin protective finishes in wood, plastic or metal patterns.
- Alternative colours and non-epoxy paint
- Key access control switch fitted to landing call stations
- Installation in brick/blockwork shaft
- Additional structural support framework to cope with existing deep lift pits



Trojan Advantages

Fully compliant with the European Machinery Directive 2006/42/EC

Self supporting - no need for support walls or expensive and unsightly structural steelwork

Steel enclosure supplied or alternatively lift can be installed in a blockwork shaft if preferred

Pit only 100mm deep, or we will supply a ramp

Up to 2000kg lifting capacity

Generous platform sizes up to 2.0 x 2.0 metres

Custom sizes to suit particular applications

Low headroom and does not need a lifting beam

Operates from a standard 415v 3phs 50hz dedicated supply
Starting and running current 12.0 amp (20 amp fuse)

Enclosed lift cabin with ceiling included

Shaft and cabin lighting included

Illuminated control buttons

Integral electrical equipment - no need for separate machine room

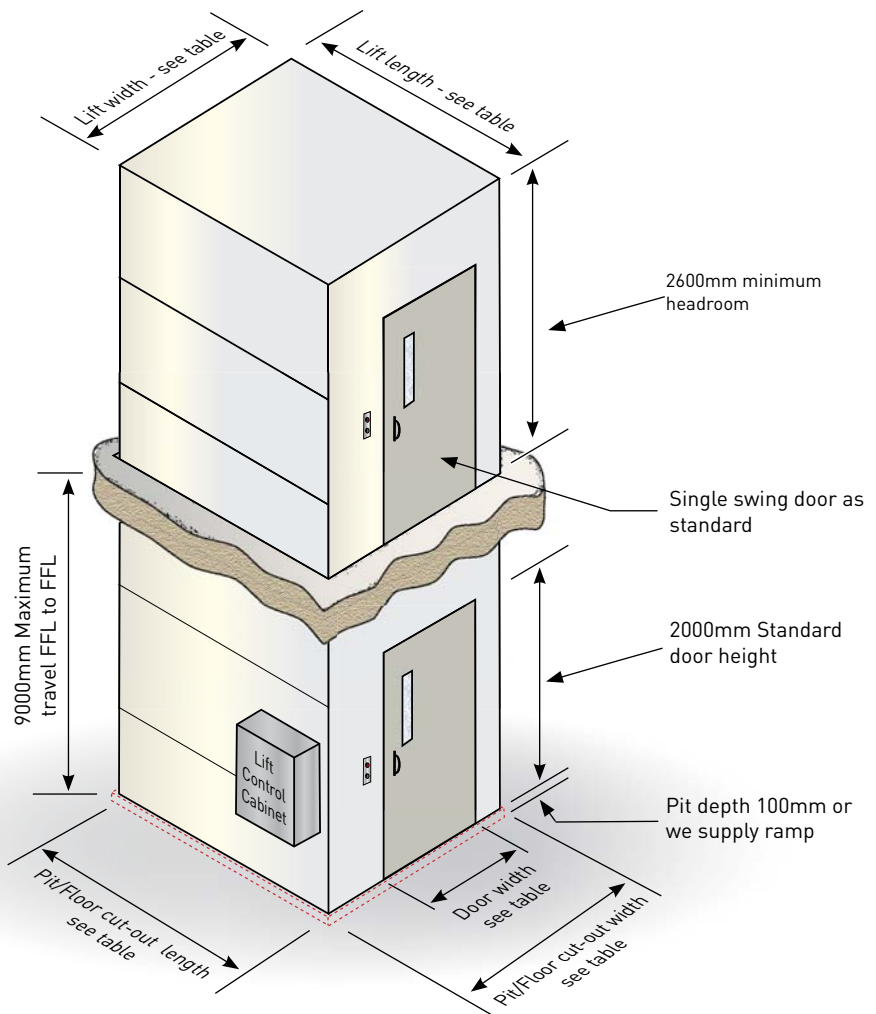


Trojan Data

Drive	Chain drive
Load	500, 1000, 1500, 2000kg
Travel	Up to 9 metres
Headroom	Internal cabin height plus 600mm
Internal Cabin Height	1800, 1900, 2000(standard), 2100 or 2200mm
Platform Sizes:	Widths from 1000 to 2000mm in 100mm increments Lengths from 1000 to 2000mm in 100mm increments
Minimum Shaft Width	Cabin width plus 470mm
Minimum Shaft Depth	Cabin depth plus 215mm
Cabin Finish	Beige Epoxy Paint RAL 7032
Configuration	Single Entry or Open Through
Speed	0.15 metres per sec
Footprint	Dependent on cabin size - see table
Pit	100mm deep or a ramp will be supplied
Controls	Call, Send and Emergency Stop buttons at each landing
Supply voltage	415v, three phase, 50 Hz
Duty cycle	15 return cycles per hour
Landing Doors	Hinged swing doors as standard - single or twin leaf
Shaft	self supporting in prefabricated modules
Finish	Black Epoxy Paint RAL 9005
Lighting - Cabin	Operates automatically on opening/closing of doors
Lighting - Shaft	External switch operated for safe lift maintenance
Safety	Compliance with the Essential Safety Requirements (ESRs) of the European Machinery Directive 2006/42/EC Safety gear for retarding and stopping the lift cabin in an emergency situation Fully electrically and mechanically interlocked doors Shaft lighting Emergency lowering in case of power failure Ladder access to the machinery at head of shaft

TROJAN Goods Lift

Typical Arrangement



Platform Size		Overall Size		Pit/Floor cut-out		Door Opening Width (height 2000mm std)		Shaft by Others (if required)	
Width	Length	Width	Length	Width	Length	Swing Door	Shutter Gates	Width	Length
1200	1500	1600	1655	1650	1700	Single Door 900 to 1100mm	825 to 1738mm	1700	1750
1500	1500	1900	1655	1950	1700			2000	1750
1500	2000	1900	2155	1950	2200	Twin Doors 1200 to 1900mm		2000	2250
2000	2000	2400	2155	2450	2200			2500	2250

Alternative sizes are available on length and width in increments of 100mm up to 2000mm x 2000mm

Electrical Supply Requirements:

415v 3phs 50hz dedicated supply to a lockable isolator. Starting and running current 12.0 amps (20 amp fuse)

Please note: These illustrations contain typical details only and are provided as a guide. They are not intended to be used for manufacture