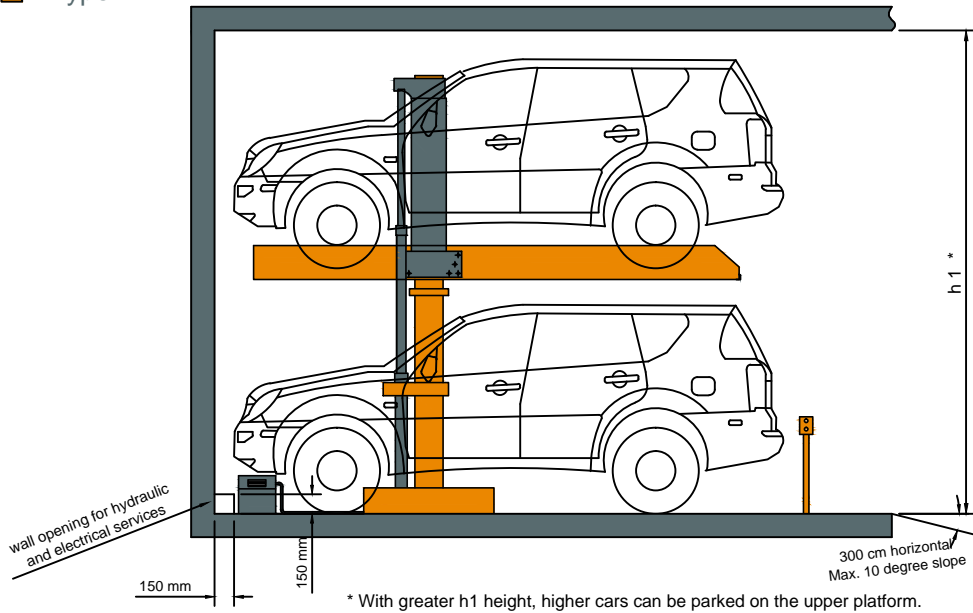


Load per platform max. 2000 kg / 2600 kg (load per wheel max. 500 kg/ 575 kg).

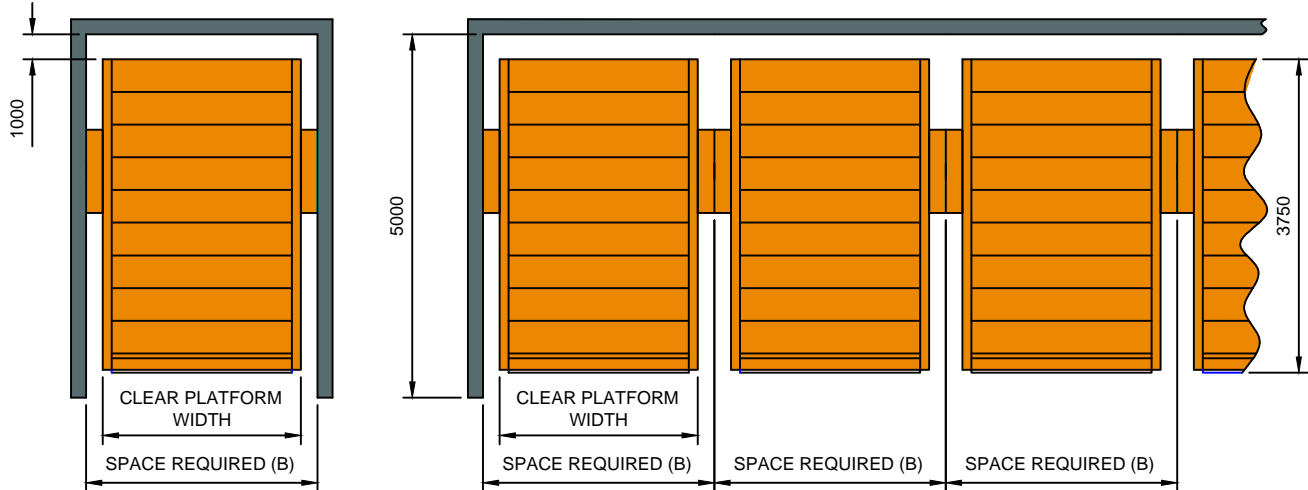
Type



Comfort type (XL)	XL 3B	XL 3A	XL 2B	XL 2A	XL 1B	XL 1A
Height h1* single unit	3700	3700	3600	3600	3500	3500
Car height lower level	2000	2000	1900	1900	1800	1800
Car height upper level*	1500	1500	1500	1500	1500	1500
Space required (B*)	2650	2450	2650	2450	2650	2450
Gives clear platform width	2300	2100	2300	2100	2300	2100

Standard type (X)	X 3B	X 3A	X 2B	X 2A	X 1B	X 1A
Height h1* single unit	3400	3400	3300	3300	3200	3200
Car height lower level	1700	1700	1600	1600	1500	1500
Car height upper level*	1500	1500	1500	1500	1500	1500
Space required (B*)	2650	2450	2650	2450	2650	2450
Gives clear platform width	2300	2100	2300	2100	2300	2100

Width Dimensions



Notes

1. Car width max. 1900 or 1700 mm with platform width of 2300 or 2100 mm. Smaller platform width does reduce the max. car width accordingly! For cars with two outside mirrors, a minimum platform width of 2500 mm is recommended.
2. According to ISO 3864 the floor has to be marked with 100 mm wide yellow-black stripes at a distance of 1000 mm from the platform edge by the purchaser (see "statics and construction requirements" on page 2).
3. It is not possible to have channels or undercuts and/or concrete haunches along the floor-to-wall joints. In the event that channels or undercuts are necessary, the system width needs to be reduced or the installation width needs to be wider.
4. The manufacturer reserves the right to modify or alter above specifications.



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Working Hours
Monday – Saturday 9:00 – 19:00
Services all 7 days a week

Electrical Datas

Item	Performance	Quantity	Designation	Position	Frequency
01	By customer	1 Unit	Electric meter	In the feed cable	
02	By customer	1 Unit	Fuse or automatic circuit breaker 3x6 A slow blow acc. to DIN VDE 0100 p. 430	In the feed cable	1 per power pack
03	By customer	As locally required	Acc. to locally power supply regulations 3PH + N + PE*	Feed cable to main switch.	1 per power pack
04	By customer	Each 10 M	equipotential bonding safety load out connection	Comer pit floor / rear wall	
05	By customer	1 Unit	equipotential bonding safety compliant to the DIN EN 60204 standard.	From the lead-out connection to the system.	1 per car lift
06	By customer	1 Unit	Mark main switch , lockable to prevent unauthorized switching on	Above operating device	1 per power pack
07	By customer	10 M	PVC control cable with marked strands and protective conductor 5 x 1.5 sq.	From main switch to hydraulic power pack	1 per power pack

Items 8–16 are included in **LT.ParkSmart's** scope of delivery unless otherwise specified in the offer / order.

* DIN VDE 0100 part 410 + 430 (not under permanent load) 3PH+N+PE (three-phase current) Note: Where a door is used to close the garage, the manufacturer of the door must be consulted before the electric cable is laid.

The electrical components supplied by the manufacturer must be connected in accordance with the appropriate wiring diagram and local regulations. The electrical supply to the power pack(s) must be provided prior to or during installation to

enable our fitters to complete their work satisfactorily and to check the correct functioning of the units. In compliance with the DIN EN 60204 standard provisions, all systems must be connected directly on site with an earthed equipotential bonding. The leadout connection must be at a 10 m distance!

Noise protection

Basis is the German DIN 4109 "Noise protection in buildings". With the following conditions required 30 dB (A) in rooms can be provided:

- noise protection package from our accessory
- insulation figure of the construction of min. R'w = 57dB
- walls which are bordering the parking systems must be done as single wall and deflection resistant with min. m' = 300 kg/m²
- solid ceiling above the parking systems with min. m' = 400 kg/m²

At differing constructional conditions additional sound absorbing measures are necessary. The best results are reached by separated sole plates from the construction.

Temperature

The installation is designed to operate between +5° and +40°C. Atmospheric Humidity: 50% at +40°C. If the local circumstances differ from the above please contact **LT.ParkSmart**.

Hydraulic Power Pack

For the accommodation of the hydraulic power packs an additional space is required which will be determined during the verifications of the drawings, e.g. in a wall recess.

Dimensions

All dimensions shown are minimum. Construction tolerances must be taken into consideration. All dimensions in mm.

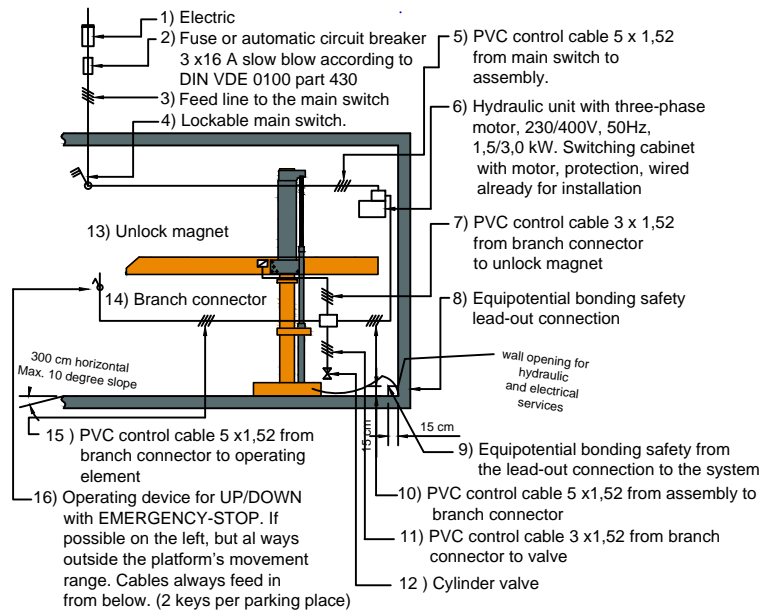
Railings

If walkways are arranged directly to the side or behind the systems, railings have to be provided acc. EN ISO 13857 by client acc. to local requirements, height min. 200 mm.

Maintenance

Regular maintenance by qualified personnel can be provided by means of an Annual Service Contract.

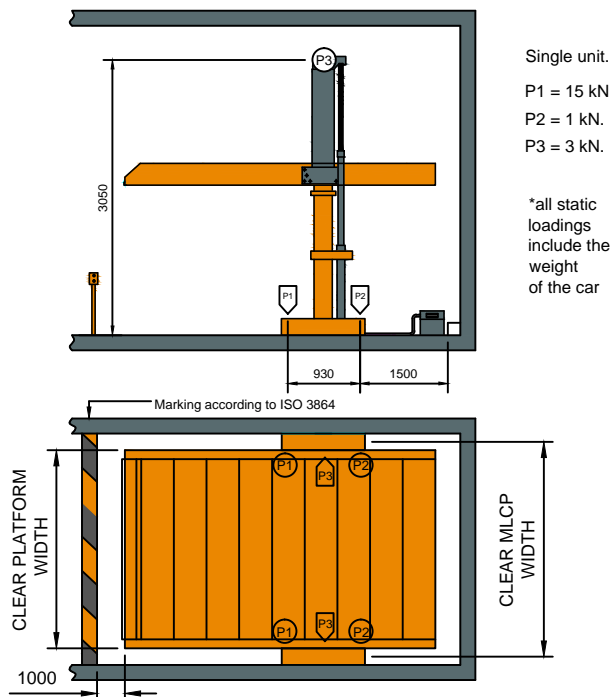
Installation Diagram



Protection against corrosion

Independent of a maintenance working has to be carried out acc. to **LT.ParkSmart** Cleaning and Maintenance Instruction regularly. Clean up galvanized parts and platforms of dirt and road salt as well as other pollution (corrosion danger)! Pit must be always ventilated and deaired well.

Static and construction requirements

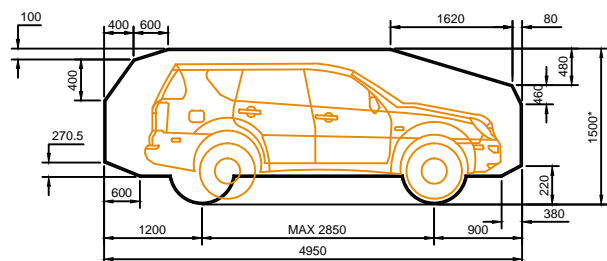


The units will be fixed on the anchor points with heavy duty anchor bolts to a depth of approx. 100–120 mm. Base plate thickness minimum 18cm! Concrete quality according to the static requirements of the building, but for the dowel fastening we require a concrete quality of min. C20/25. Special foundations are required with asphalt floors or paving-stones.

Notes

In case of lower cars with spoilers, contact Company **LT.ParkSmart** or local agent (see "clearance profile").

Clarence Profile (Slandered Car)



* The total car height includes roof rail and antenna fixture must not exceed the mentioned max. height dimension.