

Concrete requirements:

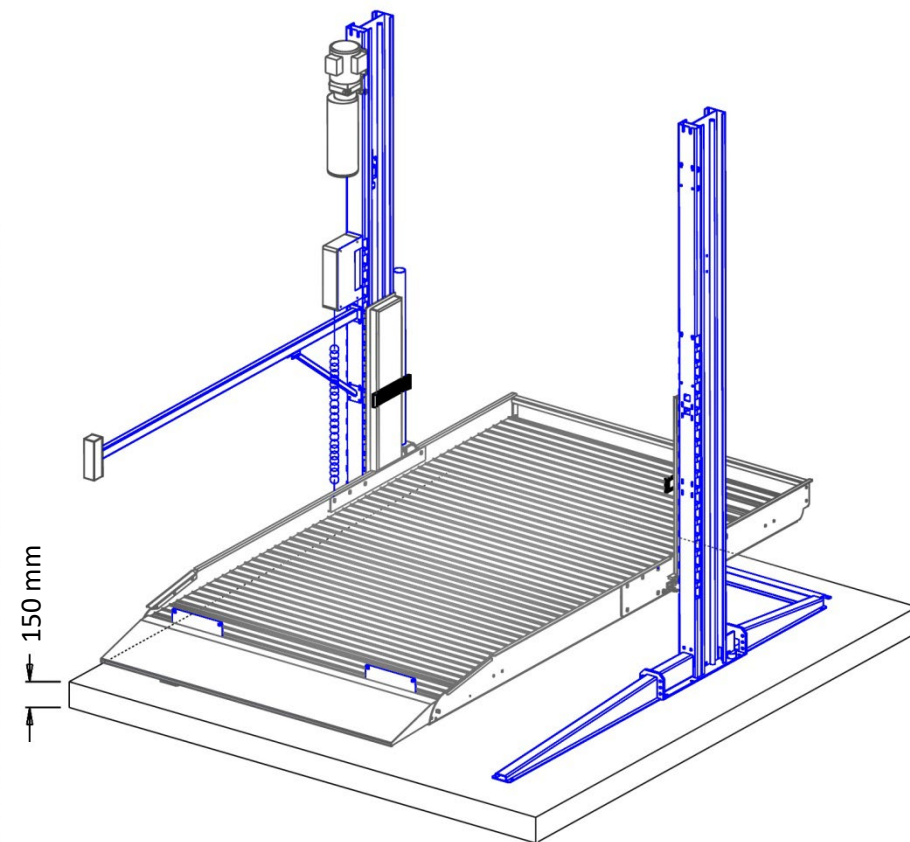
Concrete C20/25 according to DIN 1045-2 (or DIN EN 206-1), designation according to old DIN 1045 concrete B25. Consisting of CEM II 32.5 according to EN-197-1, grain size group 0/22, maximum grain size 22 according to DIN EN 12620.

Floor horizontal and flatness less than 5 mm over the entire surface.

New concrete must cure for 28 days.

Other requirements:

- The surrounding soil must be suitable for the load, e.g. no sandy soils etc.
- Reinforcement of the concrete is only not necessary for the lifting platform if it is used properly.
- If in doubt, the foundation should always be designed by a structural engineer.



The following must be observed for floors exposed to frost:

In the case of frost exposure, the floor must correspond to exposure class XF4, as dripping de-icing agent cannot be ruled out.

This results in the following minimum requirements for concrete exposed to frost:

Exposure class:	XF4
Maximum w/c:	0.45
Minimum compressive strength:	C30/37 (instead of C29/25)
Minimum cement content:	340 kg/m ³
Minimum air void content:	4.0%

It must be noted that the lifting platforms are not designed for outdoor use. outdoor use.

Although the control box complies with IP54, the rest of the electronics, motors and limit switches have a maximum IP44 rating.

Stand: 24.11.2020

Foundation plan | Two post parking lift TW227P

Page 1 from 1

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