



Independent parking, Indoor (only for Indoor operation)

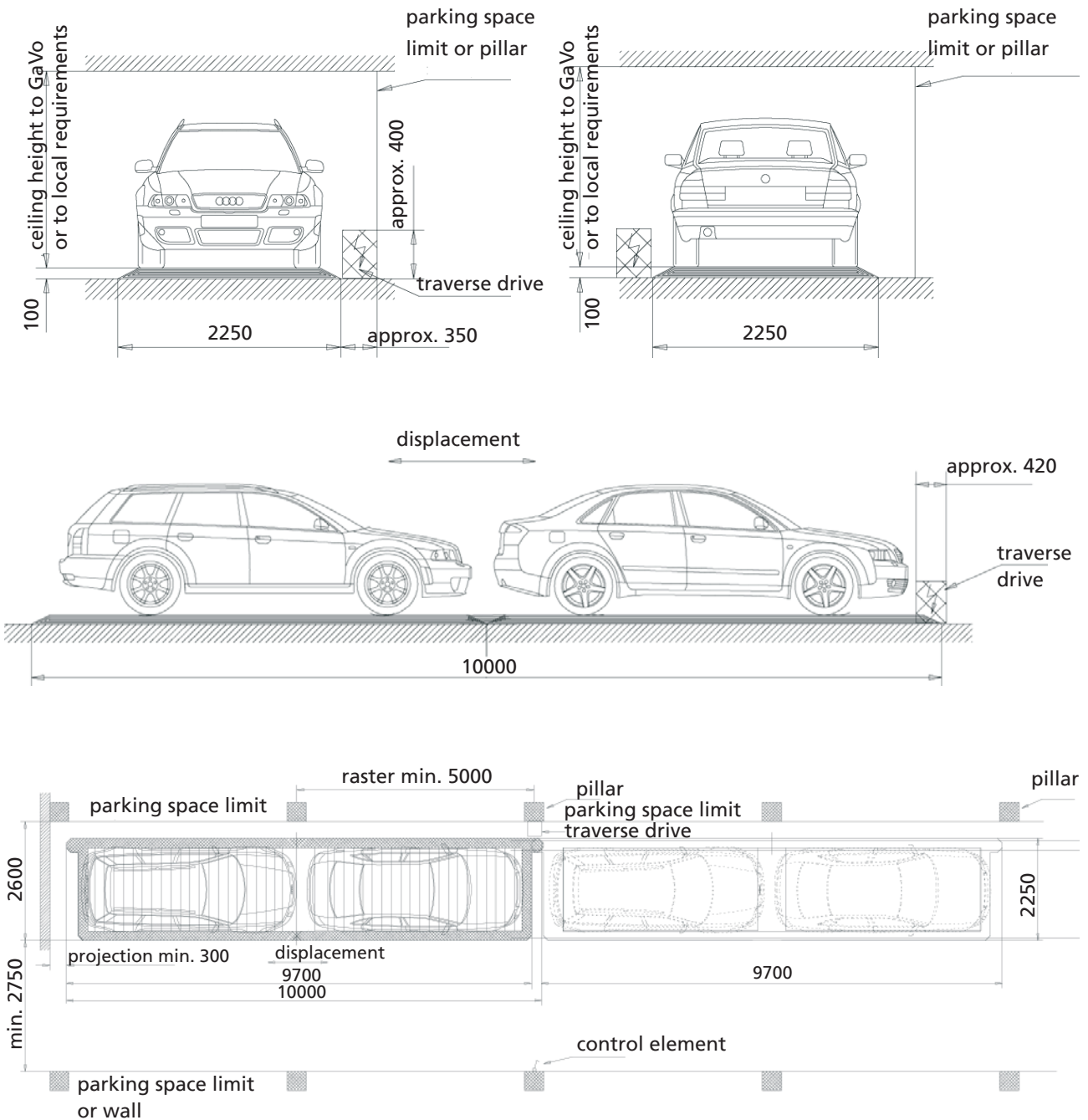
Longitudinal sliding platform(s)

Maximum space utilization with use of the pallet(s) in the driving way

Empty platforms are designed to be driven over by cars accessing the conventional bays.

Area of application: Hotels and office buildings

Longitudinal sliding paller double for 2 cars



Technical data longitudinal sliding pallet single and double

vehicle length (cm)	vehicle width (cm)	vehicle height (cm)	vehicle weight (kg)	load per wheel (kg)
500	190	10*	2000	500
* max. 10cm lower than the ceiling height				

Please take into account that the given dimensions apply to one car. For the longitudinal double pallet the measures (length, width, weight, wheel load) have to be duplicated.

Technical information

Legal stipulations

Individual parking spaces are permitted setting May 1993 § 4 on longitudinal sliding pallets if the following conditions are satisfied according to sample garage ordinance (MGAVO):

- A rest driving lane breadth must remain of mind. 275cm next to the parking pallet.
- It is not allowed to place the sliding platform in front of power-operated car parking systems.
- No through traffic may take place with oncoming traffic in driving lanes.
- traverseable The parking pallet must be traverseable from all sides.
- The clearance must have a clearance height of min. 210cm in certain going areas (in some federal states also 220cm). Ventilation plants, stringer and other components have to be taken into account. The sliding pallet has a height of one's own of approx. 10cm.

Evenness and tolerances

According to DIN EN 14010 the danger of trapping between nonparallel platforms edges and the ground has to be prevented. The distance between the lower flange of the platforms and the garage ground must therefore not exceed 2cm. To adhere to the safety regulations and to get the necessary even ground, the tolerances of evenness to DIN 18202, table 3, line 3 must not be exceeded. Therefore exact levelling of the ground by the client is essential. [Abstract from DIN 18202, table 3](#)

column	1	2	3	4	5	6
line	reference	Vertical measurements as limits in mm with measuring points distance in m to*				
		0,1	1	4	10	15
2	Unfinished to surface of covers, subconcrete and subsoils for higher demands, e.g. as foundation for cast plaster floor, industrial soils, paving tiles and slabstone paving, compound floor paving. Finished surfaces for minor purposes, e.g. warehouses, cellar.	5	8	12	15	20
3	Finished grounds, e.g. floor pavement serving as foundation for coverings. Coverings, tile coverings, PVC flooring and glued coverings.	2	4	10	12	15

* Intermediate values are to be taken out the diagram and must be rounded-off to mm.

Above-ground drive

The driving rails and the guide rails become doweled at the assembly of the sliding pallets in the underground garage in front of pillars directly on the ground. Note: If the longitudinal pallets are positioned behind each other it has to be made sure that from one control element only platforms are allowed to be moved that are within a radius of 10m to ensure supervision.

Costumers duties

- lockable main switch according to VDE 0113 T1, assembled in a height of 1,70 - 1,90m, in front, directly accessible
- bottom evenness according to DIN 18202, table 3
- black/yellow hatch, 10cm width, according to EN 14010 point 5.10.6
- lighting to DIN 67528 „illumination of parking lots and buildings for parking“

Protection against corrosion „Classic“ and „Classic Plus“ as standard

The water leading parts as driving plates and side carriers are zincd (surface galvanized) („Classic“) and additional powder-coated („Classic Plus“); the zinc-thickness is on both sides 275g/m². This corresponds to a layer thickness of at least 20mm acc. to EN 10142/10143. Bolts, screws, nuts etc. are galvanized. The housing of the power unit is painted.