

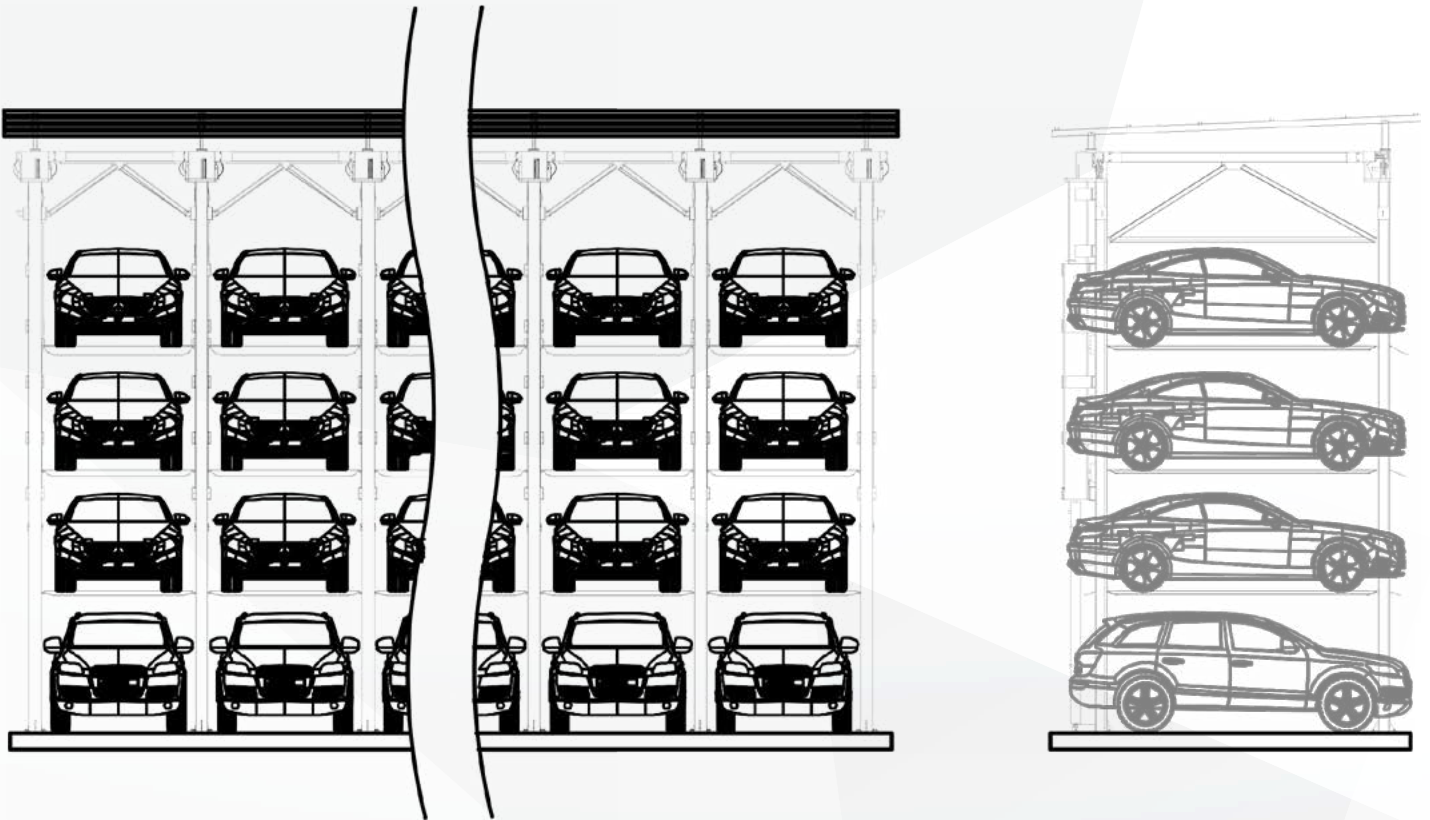
> MULTILEVEL

WE EXPAND
YOUR PARKING
CAPACITY

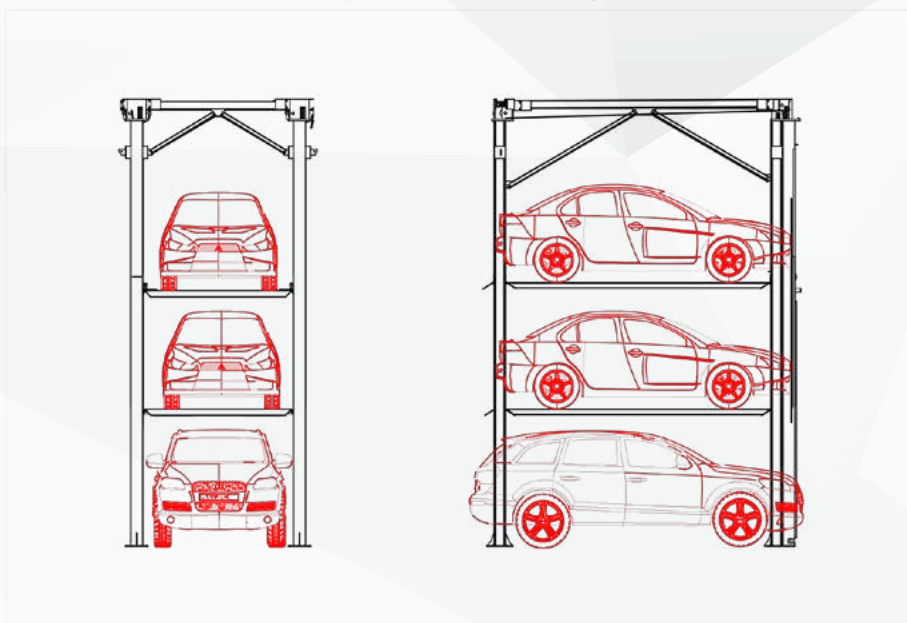


DATASHEET

» MULTILEVEL 4K



» MULTILEVEL 3K



» TECHNICAL SPECIFICATION

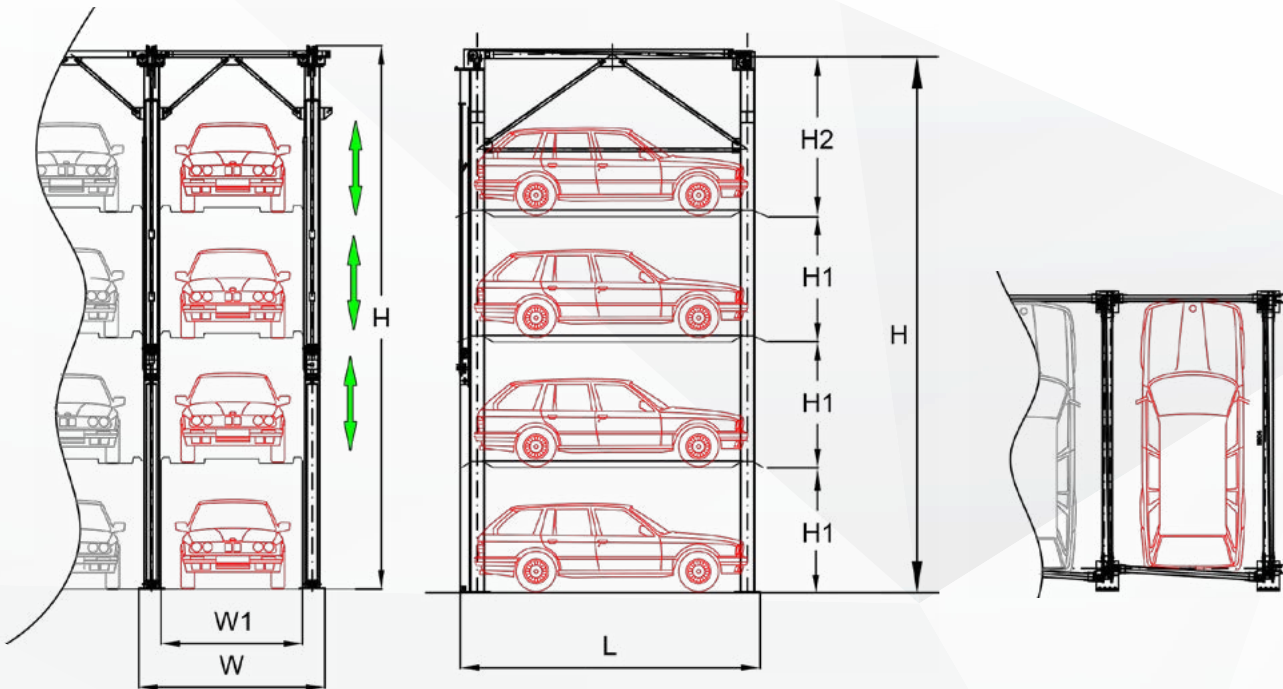
- › Easy to operate system with a key for lifting platforms up and down.
- › 3 or 4 story versions.
- › Most efficient and affordable solution for long term or daily car stacking.
- › If required, increasable lifting capacity and dimensions for SUV and Sedan vehicle.
- › No need site building for concrete ground if there is enough concrete thickness.
- › Most popular system for increasing the parking capacity till 4 times without pit.
- › Cost saving in case using the common columns liked together.

» STANDART EQUIPMENT

- › Hydraulic and mechanic synchronization system.
- › In common use minimum 3, maximum 6 group type
- › electro - hydraulic power pack unit.
- › Locked key - switch with emergency stop in dead's man's control.
- › Electro-magnetic mechanic position locker controls with a fully automatic button.
- › Mechanical position lock system against hose burst and oil leakage.
- › 2000kg lifting capacity per car.

» OPTIONAL EQUIPMENT

- › Hot Dip galvanized for all steel parts.
- › Roof and /or outside covering.
- › Audible and illuminated warning system.
- › Vehicle detection sensor.
- › Production possibility for special requirements; more lifting capacity or wider platforms etc.
- › Separate hydraulic power pack, electric and control system for each unit.

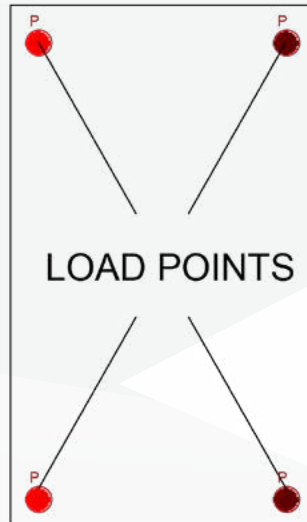
» TECHNICAL INFORMATION


MULTILEVEL 3K		
EXPLANATION	SEDAN	SUV
Total Height (H)	505 cm	635 cm
Top Deck Clearance Height (H2)	165 cm	205 cm
Lower Decks' Clearance Height (H1)	153 cm	198 cm
Necessary Concrete Thickness	30 cm	30 cm
Platform Length (L)	427 cm	427 cm
Inner Width (W1)	230 cm	230 cm
Total Width (W)	282 cm	282 cm
Lifting Capacity	2000kg x 2	2500kg x 2
Lifting Speed	31 x 2 sec	40 x 2 sec
Motor	5,5 kW/3 Phase	5,5 kW/3 Phase

MULTILEVEL 4K		
EXPLANATION	SEDAN	SUV
Total Height (H)	678 cm	858 cm
Top Deck Clearance Height (H2)	185 cm	230 cm
Lower Decks' Clearance Height (H1)	153 cm	198 cm
Necessary Concrete Thickness	30 cm	30 cm
Platform Length (L)	427 cm	427 cm
Inner Width (W1)	230 cm	230 cm
Total Width (W)	282 cm	282 cm
Lifting Capacity	2000kg x 2	2500kg x 2
Lifting Speed	31 x 2 sec	40 x 2 sec
Motor	5,5 kW/3 Phase	7,5 kW/3 Phase

» MULTILEVEL - LOADS

» MULTILEVEL 4K



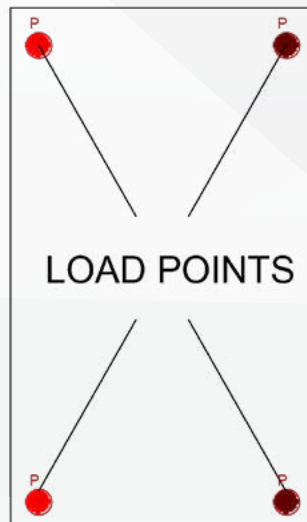
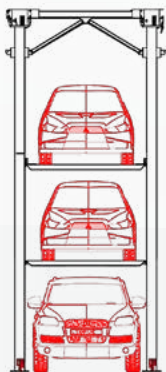
CONSTRUCTION WEIGHT =
6000 KG

MAX. VEHICLE WEIGHT =
2000 KG

TOTAL WEIGHT =
 $6000 + 2000 \times 3 = 12000$ KG

$8 \times 9,81 = 117,72$ kN
 $4P = 117,72$ kN
 $P = 29,43$ kN

» MULTILEVEL 3K



CONSTRUCTION WEIGHT =
4000 KG

MAX. VEHICLE WEIGHT =
2000 KG

TOTAL WEIGHT =
 $4000 + 2000 \times 2 = 8000$ KG

$12 \times 9,81 = 78,48$ kN
 $4P = 78,48$ kN
 $P = 19,62$ kN