



## H2550 Triple Stacker





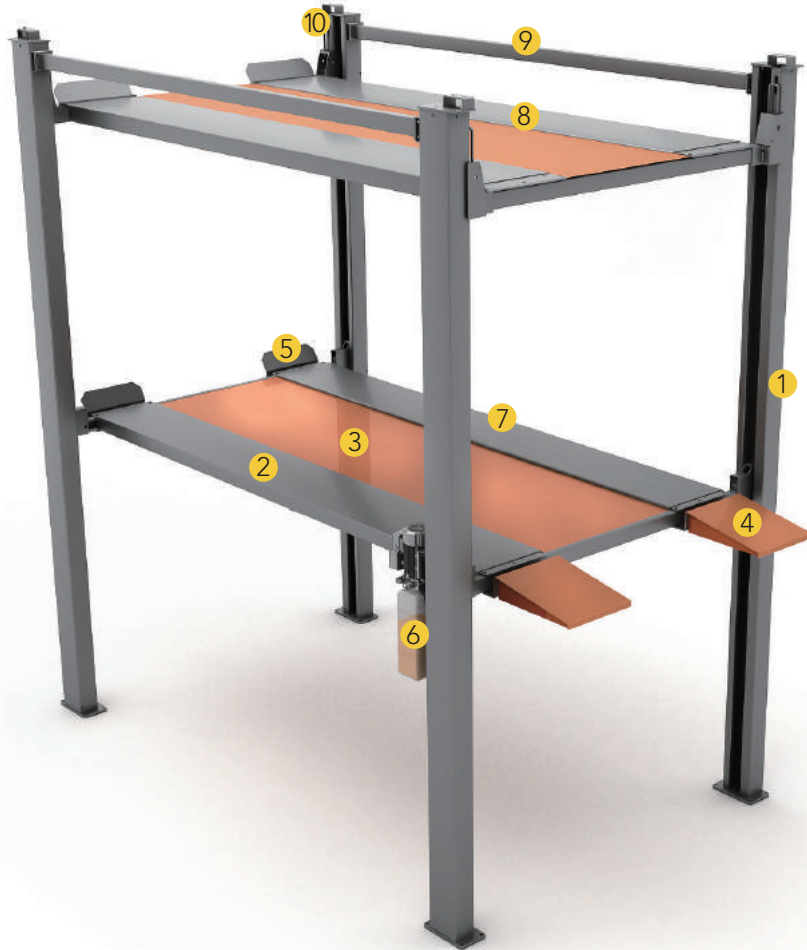
### > Introduction

The H2550 is newly developed triple stacker car parking lift which is ideal for valet parking or storage. The platforms move vertically driven by a strong hydraulic cylinder with wire ropes.

#### Features:

- Commercial grade
- Overlap platform design
- Ramps total height 150mm
- Ground floor unlimited, 2nd floor 2500kg and 3rd floor 2000kg capacity
- Entrance width 2492mm, 2nd floor 2100mm and 3rd floor 2200mm driven width
- Clear height 2100mm on each floor
- 4000mm/min (no-load) travelling speed
- 3.0kw hydraulic pump
- Powder coating finishing
- Dynamic anti-fall lock
- Dust/oil dripping cover
- Lock release failure detection
- Semi-auto lock release
- Emergency stop button
- Up & down key switch
- Self-standing & supporting structure (Optional)
- TUV Rheinland Certified

## General Parts



- 1 Post
- 2 Carry board
- 3 Dust/oil dripping tray
- 4 Ramp
- 5 Wheel stopper
- 6 Power pump
- 7 Lower platform
- 8 Upper platform
- 9 Side beam
- 10 Electric hanger

## Advantages

### Cost-effective

Less than half cost of most European equivalents

### Building height Requirement

Total height of lift = 4,965.5mm

### Super-wide usable width

Entrance width 2492mm, 2nd floor 2100mm and 3rd floor 2200mm width

### Super-fast traveling speed

4000mm/min travelling speed without load, 10 sec slower with load

### Full size dynamic lock

All platforms have full size dynamic locks for safety

### Dust/oil dripping tray

Each platform has a dust/oil drip tray

### Low usage cost

Platforms descend by gravity to save energy

### Easy installation

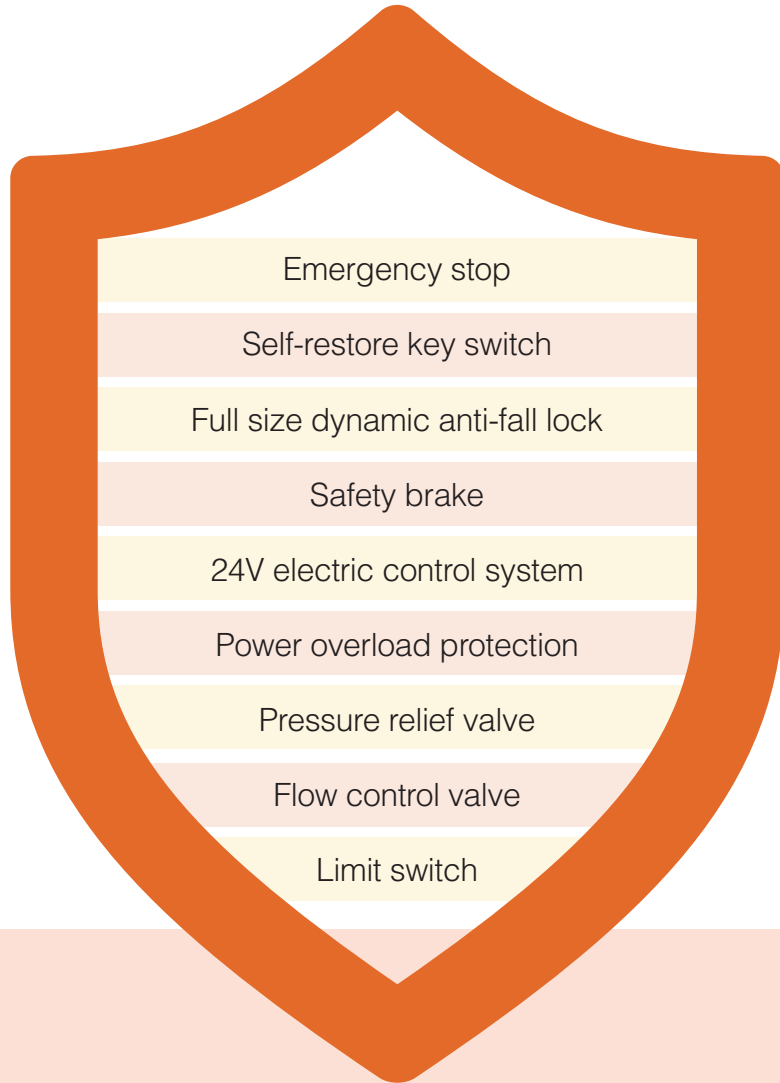
Simple structure, major parts are pre-assembled



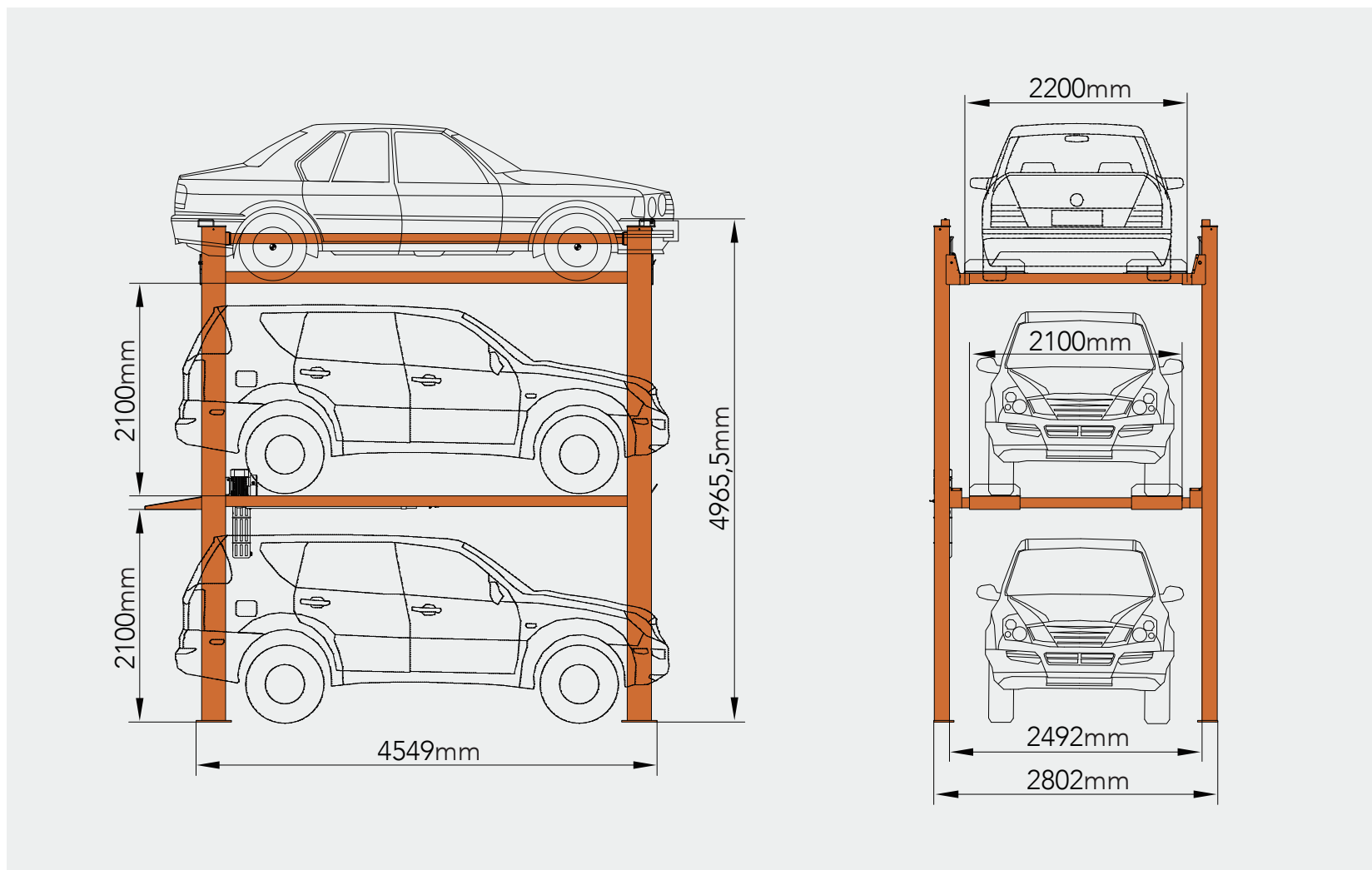
## > General

| Model Number      | OPS H2550   |
|-------------------|---|
| Lifting capacity  | Ground floor unlimited, 2nd floor 2500kg and 3rd floor 2000kg |
| Gross weight      | 2000kg  |
| Usable height     | Ground floor & second floor 2100mm                            |
| Equipment height  | 4966mm  |
| Usable width      | 2492mm  |
| Total width       | 2802mm  |
| Total length      | 5060mm  |
| Total Rump height | 150mm   |
| Locking device    | Dynamic   |
| Pump motor        | 3kw   |
| Power required    | 220-420V, single or 3 phase, 50/60Hz                          |
| Control voltage   | 24v   |
| Operation model   | Key Switch  |
| Lifting speed     | 4000mm/min (no-load)  |
| Surface treatment | Powder coating  |
| Lock release      | Semi-auto   |

## Safety devices



## Dimensions



## > Packaging & Container load

| Container size | Loading quantity | Net weight |
|----------------|------------------|------------|
| 20ft           | 6 units          | 12t        |
| 40ft           | 12 units         | 24t        |

### How many cars can be parked on each unit?

3 cars, the car parked on the ground floor has no limit on the weight capacity and has 2100mm clear height, the car parked on the 2nd floor has a weight limit of 2500kg and has 2100mm clear height, the car parked on the top floor has a weight limit of 2000kg and no limit of the clear height but the ceiling.

### How do I calculate the height required for the H2550?

The formula is as follows:  
 $2100\text{mm} + 135\text{mm} + 2100\text{mm} + 120\text{mm} + \text{height of the 3rd car} + \text{safety clearance (100mm - 200mm)}$ , to **customise** the height of each floor, please consult our sales people.

### How to operate the H2550?

The top platform will sit on the lower platform on the ground floor, after parking the first car on the top platform, lift up the top platform with the car all the way to the top level, lock the top platform, lower down the lower platform to the ground and then park the 2nd car on the lower platform, lift the lower platform and park the 3rd car on the ground floor.

#### To retrieve parked cars on all

Drive away the ground floor car and lower down the lower platform and then drive away the car on the lower platform, lift up the lower platform all the way to the top to take the top platform off the lock, take the top platform all the way down to the ground floor and drive away the top floor car.

### What's the supply voltage?

Standard voltage is 220v, 50/60Hz, 1Phase. Other voltages could be **customised** according to clients' request.

### Could H2550 used outdoor?

The H2550 does have an outdoor version, for more information, please consult our sales people.



## Warranty

The H2550 has 5 years warranty on structure and 1 year on all parts\*. Within the warranty period, power units, hydraulic cylinders, and all other assembly components such as slip plates, cables, chains, valves, switches etc, are warranted for 1 year against defects in material or workmanship under normal use. **Optimal Parking Solutions Ltd** shall repair or replace at their option for the **warranty period any parts** returned to the factory freight prepaid which prove upon inspection to be defective. We will not be responsible for any **labour** costs unless pre-agreed. **Optimal Parking Solutions Ltd** will not be responsible for the modification or upgrades of the product from the client unless pre-agreed.

\* The warranty is provided subject to a service contract with Optimal Parking Solutions Ltd).

These warranties do not extend to...

- defects caused by ordinary wear, abuse, misuse, shipping damage, incorrect installation, voltage or lack of required maintenance;
- damages resulting from purchaser's neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) and/or other accompanying instructions supplied;
- normal wear items or service normally required to maintain the product in a safe operating condition;
- any component damaged in shipment (applies to supply on customers);
- other items not listed but may be considered general wear parts;
- damage caused by rain, excessive humidity, corrosive environments or other contaminants.
- any change or modification made to the equipment without pre-agreement.

These warranties do not extend to any cosmetic defect not interfering with equipment functionality or any incidental, indirect, or consequential loss, damage, or expense that may result from any defect, failure, or malfunction of an **Optimal Parking Solutions Ltd** product or the breach or delay in performance of the warranty.

This warranty is exclusive and in lieu of all other warranties expressed or implied.

**Optimal Parking Solutions Ltd** reserves the right to make design changes or add improvements to its product line without incurring any obligation to make such changes on products sold previously.

Warranty adjustments within the above stated policies are based on the model and serial number of the equipment. This data must be furnished with all warranty claims.

### ■ About the customised size options

If the size of the platform or height of the **clearance** requires **customisation** based on customer **needs**, difficulties may arise when entering or exiting the cars on the parking **platforms**. This depends on car type, the access and the individual driving **behaviour**.

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### ■ Operating device

The position of the operating **switch** Etc. depends on the project (switch post, house wall). From the bottom of the shaft to the operating **switch** an empty pipe (DN40) with taut wire is **required**.

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### ■ Temperature

The installation is designed to operate between +5 ° and +40 ° C. Atmospheric Humidity: 50% at +40 ° C. If the **temperature** differs from the above please contact **Optimal Parking Solutions Ltd**.

### ■ Illumination

Illumination in the shaft is required for maintenance which should be a minimum of 80 Lux.

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### ■ Maintenance

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

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### ■ Protection against corrosion

Maintenance work has to be carried out according to Cleaning and Maintenance instructions provided in the User Instructions. Cleaning of **galvanised** parts and platforms of dirt and road salt as well as other pollutants is required to prevent corrosion.

