

Skygarage Hamilton Scotts, 37 Scotts Road, Singapore

Architects

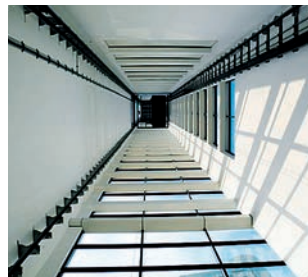
Eco-id Architects and Design Consultancy, Singapore
 A.M. Associates Singapore Pte Ltd, Singapore

Developer

Hayden Properties Private Limited (subsidiary of KOP Properties), Singapore

Supply WÖHR

2 x WÖHR Multiparker 720 with special design features for a total of 116 car parking places



The building height rises to 118m with 30 floors. The lifting height of the WÖHR Multiparker 720 is 112m. The highest parking level is reached in only 40 secs.

Both the interior and the exterior of the Hamilton Scotts Building Complex are captivating. In particular the building facade, designed with the Hamilton Monogram, and the glazed shuttle tower of the WÖHR Multiparker 720, are the real eye catchers. Pedestrian and motorists can all see the movement of exotic sports cars being moved up and down the building. To display these floor changes, the lighting of the Multiparker lift alters from blue to green and red dependent upon the lift position and height.



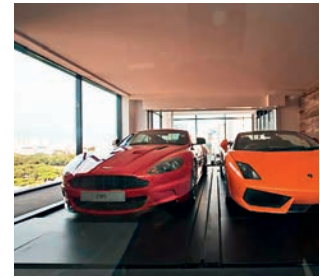
The entrance to the transfer area of the WÖHR Multiparker 720 is on the first basement level of the building complex. To achieve the correct position for the cars the driver is guided by a live text display, visible in the corner of the transfer area. Sensors within the transfer area verify the car position, and light barriers screen the car height. When the parking position is checked and approved the driver can then leave their car and exit the transfer area.



The operation terminal is in the well designed waiting lounge adjacent to the transfer area. For total security the driver has to identify themselves by means of a fingerprint recognition system. Once approved the operation terminal is activated. The parking process itself is then started by an inductive chip. If desired, the driver can then select which of his spaces he would like to park that car into, and also which way round, facing in or out.

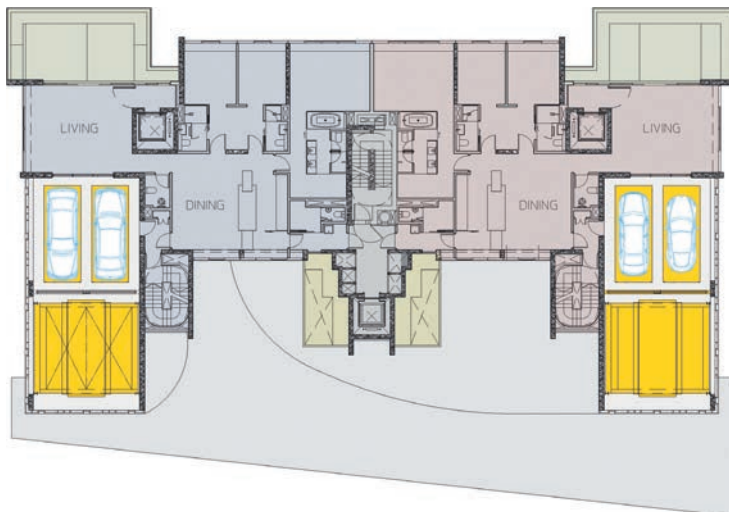


Each car is registered with its own number in the system control unit. Whilst inside the transfer area, the car will be rotated by 180 degrees on an integrated turntable and then transferred across to the vertical lift where it is sent to the selected apartments parking space.

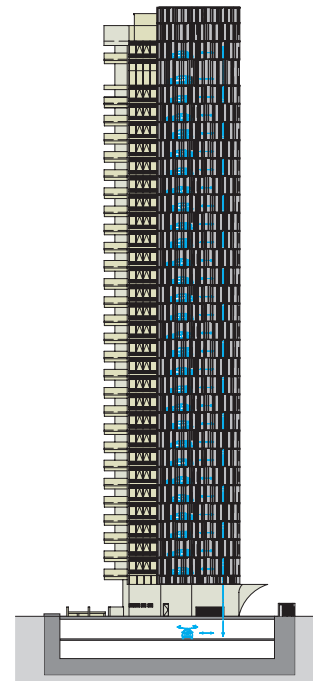


The lifting speed is approximately 2.8m/sec, so that the driver via the passenger lift, and the car via the WÖHR Multiparker 720, arrive at the apartment simultaneously.

Top view



Section view



- 2x WÖHR Multiparker 720 special design with combination of lift and storage system
- 2x transfer areas with access to the left and right building complex
- 2x 58 parking places
- 54 apartments each with 2 parking places
- 2 penthouses each with 4 parking places