

LE ROYAL HOTEL – AMMAN, JORDAN

# Le Royal goes green

Amman – capital of the Hashemite Kingdom of Jordan – is a city steeped in history that other ancient cities seem young in its shadow. When construction on the Le Royal hotel was completed in 2002, it was ultra-modern, yet its tower-like structure sits comfortably in a metropolis whose history stretches back more than 3,000 years.





ROYAL

The ability of Amman to adapt over the years has seen the city survive where others have fallen. Le Royal is no different in that sense. When owners of the five-star hotel decided to do a full upgrade with 32 completely new elevators, careful attention was paid to the environmental impact of the new project.

### Green scene in the desert

Amman's position in the hilly northwest of Jordan means that while the city can bask in hot summers, winter temperatures can drop to near freezing – and snowstorms are a common occurrence.

The hotel is also home to a shopping mall and spa, so as modernization began in winter, the project was executed in two stages – prioritizing guest and visitor comfort and accessibility to services at all times.

“It's challenging enough to work in a single shaft with three elevators,” explains **Khalaf Almaddan**, General Manager of Petra Elevators, KONE's distributor in Jordan. “We knew that we would see some rough weather during the installation, so we had to first seal off shafts, doors and the machine room with customized plastic sheeting to keep the cold out and the heat in.”

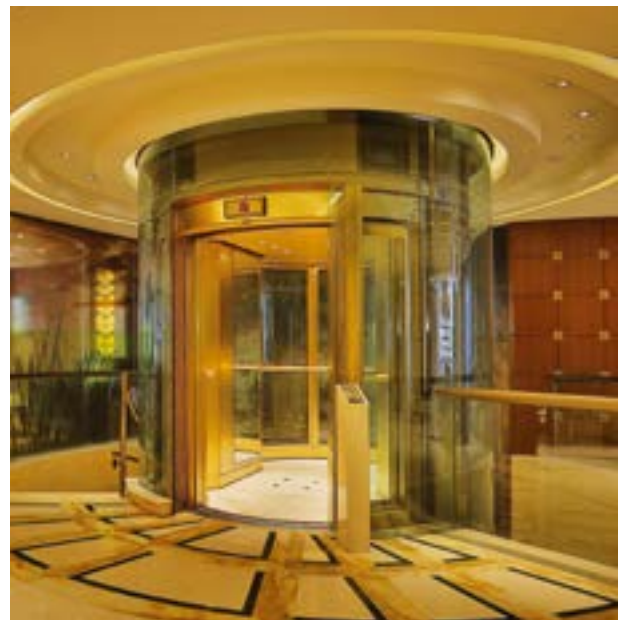
KONE experts justified that elevator modernization was an opportunity to save on energy consumption; with both a positive environmental impact and an obvious reduction in running costs. The KONE EcoDisc® motor was the perfect solution, offering 50 to 70 percent more energy-efficiency than standard two-speed or hydraulic hoisting technology, as well as the utilization of LED lighting and standby solutions – for lights, door operation, fans and signalization – which offer extra savings.

### Essential aesthetics

Keeping with KONE's design philosophy, an elevator experience is more than a ride – it should incorporate emotions.

“The architect envisioned an elevator that offers guests a breathtaking view, along with an elegant internal decor,” says Almaddan. “Use of the KONE MiniSpace™ scenic elevator means that panoramic elevator travel was possible, as required by the new specs. The doors required a special design which was achieved by our supplier by using titanium nitrile paneling with multi-directional etching.”

But as Almaddan adds, this was a large job by any standards: “We modernized 32 elevators of various loads and speeds to fit the building's requirements. The KONE Care™ Maintenance Service contract is a good testimony to the customer's satisfaction.”





## SUMMARY

### Challenge

- To modernize 32 elevators where services must be maintained throughout the project timeline
- To meet aesthetic and environmental requirements in a landmark building

### Solution

- Carefully planned installation process executed in two stages, minimizing disturbance to guests and visitors
- A large-scale upgrade achieved with energy-efficient elevators that also provide a breathtaking view of the area

## FAST FACTS

### Le Royal Hotel

- Modernization completed: 2014
- Height: 105 m
- Floors: 32
- Building owner: General Mediterranean Consultants
- Developer: General Mediterranean Jordan
- Architect: Martinet Architecture
- Contractor: Mid Contracting Company

### KONE Solutions

- 19 KONE MiniSpace™ elevators
- 2 KONE MiniSpace™ scenic elevators
- 5 KONE MonoSpace® elevators
- 3 KONE MonoSpace® scenic elevators
- KONE E-Link™ monitoring system
- KONE Care™ Maintenance Service