

Crown jewel of Jurong

Jem® is the first lifestyle hub in West Singapore to integrate shopping, entertainment and offices under one roof.



Jem® is Singapore's third largest suburban mall, housing 241 apartments atop 76,000 square meters of retail space on six levels, comprising a large cinema multiplex, flagship department stores, food courts and specialty retailers. Office accommodation sits above the retail area, and can be accessed from a separate entrance.

The complex is the winner of numerous prestigious awards recognizing its sustainable design, including the Singapore Property Award 2014 in the Sustainable Development category. The space-efficient, energy-saving solutions offered by KONE represented an important advantage for Jem® in their aspiration to attain Platinum-level Green Mark certification for the building.

Smart people flow

"All of Jem's elevators are equipped with regenerative drive technology that returns power back to the building's grid. The customer also appreciated our can-do attitude and the strong technical support we provided throughout the planning process," says KONE Key Account Manager **Lynn Er**.

The smooth flow of retail traffic is more than just a symptom of the Singaporean penchant for order. KONE specialists worked closely with the customer to optimize the people flow experience in this lifestyle hub.

"We performed extensive traffic studies during the design phase to determine the ideal number and capacity of elevators and escalators and the correct sizing of the shafts," explains Er.

The office section is equipped with a sophisticated KONE Polaris™ Destination Control System (DCS), which carries peak-hour crowds to the various floors as quickly and efficiently as possible. The DCS frees up space and saves energy, as it can handle more passengers using fewer elevators than a conventional system.

Planning pays off

Jem® has a unique look matched by the customized glass elevators in the retail mall. KONE worked with an interior designer to perfect the appearance of the car interior and blend the doors with the crisp lines of the lobby.

The installation was completed on an extremely tight schedule, with KONE teams working around the clock, seven days a week.

"Plenty of effort, manpower and resources were put into the execution. This project once again demonstrated the advantages of early involvement and professional project management. Our positivity has earned us a strong partnership with Lend Lease," concludes **Anthony Tan**, Managing Director of KONE Singapore.

SUMMARY

Challenge

- To provide energy-saving solutions qualifying the building for Platinum-level Green Mark certification
- To ensure that shoppers and office workers are able to move around the building smoothly and efficiently, especially during peak hours

Solution

- Elevators are equipped with regenerative drive technology and a full range of eco-features
- KONE provided a complete range of tailored solutions meeting the needs of this mixed development, including intelligent destination control for optimal traffic handling in the office tower

FAST FACTS

Jem®

- Completed: 2013 (retail); 2014 (office)
- Total retail space: 76,000 sqm
- Floors: 6
- Certification: Platinum-level Green Mark
- Building owner: Lend Lease
- Developer: Lend Lease
- Architect: SAA Architects Pte Ltd.
- Contractor: Lend Lease

KONE Solutions

- 8 KONE MiniSpace™ elevators
- 12 KONE S MonoSpace® elevators
- 6 KONE S MonoSpace® (Class) elevators
- 5 KONE TranSys™ elevators
- 39 KONE TravelMaster™ 110 escalators
- 6 KONE TravelMaster™ 115 inclined autowalks
- KONE Polaris™ Destination Control System
- KONE E-Link™ monitoring system
- KONE Care™ Maintenance Service

