

Riyadh, Saudi Arabia



# Landmark Quality

## The fastest elevators for Saudi Arabia's tallest building

The brief for the elevators for AI Faisaliah Center in Riyadh was simple enough. "We wanted state of the art" said Mr. Sean Cuddihy. Mitsubishi was chosen from 10 competitors for several reasons: "quality, price and performance. And another factor was the very good service we had experienced with Mitsubishi Elevators and Escalators in the King Faisal Foundation building." Mitsubishi delivered high-speed elevators that service the ground floor to the upper levels of the 267-meter AI Faisaliah Tower in just 37 seconds. In addition to speed, the elevators had to surpass the highest quality of service, comfort, efficiency and safety, in keeping with the prestigious image of Saudi Arabia's tallest building. Mitsubishi's sophisticated designs are already receiving praise, while the elevators' astonishing speed provokes another reaction. Mr. Cuddihy says with a laugh, "By the time you get to the top you have to swallow!"

*Mr. Sean Cuddihy,  
Director, Engineering and Construction,  
King Faisal Foundation*

## A Dramatic Tower in the Heart of Riyadh

The landmark, multi-use AI Faisaliah complex is situated in the heart of Riyadh's most prestigious commercial district. It towers majestically over the city, a monument to the King Faisal Foundation's philanthropic, cultural, and asset-management goals. The complex is multifunctional, comprising a shopping mall, a five-star hotel, business offices, luxury apartments and a conference center. Mitsubishi Elevators and Escalators provide designated services to each of the functional zones in the center. Five high-speed elevators with 25-passenger capacity cars transport people to the top floor for a panoramic view of the horizon, while 52 regular elevators cover the floors in between and 20 escalators move shoppers through the mall floors.



*Elevator halls and cars are finished in luxurious designs.  
20 Mitsubishi escalators move customers through the shopping mall.*

Mitsubishi Elevators and Escalators incorporated a number of advanced features to enhance the safety, efficiency and comfort of the AI Faisaliah complex elevators. The high-speed elevators run at 360 meters-per-minute, the fastest in Saudi Arabia, but the ride is so smooth that passengers hardly know that they are in motion. The AI-2100 system uses artificial intelligence to optimize service efficiency: reducing wait times, relieving traffic at busy floors, saving energy, and cutting running costs. The VVVF motor reduces horizontal vibration to ensure a smooth, silent ride with hardly any sensation of movement even at top speed.



*Entrance to the AI Faisaliah Center, Riyadh's new landmark.*

- Saving energy and space
  - High-efficiency transport mechanism
  - Environment-conscious industrial waste treatment
- EFFICIENCY**
- Comfortable, quiet ride
  - Smooth door operation
  - Welfare-awareness / Universal design
- COMFORT**
- Riding and boarding safety
  - Safety in emergencies
  - High reliability
  - Safe service spots
- SAFETY**

**Number One for Quality**

Quality  
in Motion

ELEVATORS AND ESCALATORS

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