

# Taipei 101

[http://www.allaboutskyscrapers.com/sp.taipei\\_101.htm](http://www.allaboutskyscrapers.com/sp.taipei_101.htm) date : January, 2 2006

## 100 Tallest Buildings



Source: <http://www31.ocn.ne.jp/~sanjinkan/taiwan2003.htm>

<u>Structure's Name:</u> Taipei 101
<u>Location:</u> Taipei, Taiwan
<u>Architect:</u> C.Y. Lee and Partners
<u>Height:</u> 509 m (1671 ft)
<u>Floors:</u> 101
<u>Facts:</u> <ul style="list-style-type: none"><li>■ An 800-ton tuned mass damping system will help stabilize the tower. This system will be held in an exposed spherical structure near the top of the building, between the restaurant level and the observation deck.</li><li>■ This will be one of the few buildings in the world equipped with double-deck elevators.</li><li>■ Each elevator is designed with an aerodynamic body, pressurization and emergency braking systems, and the world's first triple-stage anti-overshooting system. The cost for each elevator is over \$US 2 million.</li><li>■ The 89th floor will be an indoor observation area, and an outdoor observation deck will be located on the 91st floor.</li><li>■ Taipei 101 will hold 3 of the World's Tallest Building titles when it is topped out: <b>Fully habitual structures - Spire</b> , <b>Fully habitual structures - Highest Floor</b></li><li>■ It is one of the few supertalls in the world in which the design inspiration comes from traditional Chinese buildings.</li><li>■ The official rooftop topping-out ceremony was held on July 1st, 2003. The president of Taiwan and the mayor of Taipei participated in the event. Taipei 101 now holds the title of the world's tallest building measured to the roof, replacing the Sears Tower.</li><li>■ The building will have the world's fastest elevators, traveling upwards at 1008 meters/minute (60.48 km/hour) and downwards at 610 m/min. (36.6 km/hour). The top speed are 34 percent faster than the current fastest, Yokohoma Landmark Tower.</li><li>■ The outdoor observation deck will be the second highest in the world, surpassed only by the Shanghai World Financial Center.</li><li>■ The Taiwan Stock Exchange will rent 7 floors in the building.</li><li>■ The final section of the spire was put in place October 9, 2003, thus giving Taipei 101 the official world's tallest building title.</li></ul>

- Taipei's Mayor Ma Ying-jeou fastens a golden bolt to signify the official top-out of the tower at a ceremony held in October 17, 2003.
- It is the first and the only supertall in the world that is built at a highly active earthquake zone.
- It is the first world's tallest building in the 21st century.
- The shopping mall, Taipei 101 mall, officially opened in November 13th, 2003.
- It is the first and currently only building in the world that breaks the half-kilometer mark in height.
- Exterior construction elevators and elevator shaft were fully disassembled in late February of 2004.
- Most aspects of the design, layout and planning are consulted by a Feng Shui master.