

The Tree of Prosperity, Wynn Macau Hotel & Casino

After working with the Wynn Las Vegas, Stage Technologies were asked to provide show control for an extraordinary showpiece in the atrium of the Wynn Macau in 2006.

The Tree of Prosperity is the centre piece of the casino's opulent atrium, and combines meticulous artwork with sophisticated technology. Guests are treated to a dramatic spectacle regularly throughout the day, when the 70-foot-high ceiling dome, illustrated with the animal symbols of the Chinese Zodiac, opens to reveal an LED screen, which displays a themed video. The screen then parts to make way for the descent of a 30-foot-diameter chandelier and simultaneously the floor dome also splits to allow the Tree to 'grow' to a height of 38 feet, while emotive lighting simulates the change of seasons and the passing of time. The Tree has 60 limbs, 2,000 branches, and 98,000 leaves, all made of gold and brass and decorated with gold flakes, gold leaf and glitter.

The Tree of Prosperity was recognised for 'outstanding achievement – casino attraction' at the Themed Entertainment Association's Thea awards in 2009. The Stage Technologies control system comprised:

- Illusionist control desk
- MaxisID control system

This was used to automate third party equipment which included:

- 12 position-locked axes for the Chinese zodiac ceiling
- 2 pairs of position-locked axes for the LED screen
- 3 axes for the chandelier
- 6 position locked axes for a 'copper dome', at floor level - this opens to reveal the Tree of Prosperity rising from the basement
- 4 axes, torque sharing for lifting the tree
- 2 axes, torque sharing, spinning the tree on the lift as it rises

Location: Macau
Date commenced: October 2006
Date completed: August 2007

http://www.wynnmacau.com/en/entertainment/tree_of_prosperity.html

