



YG80 CASE STUDY

Sports Precinct

BACKGROUND

At Sydney's Blacktown International Sportspark, security and durability are critical for managing large crowds and safeguarding valuable equipment. Originally built for the 2000 Olympics, the venue now hosts over 750,000 visitors annually. This high usage has brought challenges, especially in ensuring robust locking for its oversized gates.

CHALLENGE

The main challenge was to implement a lock, capable of securing the heavy, oversized "Big Blue" gate, which is 6.5 meters wide, 3.5 meters tall, weighs around 400 kg per leaf, and are subject to significant wear and tear. Traditional locks couldn't withstand the weight and operational demands, often requiring frequent maintenance and lacking reliability. The lock needed to handle the weight and integrate seamlessly with the automated controls without affecting the track beneath it.

SOLUTION

The YG80 lock was chosen for its strength and durability, ideal for high-security, oversized gates. A custom bracket was made to keep the YG80 elevated, avoiding contact with the tartan track. This setup allowed for secure leaf-to-leaf locking without affecting the track. The lock was integrated with the gate's automation through a push-button control, enabling easy, reliable operation for staff.



The YG80's ease of mounting and operation offers installers the ability to solve unique installation challenges.