



High-quality BMU solutions meet modern architectural demands.

Facts & Figures

Commencement	August 2022
Completion	December 2024
Building Height	220 m
BMU Type	CG 5000 series
No. of BMUs	1 BMU + 1 self-powered
Outreach	14 m
Building Type	Office Tower



Innovative BMU Solutions for TNB Gold Tower's Complex Facade

The TNB Gold Tower, a striking 220-meter office tower in Kuala Lumpur, Malaysia, presented unique facade access challenges. Tenaga Nasional Berhad (TNB) sought a reliable and efficient Building Maintenance Unit (BMU) system for ongoing upkeep, ensuring safety without compromising the tower's striking architecture.

The Challenge: Architectural Complexity

Its modern glass and steel exterior, with a positive slope, high roof crown, and side glass vertical fins, created complex access points. This necessitated a specialized BMU to adapt to varying surfaces and angles. Installation also posed logistical challenges, demanding coordination to minimize disruption.

The Solution: Tailored CoxGomyl BMUs

We provided a custom CoxGomyl BMU: a CG 5000 series at roof level with 14-meter outreach, and a monorail system with a powered cradle at the link bridge podium. Our team collaborated closely with the client, integrating the BMU seamlessly without compromising aesthetics or safety. Detailed structural analysis created a custom solution for the intricate geometry. Coordinated site management and phased work ensured smooth installation with minimal disruption.

Achieving Efficiency and Cost Savings

The BMU significantly improved efficiency, enabling safe, consistent exterior access for cleaning, maintenance, and glass replacement. This eliminated expensive aerial platform rentals, leading to substantial cost reductions. Its durability and low maintenance needs ensure long-term cost-effectiveness.

Completed December 2024, the project exemplifies how a custom, high-quality BMU solution met modern architectural demands. Its successful integration underscored our competitive advantage in delivering innovative, reliable exterior access solutions, solidifying our trusted partner status.

"Working with your team has been excellent. I appreciated the professionalism, responsiveness, and attention to detail throughout the project. I would gladly recommend your services for your commitment to quality and client satisfaction." — Senior Project Manager