



Rama VIII & Rama XI Bridges – Bangkok, Thailand

Bridge Access

Customer

Coffral-Ekthana Engineering Co., Ltd

Project Scope

Provide access for bridge repair, painting, and renovation

Challenges

- No power supply available
- Different dimensions and angles on stay cables
- Access to narrow spaces in between cables was required
- Generator set on the platforms was required to avoid power issues caused by the length of the stay cables

Power Climber Solution

Power Climber provided a custom access platform designed with adjustable hinges that allowed the positioning of the cradle and provided maximum access around the inclination of the stay cables. The special designed cradle was powered by the Astro E89 traction hoist, providing contractors a safe and stable access solution all the way to the tip on the stay cable roots.