



Boiler Access

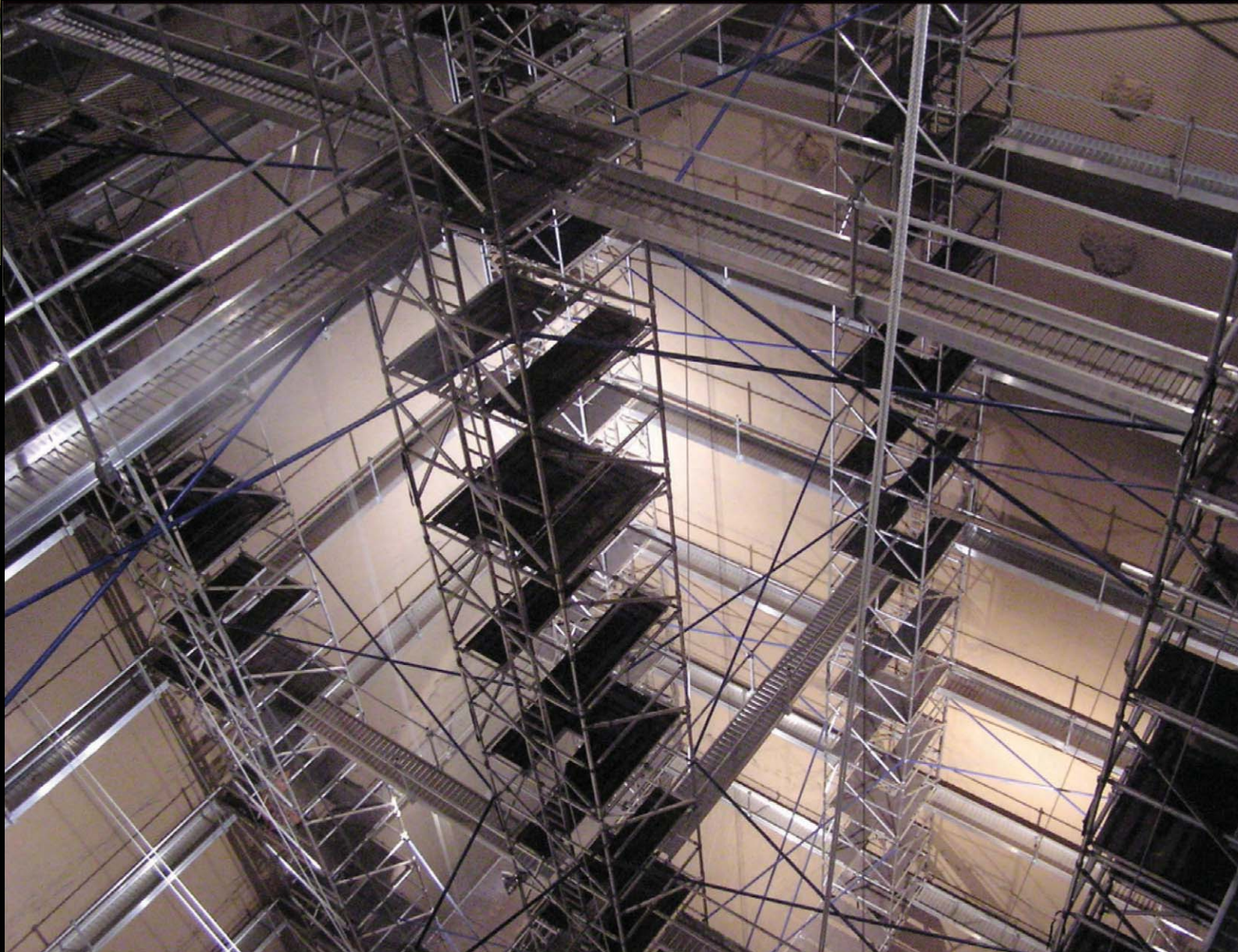
Quick Erect System

Above: Manjung Boiler Access System, Malaysia 660MW unit commissioned in November 2007. View looking from the bottom of the hopper showing base trusses and upper structure.



Above Left: Superheater Access Platform. Provides access for operators between superheater platforms

Above: Dangjin Power Plant, Korea. Testimonial approval for the commissioning of a 500MW boiler unit access system installed within 30 hours by a team of 15 men.



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For safe use and assembly please refer to manufacturer's assembly guide.
Specifications are subject to change without notice.
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Boiler Access

Quick Erect System

Uniquely designed, the Instant 'quick erect' Boiler Access System provides the ultimate fast-assembly solution for boiler maintenance. Constructed from lightweight aluminium, the system is up to 80% lighter than steel systems. With fewer components to handle, downtime, labour and transport costs are significantly reduced.

The system is erected using two basic components - Instant Snap-Out tower modules and Instant Spandeck Bridging units. Using a combination of these two components, a full system can be erected in as little as 30 hours.

In use in power generation plants worldwide, the system is designed with a minimum safety factor of 4 and complies with International safety standards for design, manufacture and quality.

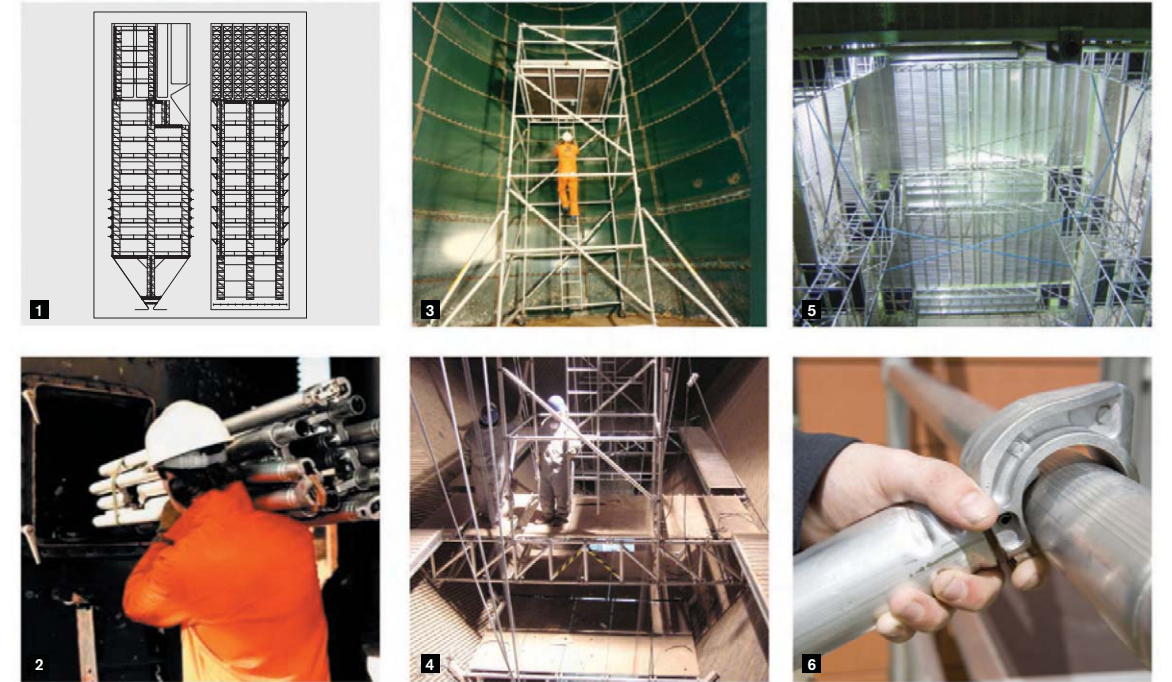


Key Advantages of the quick-erect Boiler Access System

- Significant savings in downtime
- Increased Revenue Potential
- Complies with International Safety Standards



From design to installation



1. Dedicated Design Solutions

Each system is designed to provide optimum access at minimum cost using standard components wherever possible. Our team of design engineers work with you to provide full site surveys, on-site training and technical guidance throughout the project.

2. Restricted Manhole Access

Each Snap-Out section unfolds from an easily managed bundle which will pass through an aperture of 36cms. Each section is compact and light to handle weighing approximately 40kg.

3. Snap-Out Quick Erect System

Snap-out units can be instantly erected to provide 2m cube modules which interlock positively together to provide the main tower structures. Ladders and platforms are fitted within each module for access at all levels.

4. Quick Install Base Structure

The base structure is quick and easy to install, requiring no tools. It is designed to sit firmly into the V hopper providing a rigid foundation for the complete upper structure.

5. Lightweight Bridging System

Spandeck is a lightweight aluminium bridging system spanning up to 7.4m and provides a safe work platform between Snap-out towers. It can be repositioned easily at 1m height intervals for complete access at all points throughout the boiler.

6. No Tools Required

The quick-erect Boiler Access system requires no tools or welding during installation. The structure comprises hook-on braces and quick connect couple-on beams. All sections positively interlock with a spigot and a pin. Platforms and Spandeck bridges hook directly on to the Snap-Out modules.

Why Choose Instant Boiler Access?

- Significant revenue savings with less down-time and lower fixed costs
- Fast Erection – a 500MW boiler installation can be completed in 30 hours
- High Durability – no special cleaning or maintenance required
- Lightweight – weighs as little as one fifth of an equivalent steel system
- Simple Installation – no welding or tools required
- Engineering support from design through to installation
- Buy or Rent finance models available
- Five Year Warranty

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