PUTTING ON A SHOW

Clifton Productions illustrates their sporting event credentials, which include the 2014 Pan Pac Swimming Championships at the Gold Coast's newly refurbished Southport Aquatic Centre, which saw the use of their new temporary cantilevered roof system.

Clifton Productions is Australia's leading full-service rigging, lighting, electrical and staging provider to the sporting events industry, as well as exhibitions and events. With over 50-years' experience, the company offers a streamlined production process that executes projects with precise detailing and exact timing.

As a family-owned company, Clifton's rigging and lighting installations have made them a major force across Australasia, boasting a highly experienced staff that has worked behind the scenes from inception to completion on thousands of projects spanning sport, broadcast events, theatre and exhibitions.

Clifton's Managing Director, Warren Maher, advised: ***"Our staff is the heart of our business and their professionalism, knowledge and attention to detail is seen in everything they do, whether for a small hire or a month-long production. This starts with our extensive inventory of rigging and truss equipment. While we have the largest inventory in the country, which makes us the envy of our competitors; it more importantly allows us to meet all of our clients' needs, no matter the size.***

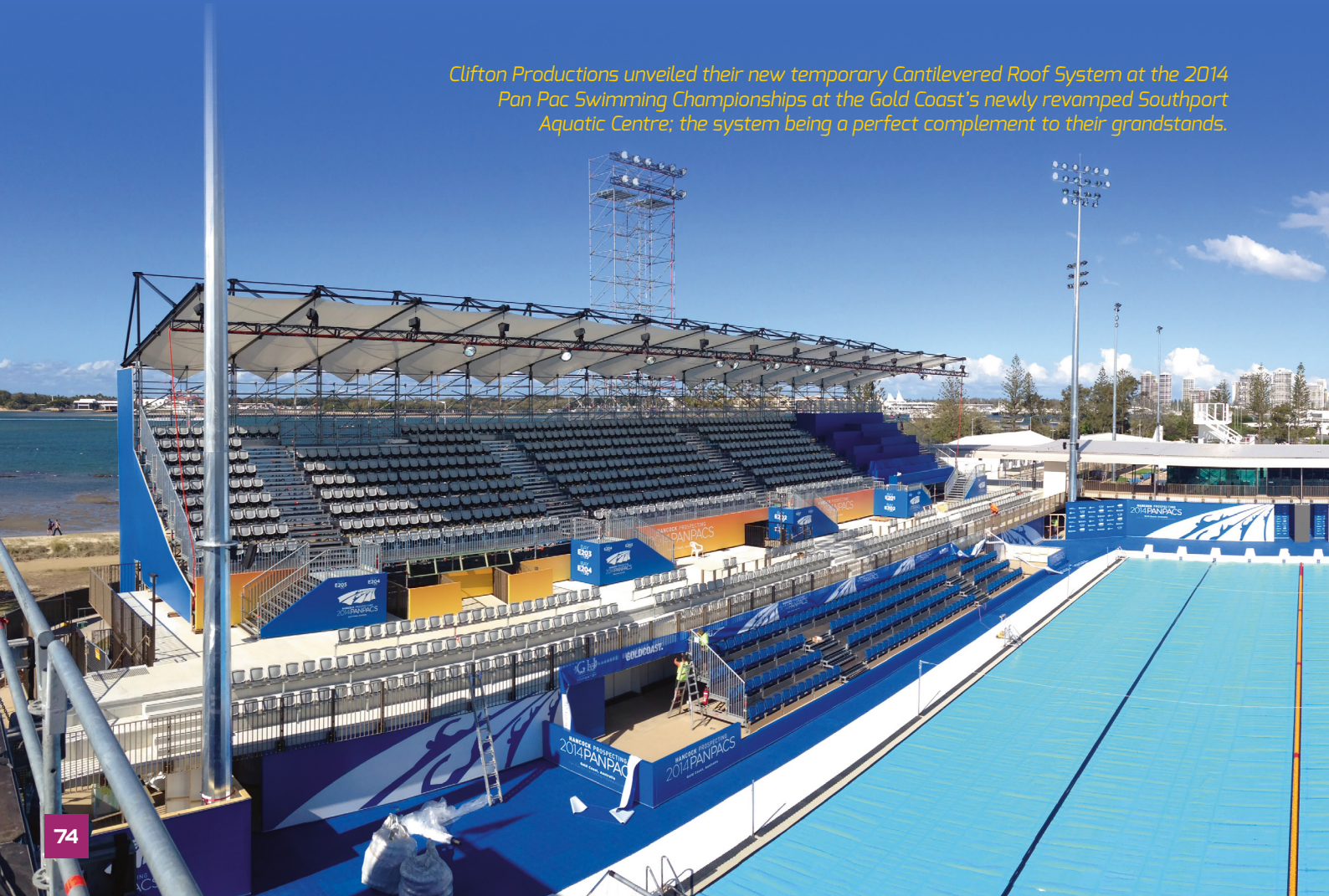
"Clifton Productions is proud of the fact that we are never unnecessarily tied to third party providers. With our own transportation and high-reach fleet – which includes eight scissor lifts, four boom lifts, and 3 man lifts, along with our own trucks – we deliver the goods to site ourselves. We also offer unrivalled audio/visual solutions with an extensive collection of powered speaker systems, plasmas, LED Screens and drapes. A perfect complement to our staging solutions."

WORLD-CLASS PRODUCTS FOR WORLD-CLASS EVENTS

In terms of the world-class service offering provided by Clifton, Maher commented: ***"For years we have worked with the philosophy that is 'if we don't have it, we will build it'. With in-house steel, aluminium, timber and electrical fabrication facilities, we welcome the challenge and do not settle for anything less than our clients' complete satisfaction."***

It was no doubt Clifton's world-class offering that ensured them victory when it came to their winning of the contract to complete the overlay for the **Pan Pac Swimming Championships** at the Gold Coast's newly refurbished **Southport Aquatic Centre**, which will also be a host venue for the **2018 Commonwealth Games**.

Clifton Productions unveiled their new temporary Cantilevered Roof System at the 2014 Pan Pac Swimming Championships at the Gold Coast's newly revamped Southport Aquatic Centre; the system being a perfect complement to their grandstands.



As the first 'test event' for the Gold Coast's 2018 Commonwealth Games, Clifton provided the following to Southport Aquatic Centre:

- 3,500 grandstand seats (using The Box Seats on a Layher scaffold substructure)
- 576 permanent seats (which will remain in-situ and be used for the 2018 Commonwealth Games)
- An 800m² temporary cantilevered roof system (specially designed and fabricated by Clifton in-house)
- A 24m high broadcast lighting tower
- 40 media desks
- 4 integrated commentary boxes
- 3 camera platforms and a biometrics coaches platform
- A 12m Entrance Arch
- A 16m high x 24m wide scoreboard wall
- 2 high-resolution LED scoreboards
- A television broadcast structure for Japan TV's Asahi network
- Public access stairs around the pool

All in all, it was a massive effort by Clifton and one that achieved world standard results.

INNOVATIVE TEMPORARY CANTILEVERED ROOF SYSTEM

In terms of the aforementioned temporary *Cantilevered Roof System* that was used to complement Clifton's grandstands, this system was specially designed and fabricated by Clifton in-house, making it the only temporary cantilevered grandstand roof in Australia, and possibly the only one in the world.

Clifton had completed the development of their new *Cantilevered Roof System* to complement their grandstands. They achieved a 9m span with rigging points across the front edge and at 1/3 of the way back, off a 2.57m supporting bay by utilising **Layher Allround Heavy Duty** components with their specially engineered roof structure. The sheets were then engineered for water run-off and wind loads, and pre-shaped to provide the most aesthetically-pleasing structure on the market. »

The Pool Deck Stand.

GRANDSTAND SEATING

Clifton's grandstand seating features:

- Compact design, allowing maximum aisle width for comfortable access
- World-class seating with a quality and aesthetic not seen before in the Australian market
- Rapid strap installation for speedy change over or replacement of individual seats
- Configurations and layouts are flexible and wide-ranging, and create the feel of a permanent facility
- Integrated tamperproof numbering system
- UV protected materials and folding seat design protects from fading over time

The Box Seat has been perfectly integrated into the *Layher Scaffolding System* for ease and speed of erection. Features include:

- Soft action rotation tip-up mechanism makes no noise and gives the perception of higher quality seating
- Options include; seat models – from General Admission to padded VIPs, seat colours – including fully black for TV studios, staircases, control platforms, hospitality and commentary boxes, rear and/or front walkways, arm rests, cup holders, media tables, tablet holders and integrated roofs.

THE GOLD COAST'S SOUTHPORT AQUATIC CENTRE

The Gold Coast's Southport Aquatic Centre underwent a AUD$41m redevelopment to transform it into a world-class venue capable of hosting both the 2014 Pan Pacific Swimming Championships – which it has successfully done – and then the 2018 Commonwealth Games. The main features of the revamp include: a new 10-lane, 50m competition pool; a 25m pool; a kids' aquatic play area; café; function facilities; gymnasium and retail shop.

The new cantilevered roof system was used for the first time at the 2014 Pan Pac Swimming Championships, which proved to be the perfect testing ground, as despite the 70km/h winds and torrential rain that battered the event, it proved its worth.

Clifton also has an extensive knowledge and experience of working with major sporting and music events, having the contract to supply the grandstands for Opera on **Sydney Harbour**, the **V8 Supercars Series** in Australia, the **Australian Open Gold Championships**, the **PGA Golf Championships** and **Sydney Festival**, as well as for The X Factor and The Voice television shows. ■

CANTILEVERED ROOF SYSTEM

The Clifton Productions designed and fabricated *Cantilevered Roof System* has been created to enable perfect viewing from any seat in the grandstand. Engineered for the largest possible coverage off a narrow rear support, this system ensures spectators have the clearest view while still being protected from the elements.

Benefits of the system include:

- No front supporting legs for uninterrupted views from any seat
- 9m coverage off a narrow rear support – using minimal additional Overlay area
- Engineered fabric for water run-off and maximum pre-tensioning
- 250kg rigging points located on front edge and 1/3 back – broadcast and stadium lighting can be easily installed and focused
- Engineered for aesthetics – looks like permanent infrastructure, not a temporary roof
- Verified high wind loading capacity

The rear of the western grandstand.