20200624

bluecube³

nomad

nomad – *seating for temporary grandstands*

What is nomad?

Demountable grandstands have long been the solution to the provision of temporary event seating, and are available on a ‘for hire’ basis from rental companies.

More recently the swing towards temporary architecture for ‘world events’ continues to reduce the requirement for permanent venues, and has raised the ‘venue experience expectation’ for temporary seating.

Seating options on these structures ranges from very simple bleachers (benches) which are compact to transport / store and are easy to install but are not very comfortable, though to ‘tip up’ seating. Conversely ‘tip ups’ are comfortable but are traditionally bulky requiring special steel cages or ‘stillages’ in which to transport and store them, they are also awkward to handle and inefficient to install.

nomad is a tip-up seat that is designed specifically to address this dichotomy, providing a seating solution for demountable structures that is;

- Compact to transport and store, not requiring expensive stillages.
- Easy and lightweight to handle.
- Fast and simple to install.

nomad is available in frame configurations to suit 2.0M and 2.5M structure grid modules, and is offered as a seating solution to the events industry. **nomad** can also be supplied on our own **multi-deck** demountable grandstand structure.

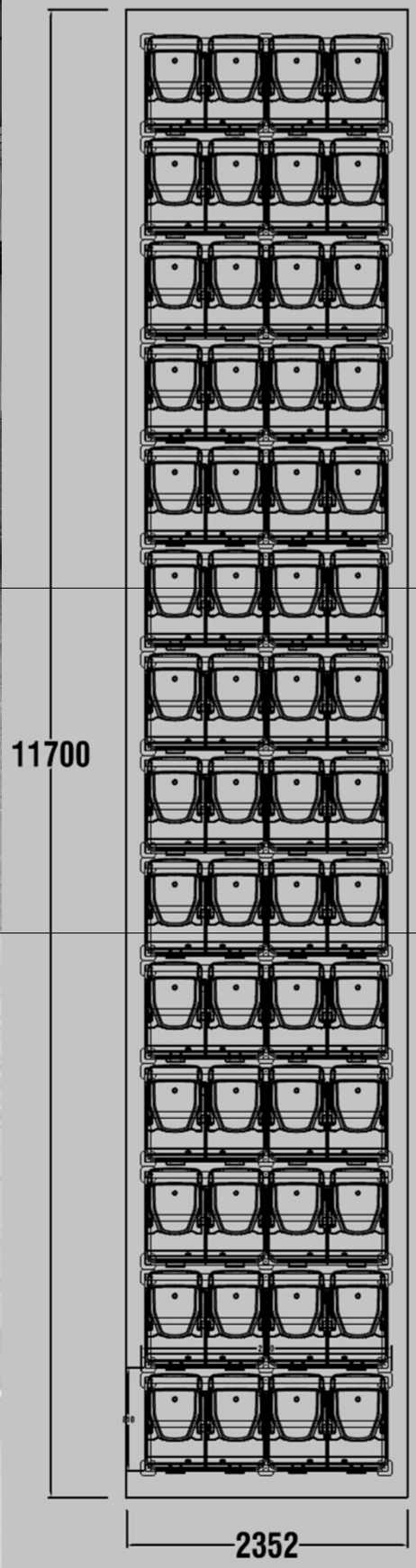
nomad – *storage and handling*

Storage and handling is where **nomad** pays ongoing operational efficiency year upon year. Compact storage and reductions in transportation costs very quickly pay back.

nomad seating frames are fabricated from aluminium profiles which firmly interlock when stacked together. This system ensures that seats can be stacked vertically with no danger of being dislodged. It also means that handling stillages (for fork lift) need no sides. The simple metal pallets on to which **nomad** frames are stacked occupy no more space that a traditional timber pallet! This has the huge advantage that after installation the nomad pallets do not need to be removed from site. With other 'tip-up' seating products the transportation stillages occupy no less space when either full or empty! leading to significant additional transportation costs off site and back for seat removal.

nomad aluminium seating frames are both extremely durable and lightweight. Manufactured in multiples of 1, 2, 3, 4 or 5 seat units means that seats are distributed very quickly onto the grandstand.

nomad – *storage and loading*

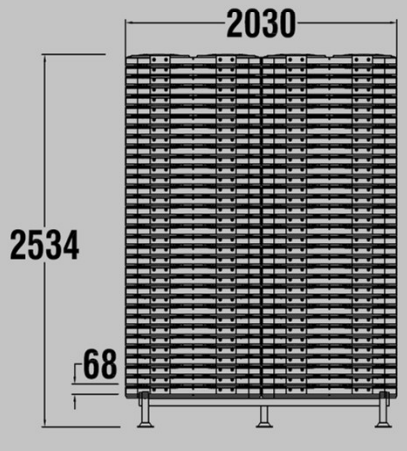


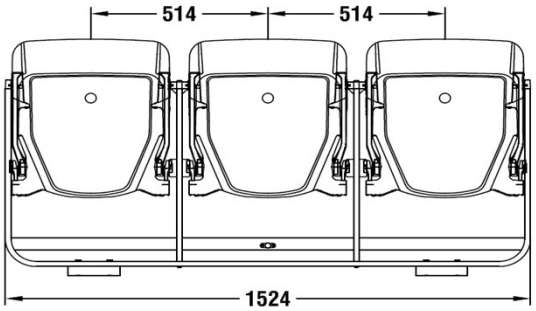
nomad seating frame sizes have been optimised to ensure the maximum space efficiency on standard haulage trailers, taking into account ease of loading for curtain sided trailers.

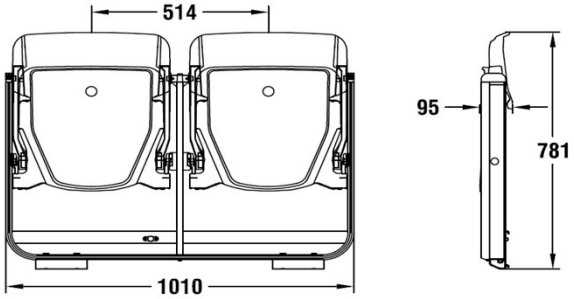
Containerisation for sea shipping has also been optimised, this consideration is critical to minimise transportation for ‘world events’

Typical loading
40' ft Loading Qty: 1680 Seats (doubles)
30 X 4 = 120 Seats / Pallet
120 Seats X 14 Pallets = 1680 Seats

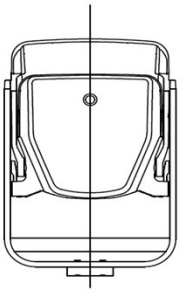
40' ft High Cube Loading Qty: 1904 Seats (doubles)
34 X 4 = 136 Seats / Pallet
136 Seats X 14 Pallets = 1904 Seats

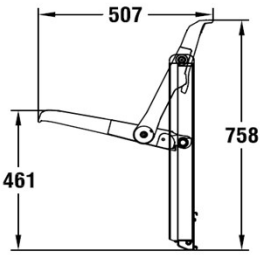






nomad can be supplied in two frame style variants, preference will depend on the design / type of the grandstand super-structure, **nomad** 'push and lock' frame style can be used on systems with structural risers.
nomad 'plug in' frames can be used on modular decking systems whereby the seat frames must be 'plugged' into hangers that are attached to the sub-structure.
Which ever frame style you chose, typical seat centres are fixed at 514mm and multiples thereof.





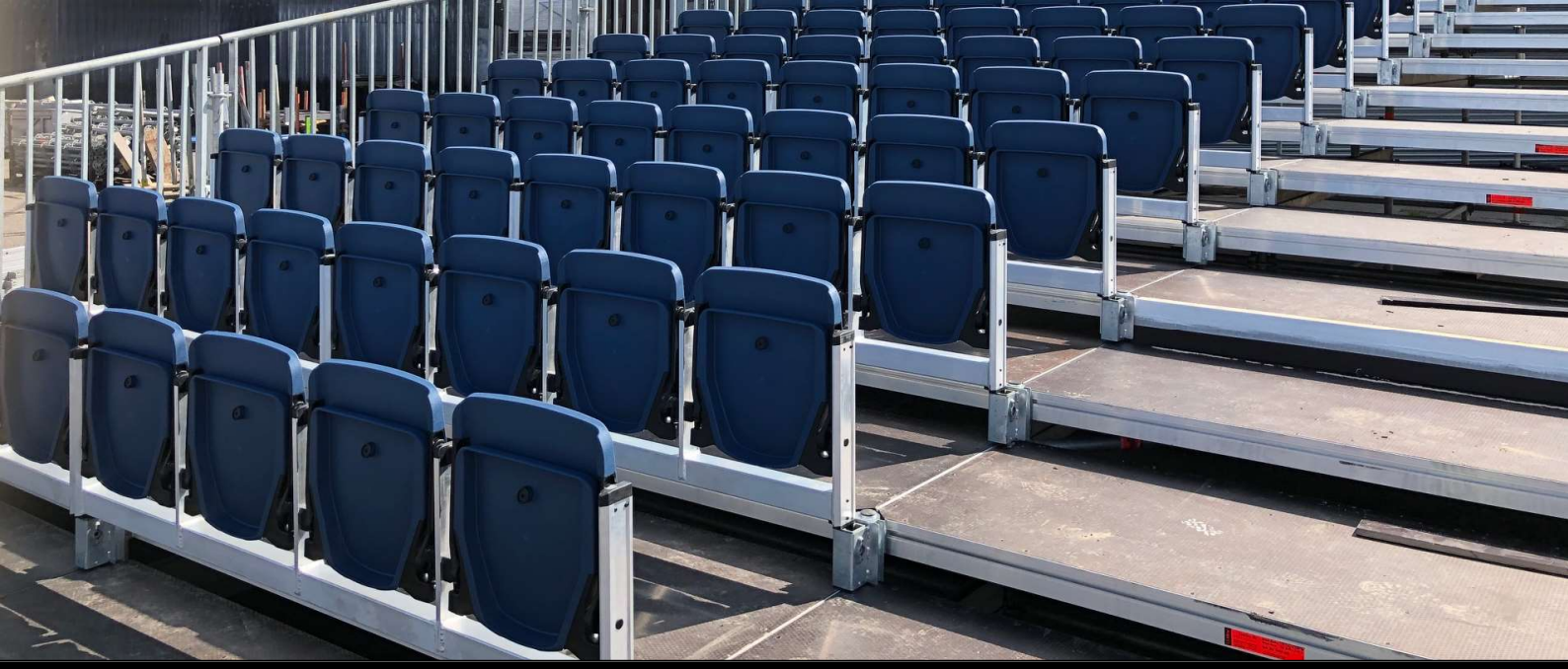
nomad – *installation*

push and lock frame style

The principal of the 'push and lock' frame is shown here. Seats are arranged in 2, 3 or 4 seat modules (2 frame unit shown here). The seat frames are assembled onto the grandstand risers by one operative, in one motion while standing up!

The seat frame locates onto grooves in the grandstand riser, a spring loaded pin is activated when the seat is pushed into its home position, the spring pin activates automatically preventing removal.

Removal requires the use of a claw hammer to retract the spring pin, in one simple action the seat module is released.



nomad – *installation – plug in frame style*

Not all grandstand systems have structural risers. Modular decking systems are also common. With these systems it is not possible to attach seating directly to the system riser.

The principal of the ‘plug in’ **nomad** frame is shown here. Fabricated steel hangers are attached to the modular decking system during the build.

When the grandstand build is complete, the **nomad** seat frames are simply ‘plugged’ into the ‘hangers’. The seating loads are then distributed into the structure of the grandstand via the ‘hangers’.

can* nomad – *work on my system?

Case study – Verhuurbedrijf Kuijf

Although the majority of projects and customers can be broadly serviced with either frame style, there are always new requirements and systems that cannot. bluecube offers a custom design service to customers who wish to unlock the benefits of **nomad** seating for their individual grandstand system. We recently designed a special nomad frame for Verhuurbedrijf Kuijf, a rental company based in Holland. Verhuurbedrijf Kuijf worked alongside our engineers to apply the nomad seat to individual requirements that worked for their very well established system and operational characteristics.

nomad – *safety and comfort*

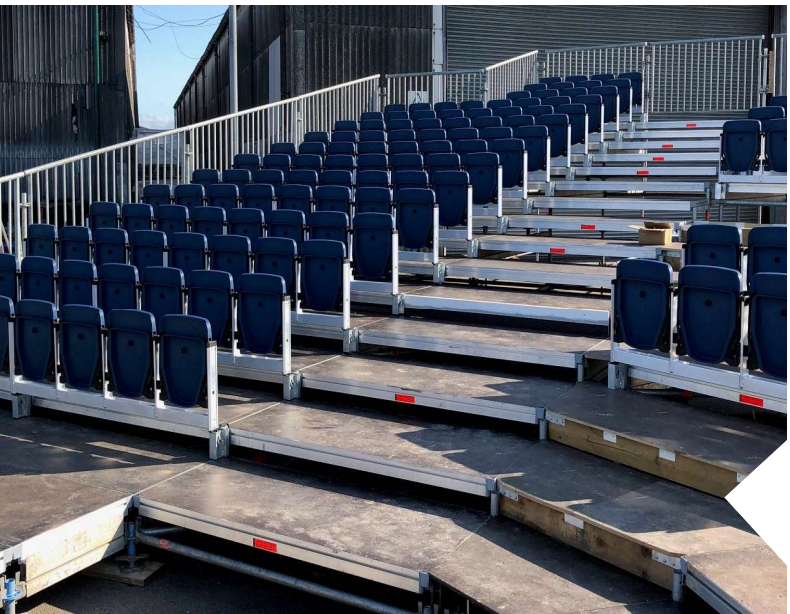
nomad has a unique folding geometry. When the seat pan is in the ‘tipped up’ position, the backrest rests into a vertical position. This allows the seat and backrest to fold within the thickness of the frame, great for storage but also for safety. Using the **nomad** seat gives grandstands with even the narrowest goings or row depth the widest possible egress. **nomad** is now available with padded seat and backrests. The padded product does not compromise the stacking and storage dimensions of the polymer general admission seat.

Mike Brown Grandstands USA
nomad seats

Selected customers

NUSSLI Switzerland

ES Global Solutions UK
multi-deck and **nomad**



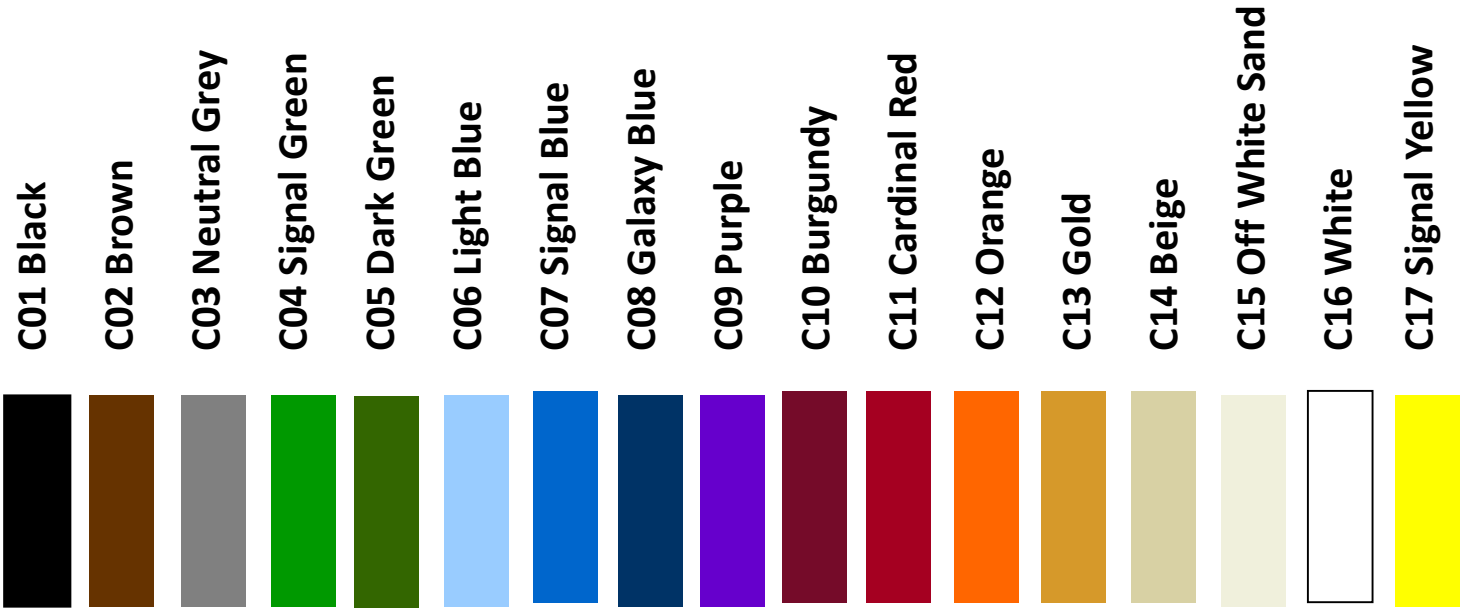
Acorn Events, UK

Our quality policy.

Our policy on product quality is one of continuous improvement, we exceed the highest international industry standards which serve only as a recognised industry bench mark

Independent tests are no substitute for the 20 years of empirical test data gathered from completed stadiums and arenas around the world. We at **bluecube** leverage this knowledge and data to push raise our brand identity. Through understanding the 'cost of quality' we strive to be recognised as the best.

Strength & Durability
nomad seat modules and rail support structure meet the requirements BSEN 12727 test level 4.

Fire Resistance
nomad seat modules meet the requirements BS5852 Crib 5.

Weathering
nomad 17 standard plastic colours are tested in accordance with BSEN ISO 4892 – 1 & 2 – Xenon Arc Testing 'Methods Of Exposure To Laboratory Light Sources'