

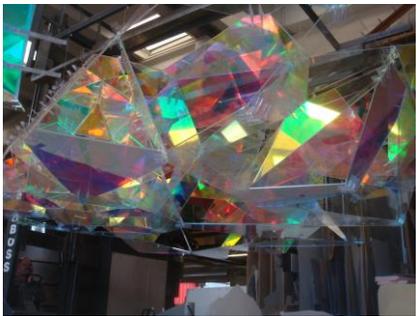
James Bond brings the glitz to St Tropez

2D:3D were commissioned by Balmond Studio to create a hanging crystalline sculpture for the ballroom in a hotel in St Tropez. With an overall size of 40 metres x 30 metres the structure is to be suspended from the ceiling, creating a James Bond themed Ballroom. With that in mind the hotel has renamed the room 'The Bond Room'.

The structure consists of 375 interlocking acrylic sheets each roughly a square metre in size. The challenge was to create this with no fixings, adhesives or glues so that the light would not be affected and thus maintaining the purity of the refractive elements of the sheets. All of the acrylic sheets were coated with a diachronic film so that as the guest walked around under the sculpture they would be exposed to the full spectrum of rainbow colours and an ever changing and moving show of light. The sculpture picks up the light to create an internal light show. The sculpture would take on a different appearance at night to that of the day as the source of the light changes.

Hanging four metres in the air the structure appears to grow from the floor with each corner column rising and expanding to create the monumental sculpture across the ceiling.

Initially the concept was tested with the creation of a 1/30th sized scale model installed into the Hotel Ballroom , with the final structural tests underway at present.



United Emirates Airlines

The Pulse Group commissioned 2D:3D to create an exact full size model of the first class, on-board bar lounge, and spa and shower room of the A380-800 aircraft. The models had the dual purpose, to create a set for filming of their 'The Night Flight' promotional film, and to be used as exhibition pieces at various trade shows. However, one of the challenges facing 2D:3D was that Airbus Industries did not make any drawings or plans available, and all dimensions and material specifications had to be taken from two visits to the actual aircraft in Dubai and at the Hamburg Airbus factory.

Every single element had to be created from scratch, moulded, cast and fabricated and finished to the very highest standard which also included highly varnished veneer wood panelling.

A further challenge was that the entire structure had to be fully designed, manufactured and installed within two months.

A second model has been created which is presently on show in Berlin.



On-board bar area



On-board bar and lounge



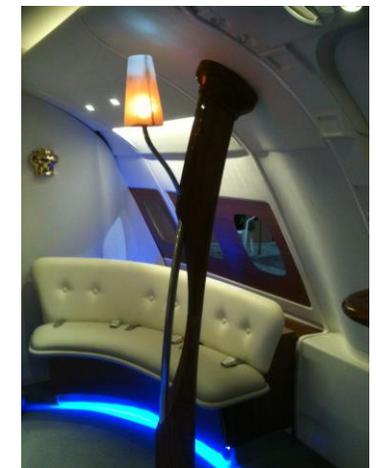
On-board shower



Part of the on-board spa and beauty area



On-board Bar area looking towards the galleys



Part of the on-board lounge area

United Arab Emirates - 40th National Day celebrations

To celebrate 40 years of UAE independence, 2D:3D was commissioned by CRP to create the various key props for the main show piece celebration held at the Zayed Sports Stadium in Abu Dhabi on National Day (3rd December 2011). The show pieces symbolised the emergence of the country from desert nomads to a sophisticated economy over the last forty years. Everything about the show was in a grand scale including all the props that 2D:3D were commissioned to create. Commencing from the desert life of nomads, 2D:3D created two large scale props; two nine metre high traditional coffee pots.

A key design element for coffee pots was to blend traditional images with modern technology. The coffee pots were constructed as wire frame structures in 50mm diameter aluminium tube, within which all the mechanical elements were hidden. Mounted within each coffee pot spout was a pneumatic powered gun that fired 30 metres of black silk simulating the pouring of coffee. The coffee pot also consisted of a fibreglass base and handle top.

As the show progresses through the nation's achievements it culminates by looking at the excitement of the future. Part of this future vision is to operate driverless Masdar taxis at the airport. Unbeknown to the audience, there appear to be a troupe of 36 dancers each carrying a fibreglass shield consisting of chrome elements. Each group of six dancers come together to form a Masdar taxi as they then form a line of six taxis moving around the stage.

Integrated into the front of the taxi are illuminated headlights.

The Taxis were tooled in high density foam, moulded and cast in lightweight fibreglass with shield handles for the performers. The first phase of the project was the creation of 3D drawings for each of the elements from which high density foam models for each of the taxi panels were created. These were then moulded and cast in lightweight fibreglass, with shield-like handles for the performers to grip. All of the body panels were spray painted in pearlescent paint.





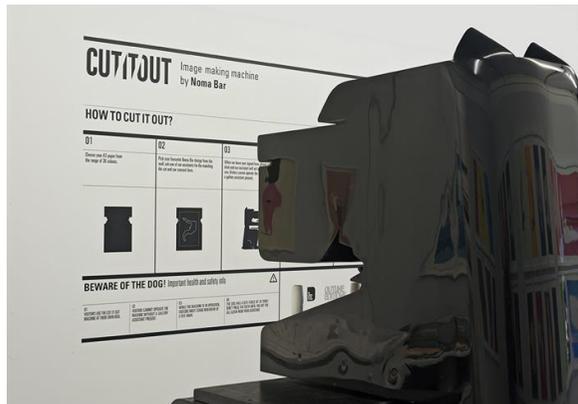
Noma Bar - 'Cut it Out!' Nominated for the Designer of the Year Award

Noma Bar and Outline Editions commissions 2D:3D to turn his ideas of public art interactivity and art creation into reality. Noma had the idea to use a die-cut machine that would press out a permutation of one of his pieces of work. Users, who are also the customer, select one of the eight die-cast templates together with a coloured top sheet. They would then operate the machine to create their unique piece of Noma Bar Outline Editions.

The task was to clad the electric-powered die-cutting machine in one of Noma's pieces of 'Cut it Out' artworks. The Dog/Cat piece was selected and recreated in highly polished black fibreglass. The two die-casting handles were cast in white fibreglass also representing the dog's bottom canine teeth.

Since the machine was to be operated by the general public the design of the cladding had to comply with health and safety requirements.

Noma has been nominated for the Designer of the Year Award for his creation of this concept.



The Voice, BBC -

The voice coaches chairs

2D:3D fabricated the four revolving voice coach chairs for Scott Fleary, the main contractors for the BBC The Voice Project . The project embraced our skills and expertise in metalwork and mechanical construction, fibreglass sculpture, electronic control, lighting, and working with upholstery.

Both the voice coach and the programme producer can operate the movement of the chair. The chairs predominately clad in fibreglass and leatherette, consist of a fabricated steel structure containing light boxes and LED lights. Sited at the bottom at sub-floor level are the mechanical revolve mechanism which operate the chair's movement. Part of the requirement was the creation of an ultra quiet revolving motorised mechanism. The mechanism was developed and fabricated in-house by 2D:3D.

Furthermore 2D:3D also created three five metre high hands and microphone with the Voice logo statues out of fibreglass.

2D:3D have been commissioned to fabricate and install the Shanghai version of the Voice of China.

