

BOSS RT1

ROOFTOP TENT



8/208 Canterbury Road
Bayswater North, VIC 3153
P +61 3 9729 3092
sales@bossaluminium.com.au
bossaluminium.com.au



REDEFINING THE WAY YOU CAMP

As with all Boss Aluminium products, the Boss RT1 Rooftop Tent is proudly 100% Australian made and developed with over 20 years of experience. We take pride in ensuring that our products are of the highest quality and design to guarantee we are nothing short of the best.

This makes us stand out from the crowd and the Boss RT1 is no exception. We have worked hard on RT1 to make it one of the best outdoor rooftop tents in the world.

FEATURES

- CAD designed with CNC profile cut and folded components
- Marine grade aluminium hard shell
- Tig welded
- Profile designed to optimise function and aesthetics
- 100% Australian made highest quality canvas
- Midge/insect proof mesh
- High quality 100mm thick mattress
- 4 x internal pockets
- 2.6m telescopic ladder
- Access from 3 sides
- Large rear awning
- Heavy duty gas struts
- Closed cell foam insulated roof and floor
- Marine carpet lined roof and floor
- Internal body stiffening
- Automotive rubber weather seals
- Protection decals
- Roof rails to mount rack accessories
- Super tough black powder coat finish
- Built in magnet on door
- Cross brace poles with pole bag

OPTIONAL EXTRAS

- 12 volt socket and twin usb
- Led White/Orange light - dimmable
- Premium 130mm thick mattress
- Aero mesh
- Roof rack cross rails
- Sirocco fan and adjustable mounting which can also be used as an Ipad mount
- Slimline high output 150w insulated solar panel installed
- Awning mounting kit



> DIMENSIONS

Outside Closed: 2300L x 1450W x 270H (MM)

Inside Open: 2165L x 1315W x 1800H

Weight: 90 KG Approximately

Roof Load Limit: 25 KG

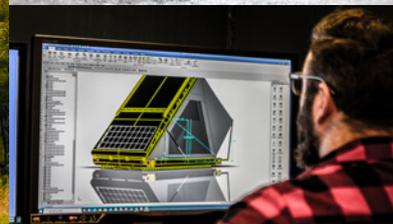
> DESIGN

We built our first rooftop tent back in 2006 and various custom versions over the following years. We were continually asked by our customers when we were going to release a production model to the market.

So around 3 years ago we made the decision to make it happen. This led to the last 36 months of R&D with hundreds of hours being spent in the design, prototyping, development and product testing (the part we love best).

The design process of our RT1 began in 3D CAD, with around 8 versions being made before the final design was settled on. We wanted something that was built super tough to handle our harsh Australian conditions, have clean lines to help cut through the air, and look good.

The overall external sizes are 2300mm long, 1450mm wide, 270mm high and were chosen to suit the majority of vehicles.



> CONSTRUCTION

The construction needed to be light yet strong, so aluminium was the choice of material.

Manufacturing of the RT1 is done completely in-house on our CNC machines where its' cut, folded, assembled and TIG welded giving us full control of the finished product.

The construction is put together using mechanical fastening, strategic welding and precision made interlinking sheet metal parts.

As part of the construction there are 11 internal stiffeners that can also double as electrical outlets keeping all wiring safe and concealed.





> THE CANVAS

The material for the RT1 is one of the most important parts. After in-depth research and testing we found the best on the market.

We chose the highest quality Australian made Wax Converters Coolabah Dynaproofed canvas as it's breathable, rot proof, waterproof and it's a material that can expand with heat for airflow but also closes down in the cold.

The tent has 3 large openings all with full height windows made from midge/insect proof mesh. This allows for maximum airflow and light.

The rear door is covered with a large awning which allows the rear window to be open in heavy rain.



All of the heavy duty zips are covered with a canvas flap which stops water and light being able to pass through when closed.

There are 4 handy mesh internal pockets for keys, wallets or other personal items. The rear awning has adjustable Supapeg poles, slide out awning arms and adjustable straps for tensioning.

There is also a handy bungee cord to help fold the canvas when closing the tent making it quick and easy. There is a 5 year conditional manufactures warranty on the canvas and our workmanship.





> THE ELECTRICAL OPTIONS

When you option your Boss RT1 you can feel confident that the same quality as the design and construction of the Boss RT1 is carried over to the electrical work.

The power supply cable is fitted with a deutsch plug then runs into RT1 with an IP 68 rated cable gland and routes into one of the front stiffeners, keeping the electrics protected.

When a LED light or fan is installed all of the cables are routed out of sight and clipped into place with a 3D printed cable clamp designed and made at Boss.

The fan is protected with a 10amp resettable fuse and connects with a deutsch plug. The LED light is 1m long and can be switched between white or orange light and is dimmable, which is handy in the middle of the night.

We have a 150W roof mounted slimline insulated solar panel connected via Anderson plug, ensuring you can keep your set up charged.



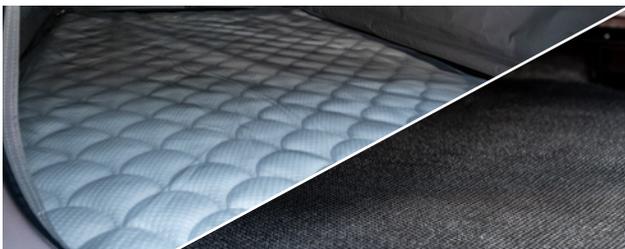
> THE INTERNALS

The first thing you'll notice when you enter the RT1 is how spacious it feels, being 2165mm long, 1315mm wide, 1800mm high inside, even the tallest will feel at home.

In Australia we see temperatures well above 40°C and below 0°C so this meant the roof and floor needed to be fully insulated with Australian made closed cell PE foam. By insulating the roof and floor we stop the heat and cold transferring through the shell.

For added comfort and extra protection from the elements we have fully lined the roof and floor in marine carpet. We also have Aero Mesh floor covering as an option which facilitates ventilation around the mattress.

As standard the RT1 comes with an Australian made 100mm thick high quality mattress with an optional upgrade to an 130mm thick premium mattress offering inner spring-like comfort. The 130mm thick premium mattress comes standard with the RT1 Overlander package.



100mm Mattress (optional premium 130mm upgrade) & Aero Mesh



Sirocco Fan/IPad Mount



12 Volt Socket and Twin USB



Built In Magnet



Led Light (Orange/White) Dimmable



150W Slimline Solar Panel



Telescopic Ladder With Custom Brackets



> THE FINISH

The RT1 has a tough and durable powder coated finish proven to last. The process begins with removal of all sharp edges after the CNC profile cutting is complete.

The parts are then run through a machine which deburrs, sands and finishes the edges with a radius. This process is undertaken as powder coat doesn't adhere well to sharp edges and can easily chip off.

Once assembly and welding has been completed the next stage is sandblasting followed by a phosphate treatment.

After all this has happened the powder coat can be applied then baked in the oven at 200°C which embeds it into the surface protecting your RT1 and giving it a hardwearing premium finish.

> THE MOUNTING

For the mounting of your RT1 there are 2 slotted mounting rails fixed to the underside, one running down each side of the tent 1060mm apart. This allows for easy mounting of the tent for various applications.

Mounting brackets with M8 bolts and washers are supplied. There are 2 main support rails running down the centre 440mm apart.



> THE HARDWARE

As with all aspects of the Boss RT1, hardware plays a key role as longevity and performance of these components are vital.

We use 4 heavy duty diecast hinges each with 4 M8 stainless bolts, that's a total of 16 M8 bolts holding the top and bottom shell together, giving you the confidence it will handle the harshest terrain and conditions.

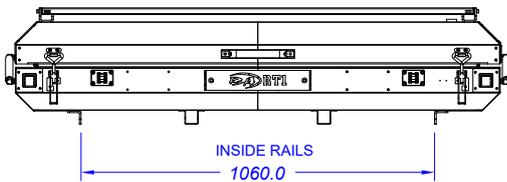
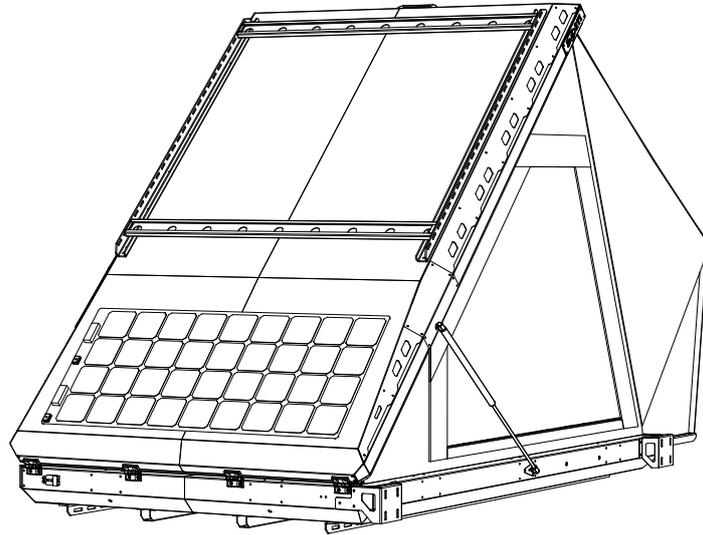
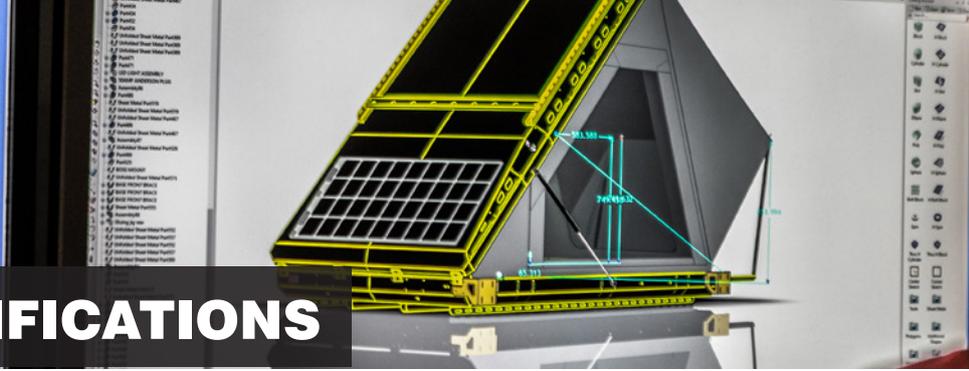
The RT1 has a premium automotive rubber seal to keep out dust and rain when travelling on the tracks or driving down the highway.

To keep the RT1 closed during even your roughest adventures we use 2 heavy-duty over centre catches that have a special locking clip to stop them from opening.

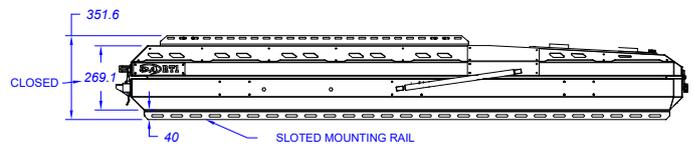
To make life easy we have 2 heavy-duty gas struts for self opening of the tent.



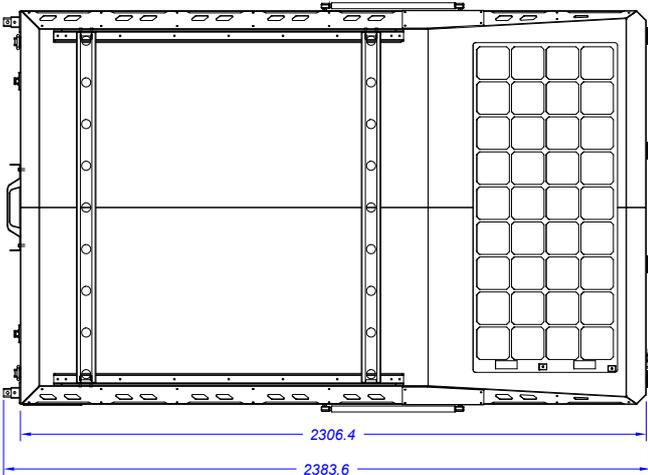
SPECIFICATIONS



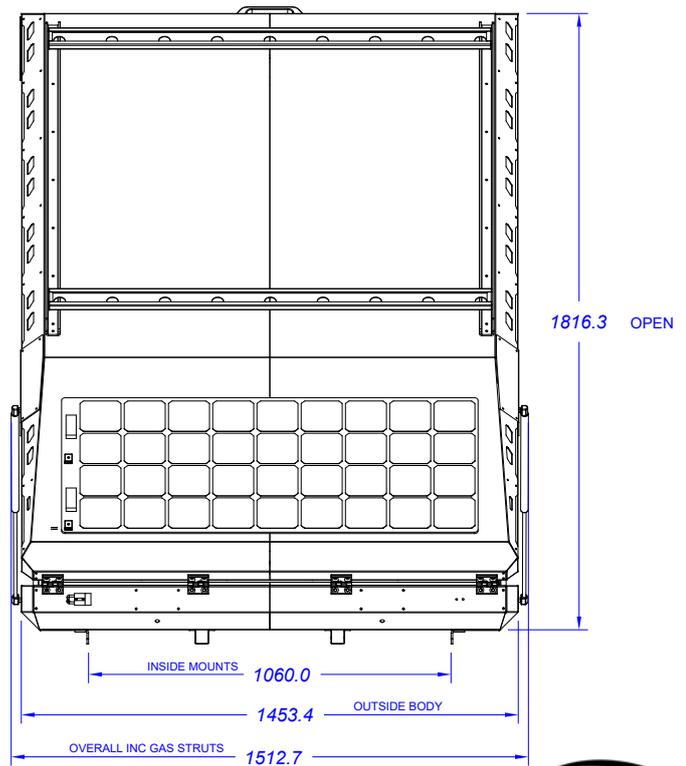
REAR VIEW



R/H SIDE VIEW



TOP VIEW



FRONT VIEW

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