



Bambach

AUSTRALIAN ADVANCED CABLE MANUFACTURERS



November 2022



Landforces 22 Exhibition

Landforces is the largest international industry showcase of land based military equipment in the Asia Pacific region and Landforces 22 was no exception. The show was extremely well attended with over 716 exhibitors ranging from small SME's to the very largest global Primes and over 12,000 attendees across the three days (4th-6th October).

Currently the Australian Army is implementing service entry for the Rheinmetall Boxer Combat Reconnaissance Vehicles acquired under Land 400 and it is also introducing Protected Tactical Vehicles and acquiring up to 450 new Infantry Fighting Vehicles, 30 Hanwha self propelled howitzers (52 tonne vehicles capable of firing over 80km) 29 Boeing Apache helicopters and numerous upgrades to small arms, soldier systems and communications.

Each of these major Land programs offer opportunities to Bambach Wires and Cables and CEO Alf Chown spent time at the show with each of the current and potential suppliers. He was pleased to see Bambach produced cables on a number of products on the stands and excited by the prospect of working with various companies in developing a truly Australian made offering- a desire that coursed through nearly every conversation that he had-whether Defence personnel or even multinational primes.

Defence Cables

We have been manufacturing cables for the Defence Industry for almost a Century!

Combat Ships, Submarines,
Armoured Vehicles and Aircrafts

Radar Systems

Warfare applications

Refuel stations, pumps and hoses

Power transmission

Shipbuilding





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Made in Victoria Launch

CEO Alf Chown was pleased to attend the Made in Victoria launch organised by the Department of Jobs, Precincts and Regions (DPJR) and presided over by Ben Carroll, Minister for Transport, Industry Support and Recovery, Business Precincts, and Roads and Safety. The launch was held at Zinc, Federation Square, on the 10th October.

The Minister outlined The Victorian Government's commitment to advanced manufacturing across five main categories namely; zero and low emission technologies, health technologies, food manufacturing, defence, space and aerospace, and digital and advanced technologies. The Victorian government has flagged significant support across these industries.



Reducing Bambach's Carbon Footprint

Bambach is on it's way and committed to reducing their Carbon footprint by 2030

- We have a paperless policy and save all documentations online where possible
- We are manufacturing cables using compounds that are more environmentally friendly
An example of this is our X-90 compounds which we often use in Railway Signalling and Power cables. X-90 provides a much greater dielectric resistance than PVC.
This in turn requires much less power to be fed to the cable so as to achieve the required amperage to the appliance. Carbon is reduced due to the reduction in power generation needed to supply the network.
- We conform to PVC Best Practices which aims to reduce the environmental and health impacts of PVC
- Bambach has started researching and implementing various Advanced Technologies that will help our processes to be more sustainable.
- We have identified ways to utilise less power and have just implemented cloud based enabled solutions into the business.



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In 2023, we will be manufacturing our Silicone cables in our Victorian factory from start to finish...

We have been manufacturing glass braided cables for over 50 years and re-selling Silicone cables for decades.

Our current range is:

Silicone 0.61/1kV 180°C & 200°C cables

Glass Braided Cables 200°C

Silicone insulated, Glass Braided cables 200°C

Nickel-plated Glass Braided cables 350°C

Our new range of Silicone Rubber Cables, soon to be made in Victoria Australia have been designed to Australian and IEC Standards. These cables perform well under extreme conditions and will suit a wide range of Domestic, Commercial and Industrial applications especially where flexibility and resistance to heat is required including but not limited to applications for Aerospace, Submarine and Shipbuilding.

Single Double Insulated cables - 0.5mm² up to 240mm²

Multicore cables - 2C, 3C, 4C up to 35mm²

Available unscreened and with an overall braided screen

New Silicone Rubber Factory

The construction is well underway on our newest factory which is due to be built by the end of this year. Internal works will then commence at the start of 2023 so that we can commission the new equipment and have everything ready to start production around June.

The new building is the same size (4000m²) as the total size of our old Cable Factory in NSW (which we moved out of to relocate to a larger premise in Rosedale, Victoria back in 2020)

This Factory will be responsible for manufacturing our Silicone Rubber cables which will make us the only company to manufacture the entire process of Silicone cables in Australia.



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Australia's First Solar Panel Upcycling Plant

Australia's first Solar Panel upcycling plant was launched on the sidelines of the All Energy Conference held at the Melbourne Convention and Exhibition Centre on Wednesday 26th October. Our CEO Alf Chown hurried back from the Alstom, Rolling Stock supplier day held in Ballarat to attend the Elecsome event.

Anthony McGregor from the Department of Industry Science and Technology representing the Minister Ed Husic spoke about the importance of recycling the panels and the sheer scale of recycling that will be required as Australia journeys on its path to net zero.

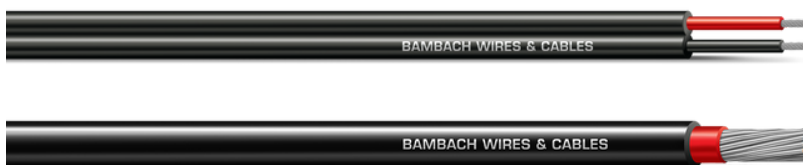
Elecsome plans to build a plant in each state to minimise transport costs with its first plant located near Sale in Gippsland Victoria- a stones throw away from Bambach's Rosedale factory.

Bambach to resume manufacture of Solar cables after exiting this market back in 2011

In the late 90's and early 2000's, solar cables were by far our largest production output (by meters) and we were one of the major players within the Solar cable market however when the standards changed to the TUV standard, the decision was made to discontinue manufacturing these cables locally as overseas competition has pushed prices to a tipping point.

Now that the Solar boom in Australia has steadied, Bambach has chosen to re-enter the market with an Australian made product (FlareX) which has been designed to the new Australian Standard, focussed on the Renewable generation market.

Look out for our Australian Made FlareX cables!



We also manufacture locally and sell un-insulated wires and braids, low smoke zero halogen 125°C cables and AC Power cables for Solar applications.

