



WIGLEY ENGINEERING

TRAYS - CANOPIES - ACCESSORIES

Canopy range

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FOLLOW OUR SOCIALS!



Wigley Engineering is a medium size general engineering metal manufacturer and tray and canopy company. With Dandenong as our home and the Victorian High Country as our testing ground, we develop metal products for some of the largest companies in Australia and produce our high end Trays and Canopies for those looking for a worksite setup solution, a tough weekender or a top end tourer.



ABOUT WIGLEY ENGINEERING

Wigley Engineering is Australian-owned and operated in Melbourne, Victoria. Since 1966 (across three generations) we have been designing and fabricating metal products at our state-of-the-art facility in Dandenong South, primarily servicing the Mornington Peninsula, Melbourne Southeast suburbs and Gippsland regions. From Laser Cutting and Brake Press Forming to Robot Welding and Thread Tapping, our expert team provides end-to-end services at competitive prices.



With our CO2 Prima Platino and Bystronic ByStar Fibre lasers we can cut a whole range of different metal materials in a variety of thicknesses. High repetition is what we do best! Whether is 100 of or 10,000 of, we specialize in high repetition that can be cut folded and delivered!

We now apply our nearly 6 decades of material cutting experience with a variety of different machines to create our products for customers all over Australia, some of the biggest names in the 4wd industry and our own trays and canopies.

We have multiple Bystronic and Durma brake press machines ranging from 150 - 320 tonnes. Wigley Engineering has been in the metal pressing game since we began nearly 60 years ago.

With multiple machines, we offer a range of pressing solutions for an array of materials. Creating products for our clients as well as our own tray and canopy products.



We have had a team of skilled welders since day one at Wigley nearly 60 years ago. Our experienced skilled welders offer MIG, TIG and robotic welding services for a range of ferrous and non-ferrous materials. Using world-class Kemppi welding equipment, we can take on custom jobs of any scale. Delivering superior strength and durability. Our welded solutions ensure robust results for applications where quality, safety and tolerance control are crucial.



In 2018, Peter decided to apply this exceptional Metal Fabrication experience to his passion for 4WD adventure. Creating custom one off builds for customers all over the country. Although the 4x4 division at Wigley was considered more a passion project at the time, it was certainly gaining attention in the industry.

In 2023 Wigley Engineering's 4x4 division was expanded further bringing in leaders in the industry to design, fabricate and market Wigley's products. Now, Wigley Engineering offers an exclusive range of aluminium ute Trays, Canopies and Accessories built tough for any terrain. From tradies to tourers, Wigley Engineering can equip each customer's ute with a robust rear setup. Whether you need a custom metal component for your manufacturing business or a ready-made tray and canopy ahead of that next offroading trip, Wigley Engineering have the solution.



WARRANTY

We pride ourselves on quality and attention to detail. Our products are used by our team every weekend and need to withstand the demands of our vehicles as we put them through their paces. Whether it's slamming into the side bank of Palm Creek in Cape York with the Wigs 79, Customers fully loaded with boats on the canopy roof on the Gibb River Road or our ambassadors sending their rigs on a quick weekender, You can be sure that our products are thoroughly tested and developed for whatever will be thrown at them.

Each tray or canopy that comes out of our facility is BUILT TO LAST. We back this statement with a LIFETIME manufacturer warranty.

We are 100% Australian owned and our trays, canopies and accessories are 100% Australian made and ISO 9001 certified.

All third party items are covered by their respective warranties.



Wigley Engineering ambassador Stephanie Pond (pictured below) with her trusty Navara. Steph has been a 4wd enthusiasts all her life. Growing up, she was a keen participant in Navigation events with her Dad and still competes to this day. In fact Steph and Peter entered a Geo challenge event together in the Wigs 79! With over a decade in the 4wd industry, Steph knows what a good tray and canopy set up requires and what it should be capable of.

When it comes to product testing, Steph has put her setup through its paces. From quick hardcore weekenders to remote touring, even officiating at Cliffhanger with her Navara. Steph's brand 'OFFMAIN' is all about promoting outdoor adventure. From a day trip out bush for a walk or interstate travel... Offmain is a community for all adventure enthusiasts. You can check out Steph's travels via @offmain.offroad on the socials



CANOPIES

Whether your set up is needed for the worksite or the weekend we have the solution! With a modular design, our canopies create a versatile solution to modify or add to your set up in the future. With set canopy sizing to suit a wide range of applications and a flexible interior design allowing slight modification to our standard interior accessories.

Our canopies are renowned for their bracing. Allowing customers to load up their roof safely and legally and have no concerns about the longevity of their investment in the future. Our canopies have traveled the country from the top end along the Tele Track in Cape York, down the Gibb River road with tinnies on the roof and caravan in tow or up high in the clouds in the Victorian High Country. During this time we have reached out to customers, our staff and ambassadors for feedback on the usability of their setups or what they would have done differently to give new customers inspiration for their build.



DESIGN

Lightweight Aluminium construction	Nutsert mounting system throughout internal bracing
Fully powder coated inside and out	Unistrut floor enabling a modular design
Secure 3 point locking doors	Lift off points
Fully sealed doors	Aluminium standoff welded to canopy floor for mounting directly to tray tie down grid
3mm 5052 aluminium body	Variety of interior accessories
3mm internal bracing huck bolted to body	Bracing incorporating 45 degree angle bracing for roof load support



SIZING

With each tray size comes 3/4 different canopies. Simply put a small, medium and large canopy. Please see size chart below to see what canopy size suits your set up

	600mm	800mm	1100mm	1350mm	1500mm	1600mm	1800mm	1950mm	2150mm
1750mm long tray	●	●	●		●				
1600mm long tray	●	●	●	●					
Extra cab	●	●	●				●		
Single cab			●				●		●
Ram 1500, Ford F-150 LWB, Silverado 1500		●	●			●			
Ram 2500/3500, Ford-F250		●	●				●		
Chevrolet 2500/3500, GMC 2500,3500, Ford F-350			●			●		●	

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FEATURES



Lighting & central locking



Pantries/Kitchens



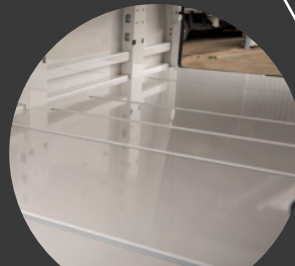
Multiple rear wall configurations



Industry leading bracing



Power systems



Unistrut (Modular) braced floor



**Inbuilt drawer fridges/
Upright fridges**



Drawer storage options



Adjustable shelving





ENERDRIVE



DOMETIC

WIGLEY'S **ENERDRIVE** PACKAGES

THE **VOYAGER** POWER SYSTEM

- Inbuilt 12 volt 40+ DC2DC charger
- Inbuilt 3000w inverter with 100amp AC charger
- 300ah B-TEC Slimline Lithium battery
- Simarine battery system monitoring
- CIG & USB sockets
- Anderson plug socket
- Twin RCD protected GPO's
- Pre wired customizable rocker switches and circuit breakers
- Wired to vehicle
- Solar panel options available



THE **ADVENTURER** POWER SYSTEM

- Inbuilt 12 volt 40+ DC2DC charger
- Inbuilt 40amp AC charger
- Inbuilt 2000w inverter
- 200ah B-TEC Slimline Lithium battery
- Simarine battery system monitoring
- CIG & USB sockets
- Single RCD protected GPO
- Pre wired customizable rocker switches and circuit breakers
- Wired to vehicle
- Solar panel options available



THE **EXPLORER** POWER SYSTEM

- Inbuilt 12 volt 40+ DC2DC charger
- 125ah B-TEC Slimline Lithium battery
- Simarine battery system monitoring
- CIG & USB sockets
- Pre wired customizable rocker switches and circuit breakers
- Wired to vehicle



THE **TRAVELLER** POWER SYSTEM

- Inbuilt 12 volt 40+ DC2DC charger
- Inbuilt 40amp AC charger
- 125ah B-TEC Slimline Lithium battery
- Simarine battery system monitoring
- CIG & USB sockets
- Pre wired customizable rocker switches and circuit breakers
- Wired to vehicle



THE POWER OF **REDARC**

WIGLEY'S OFFGRID **REDARC** PACKAGE

- Redarc Alpha 50 with Redvision
 - 50amp DCDC charger
 - 50amp AC charger
 - Solar input
- Redarc 2000w inverter
- Redarc 150ah Lithium Alpha battery
 - Suited for 2000w inverter
- TVMS Rogue control module
- Redvision display
- Mounting board
- 12 volt panel including 2 x USB sockets
- Fitted to vehicle
- Solar panel options available



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