

## **ANC introduces new 100% electric vehicles to New South Wales home delivery market for IKEA**

ANC has unveiled its first commercial electric vehicle fleet, dedicated to its client IKEA's last mile home delivery services in New South Wales. The introduction of three 100% electric vehicles is part of ANC's strategy to introduce an environmentally sound transportation alternative to its clients and their customers. The zero-emissions commercial trucks will save an estimated 36 tonnes of CO<sub>2</sub> per annum when compared to a typical diesel equivalent.

ANC's electric vehicles (EV) comprise a Hino 917 Series truck base built without a motor, gearbox, and exhaust, replaced with SEA Drive 120a electric components by Australian-based SEA Electric and a custom designed cargo box. The modular electric driveline enables the replacement of individual components as technology advances, extending the vehicle's lifecycle. Components include electric battery packs with a lifespan of over 10 years which are 99.7% recyclable at end-of-life.

As a national provider of delivery services for the likes of IKEA, Bunnings Warehouse, Miele, Williams-Sonoma, JB Hi-Fi and The Good Guys, ANC took the opportunity to design the cargo box with retail deliveries and the customer experience in mind. The box stands at a slightly taller 2.5metres, which allows for a larger number of bulky goods to be packed vertically, so it can take an average 17 deliveries per run, compared to the standard 10-12 deliveries per run. The cargo box has built-in padded wall racking to secure and protect the goods in transit. A Kemlite roof allows natural light into the box for greater safety when delivery professionals load and unload the goods.

ANC Managing Director James Taylor comments: "International retailers have been steadily transitioning their fleets to electric vehicles in other countries, but Australia has been slower due to a lack of commercial vehicle supply, availability and investment. We are thrilled to become the first commercial electric home delivery fleet provider in New South Wales and pledge our commitment to IKEA's bold vision for a 100% electric home delivery fleet by 2025. We realise that as a fleet delivery service we have a long way to go but look forward to using our experience and knowledge to change the commercial fleet landscape for the better, for everyone.

"Our fleet consists of over 760 trucks, vans, utes, and crane trucks so the investment in three electric vehicles is just the beginning in ANC's EV journey. We can only have a meaningful impact by working in partnership with industry leaders, clients, and suppliers to speed up the transition to electric. ANC is ready for the challenge and has other major retailers ready to commit to EV."

In addition to launching the EV fleet, ANC is expanding its bespoke route optimisation program to reduce average kilometres driven, another positive environmental impact. Since March 2018, route optimisation has increased delivery run efficiency with improved delivery density and demonstrated decrease kilometres driven by up to 30% per delivery run. Lower kilometres per run means decreased fuel consumption (electric or diesel), minimises brake dust particulate pollution and reduces the fleet's contribution to traffic congestion.

### **Ends**

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VIC Axxess Corporate Park 1/315 Ferntree Gully  
Rd Mt Waverley VIC 3149

NSW 29 Huntingwood Drive Huntingwood NSW 2148  
SA 32-56 Sir Donald Bradman Drive Mile End SA 5031  
WA Building 2 Level 1, 130 Fauntleroy Avenue Redcliffe WA 6105

## About ANC

ANC is a privately-owned company specialising in dedicated fleet home and corporate delivery services in metropolitan areas around Australia.

ANC traces its history back to 1921 when it started delivering theatre tickets. Today ANC employs 950+ staff and contractor drivers across the country, with an annual turnover of \$88 million; making it one of the country's largest Australian-owned delivery services.

Today, ANC provides dedicated delivery teams for clients last mile delivery to their customers home, business or work site. Clients include major Australian and international brands such as IKEA, Bunnings Warehouse, IBM, Telstra, Williams-Sonoma, Miele, The Good Guys, Barbecues Galore, JB Hi-Fi, Laminex, Cement Australia and Blackwoods, to name a few.

The business strives to be the safest dedicated fleet partner with the highest customer experience rankings. ANC is proud of an NPS average of 53, highest ranking of 77. ANC is investing in environmental improvement, technology and training to be at the forefront of innovation in transport, logistics, and last mile customer service.

## ANC Fast Facts 2018

- 950+ staff and contractor drivers across all major metropolitan areas in Australia
- Annual turnover of \$88 million
- 767+ vehicles on the road
- Delivered over 1.85million consignments across Australia (consignments include multiple goods)
- 2018 average NPS was 53. Best NPS score for a client 77
- Diversity and flexibility in fleet: Vans, Pantech Trucks, Utes, Tautliners, Crane Trucks, Flat Top Trucks and B-Double Semi's

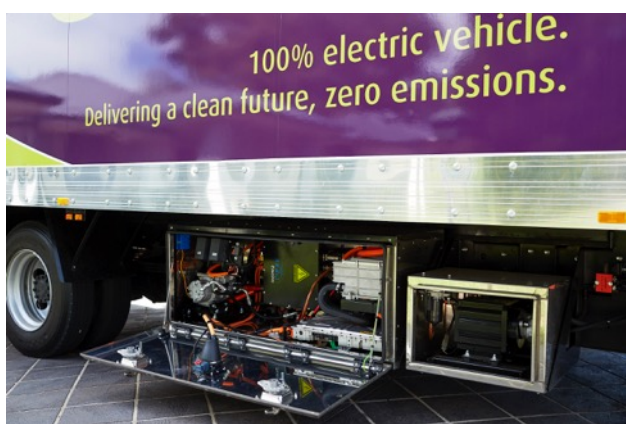


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## ANC Electric Vehicle Specifications

HINO 917 Series and SEA Drive™ 120a		
Dimensions	Length	6740mm
	Width	2400mm
	Height	3315mm
	Wheelbase	3870mm
	GVM	7995kg
	TARE	3721kg
	Payload	4274kg
Performance	Top Speed	110km/h
	Range	Up to 350km (220 miles)
	Wheel Rim	17.5 x 6.00
Chassis	Tyres	225/80R17.5
	Suspension	Tapered leaf springs with shock absorbers & stabilisers
	Breaks	Ventilated disc brakes front & rear
100% Electric Drivetrain 120a	Type	Permanent Magnet Motor
	Maximum Power	125kW
	Continuous Power	80kW
	Maximum Torque	1470Nm
	Efficiency	95.0% peak efficiency
Batteries	Battery Capacity	136kWh
	Life Cycle	10+ years
	Cell Type	Lithium-Ion (LiNiMnCoO <sub>2</sub> ) - known as NMC
	Charging Power	32 Amp three phase with 22kW maximum charging
	Charging Time	Up to 6 hours
	CO <sub>2</sub> Saved Annually	36 metric tonnes per truck (compared to diesel)
Note: Estimates based on manufacturer specifications. Precise data being aggregated from fleet in-market performance.		



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