QUANTUM

QUANTUM® OUTBACK

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Introduction

Introducing the Quantum Outback, a 4x4 all-terrain powerchair originally designed to take on the challenging landscapes of Australia, known for some of the toughest terrains in the world. Built for those who love the outdoors, and need a powerchair as adventurous as they are, the Outback offers the strength and performance needed to explore diverse environments, from rugged trails to open fields.

Powered by 4 robust 4-pole motors and equipped with Smooth Ride Suspension (SRS), the Outback handles uneven ground with ease, delivering a smooth, stable experience. Its 15" pneumatic tyres provide solid traction, while a fully integrated lighting package ensures visibility in low-light conditions. With dual 95 Ah batteries, the Outback is built for extended journeys, giving you the range to enjoy more time outdoors. For those who need flexibility, it also offers an optional 10 inches of safe seat elevation, providing extra reach and comfort wherever you go.

"Ready to explore beyond the pavement? The Outback is up for the adventure!"

Features

Power Adjustable Safe Seat Elevation (Optional)
Gain a new perspective! Elevate up to 10”, allowing you to interact with your surroundings at eye level - all at a speed of up to 3.2mph.

Customisable Control Options
Customise your experience with chin, head, or other adaptive controls for an adventurous ride, no matter how you drive.

High-Powered 4-Pole Motors
Engineered to handle any terrain with ease, keeping you confidently on the move wherever life takes you.

SRS (Smooth Ride Suspension)
Enjoy a smoother, more comfortable ride on any terrain.

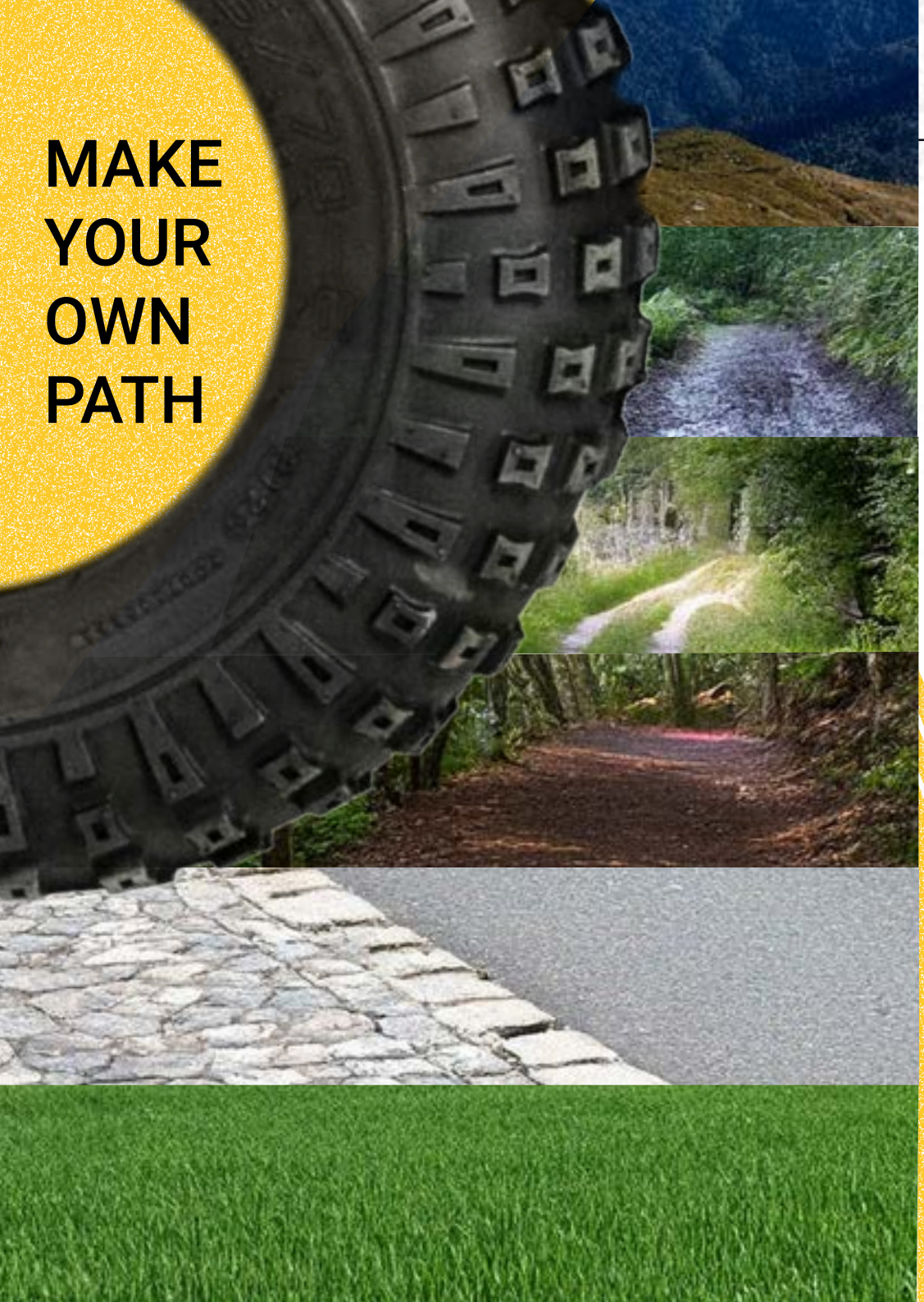
Full LED Lighting Package
Enhance your visibility and safety, day or night, by brightening your path.

Integrated Backup Camera (Optional)
Back up with confidence, as the camera provides a clear view, enhancing safety and ease of manoeuvring in any environment.

Power-Packed
Go further and stay powered for longer with 95 Ah batteries, designed to maximise your drive range and keep you on the move.

All-Terrain
Designed for adventure, the Outback excels on gravel, grass and other challenging terrains with its 15” Pneumatic Tyres.

MAKE YOUR OWN PATH

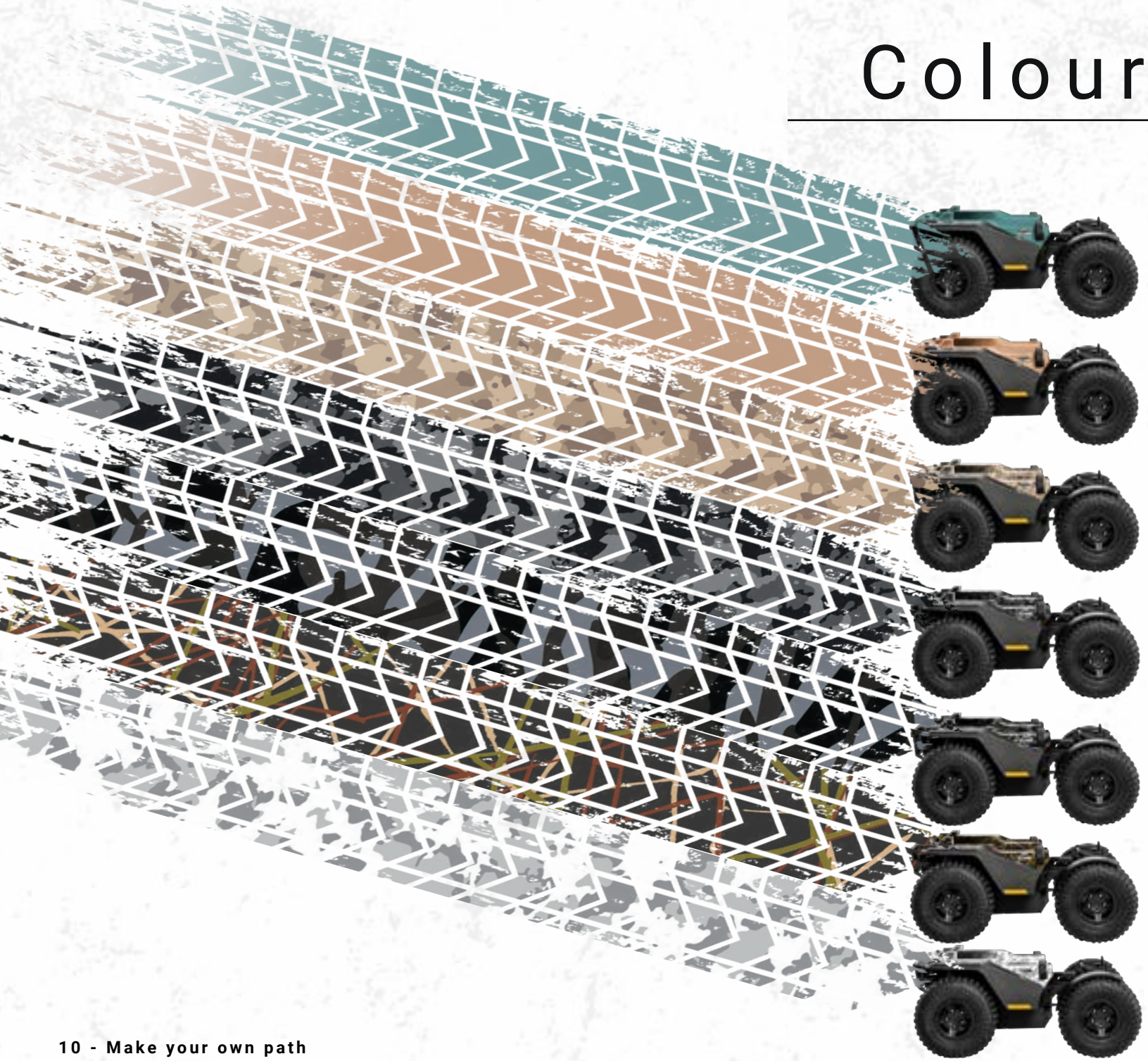


Environments

Make Your Own Path with this powerful, all-terrain powerchair which is built to handle a variety of terrains with ease. Whether you're exploring nature trails, grassy fields, or rural paths, the Outback's 4x4 drive and suspension system keeps you steady and comfortable. Its rugged pneumatic tyres and obstacle-climbing capabilities let you roam freely over gravel roads, slopes, and forest paths. Built to adapt to challenging outdoor settings, the Outback allows you to explore confidently, wherever your journey leads.

"Designed for adventure, the Outback excels on gravel, grass and other challenging terrains."

Colours



Cadet (Matte)

Tan (Matte)

Desert (Camo)

Black (Camo)

Jungle (Camo)

Tropic Lightning (Camo)

White (Camo)

The Quantum Outback offers a range of colours to suit every adventurer's style, with two matte colours for a sleek, modern look and five distinct camo patterns for a rugged, outdoor-ready appearance.

Seating

CONTOURED SEATING

Contoured seating provides comfort and support with its ergonomic design, featuring black vinyl wipeable upholstery, and an angle adjustable fold-forward back support.

Available options include:

- Flip-up arm supports
- A removable seat cushion
- Manual reclining back support
- Adjustable seat depth

TRU BALANCE® 3 POWER POSITIONING SYSTEMS

TRU Balance® 3 is a customisable seating and positioning system that ensures optimal alignment and pressure distribution.
It provides maximum comfort and support for various postures and activities.

Available options include:

- Power tilt
- Power recline
- Power articulating foot platform
- Optional 10” safe seat elevation

Complex Needs?

If you require more complex seating, the Outback accepts a wide range of Stealth Products to help maintain good posture and positioning during your off-road adventures.

Electronics

Q-LOGIC 3e

(Standard)

The Q-Logic 3e is a simplified version of the Q-Logic 3 EX control, featuring a colour LCD, programmable soft keys, USB-C and XLR charging ports. It includes the industry's first magnetic charging port and built-in puddle lights for added convenience and visibility.

Q-LOGIC 3
Advanced Drive Control System

(Optional)

The Q-Logic 3 EX is a customisable, user-friendly control system with Bluetooth and optional infrared (IR), enabling operation of devices like smartphones,tablets, and computers. Users can program it to control Bluetooth-enabled devices or use a Bluetooth mouse, enhancing independence and connectivity.

Quantum Outback with Q-Logic 3e controller

Electronics

iACCESS

(Optional)

The iAccess features programmable push button and toggle options, with the capability to support up to 19 functions, such as powered seat functions, and lights and indicator settings.

Q-LOGIC 3

Enhanced Display

(Optional)

The Q-Logic 3 Enhanced Display serves as a separate screen used with speciality drive controls to display system data. It can operate a wide range of appliances and can also use IR remote controls.

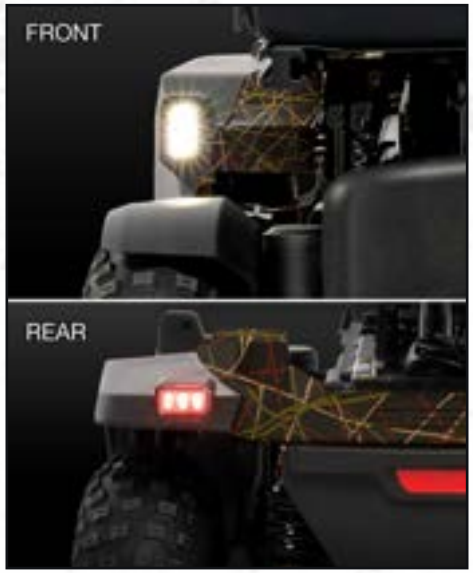
Quantum Outback with Q-Logic 3e controller

ACCESSORIES

The Quantum Outback offers a variety of optional accessories tailored to improve your experience and adapt to your individual needs. These accessories provide extra convenience, improved accessibility, and added safety for those looking to personalise their Outback.

The Quantum® Outback comes equipped with a comprehensive switch-operated LED lighting system. With LEDs installed on the front shroud and at the rear of each fender, above the drive tyres, this lighting system enhances both visibility and safety.

The Quantum® backup camera provides versatile safety support with a wide 170-degree rear viewing angle.



The LED lighting system

The Quantum® backup camera

Mobile Phone / Media Holder

Personal Item Pouch

Glovebox

Tablet Holder

Reflector

Universal Mount for Accessories

Cupholder

TRU Balance 3 Backpack Holder (Pair)

SRS Suspension

Developed for the Quantum Outback and various other Quantum powerchairs, SRS (Smooth Ride Suspension) is a cutting-edge suspension system created through a partnership with an automotive shock manufacturer. This collaboration led to the design of a true shock absorber tailored to the unique weight and drive dynamics of powerchairs.

With its coil-over design, where the spring is mounted around the shock absorber, SRS provides superior ride control, balancing comfort with drivability. It improves stability across varied terrains and adds support during seat elevation, ensuring a smooth and secure ride.

Smooth Ride Suspension (SRS)

"This collaboration led to the design of a true shock absorber tailored to the unique weight and drive dynamics of powerchairs".

Benefits:

- Enhanced comfort on rough terrain as the independent rear SRS suspension absorbs more shock from uneven ground, providing a gentler ride for users on various terrains like gravel, grass, or pavement
- The shock absorber allows the Outback to maintain stability, especially during activities like going up slopes.

SPECIFICATIONS

Product Specifications	
Drive Configuration	4x4
Weight Capacity	21 st 4 lbs (136 kg) with TRU-Balance 3 25 st (159 kg) with Contoured Seating
Turning Radius	49.2” (1249.7 mm)
Length [1]	42”. (1067 mm)
Width [1]	28.82”. (732.03 mm)
Max Obstacle Climbing	4” (102 mm)
Max Slope	8° (14.1%)
Base Weight	168.6 lbs (76.48 kg)
Drive Wheels	15” pneumatic
Battery Weight	2 x 95 Ah
Speed [2]	6 mph (9.65 kmh)
Motor Packages	4 motor, independent drive
Suspension System	Independent Smooth Ride Suspension
Electronics	Q Logic 3
Seats	Contoured Seating / TRU-Balance 3
Seat Width	Contoured Seating: 16”, 18”, 20”, 22” TRU-Balance 3: 16-22”
Seat Depth	Contoured Seating: 16”, 18”, 20”, 22” TRU-Balance 3: 16-22”
Power Positioning [3]	Tilt / Recline / Lift / Footboard
Seat Lift	10” safe seat elevation at 3.2 mph
Standard Features	Base mounted lights
Crash tested	No (coming soon)
Colour Range	2 Matte, with 5 Camo options coming soon

1) Dimensions listed are for power base only. Overall measurements will vary based on seating and accessory selections.

2) Speed varies with user weight, terrain type, battery charge, battery condition and tyre pressure.

3) Subject to seat type

Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or -) 3%.

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REV - 00 29/11/2024