Gocycle® G3

no Compromises

Richard Thorpe
Designer and Founder

automotive engineering

So passionate was Richard Thorpe about creating the perfect e-bike that he left a dream design job with McLaren Cars to dedicate all of his time to that purpose.

With his experience in designing lightweight racing car components and enthusiasm for innovative engineering excellence, Richard believed that an e-bike should be elegant, desirable, a joy to live with and fun.

Excellence

Designed
in London

Daytime Running Light (DRL)
Integrated dash display
Rear suspension
Lithium battery
Torque sensing
Cleandrive® with electronic shifting
On-demand power
PitstopWheels®

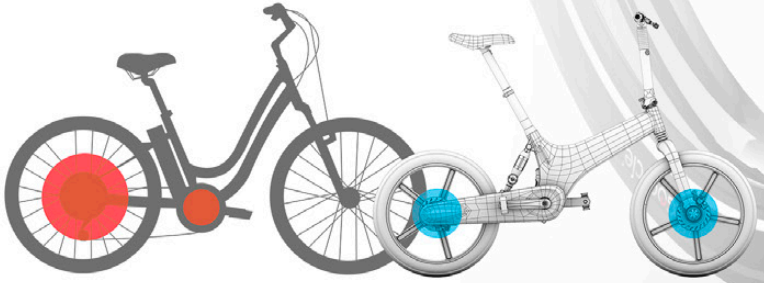
GOcycle
GOcycle

a **Joy** to own and ride

They say you can't re-invent the wheel or improve the design of the bicycle. Gocycle did both.

Gocycle is an automotive joy to live with. Ergonomic, elegant, lightweight, ingenious and fun. A talking point wherever it goes.

two wheel **Drive**



Central or rear hub drives unbalance the bike, over-burden the transmission, and leave you in the wrong gear

Electric motor powers the front wheel, pedals power the rear

A bespoke front-hub motor separates the powered drive from pedal drive.

Lighter and providing better front/rear weight distribution, this system also provides powerful advantages when the lights go green. Conventional e-bikes use derailleur gears which can leave even experienced cyclists in the wrong gear at the lights.

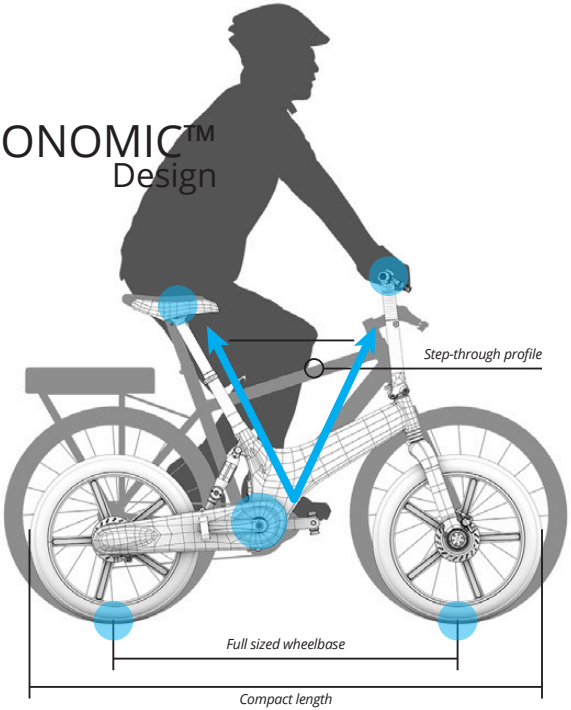
Not only does Gocycle's predictive electronic gear shift ensure that you are never in the wrong gear, the front hub drive never can be. Only Gocycle makes sure you always make a clean getaway.

electric

Powerful micro motor with more than 2X the power-to-weight ratio of conventional e-bike motor drives

designed to **Fit** you

VGONOMIC™ Design



Gocycle provides contact points in exactly the same place as a large-wheel bike – but with more adjustment to fit more riders.

The Vgonomic™-designed seat-post and frame geometry, combined with height and reach adjustable handlebars, provides adaptable fitting with superior comfort levels for a wide range of body types.

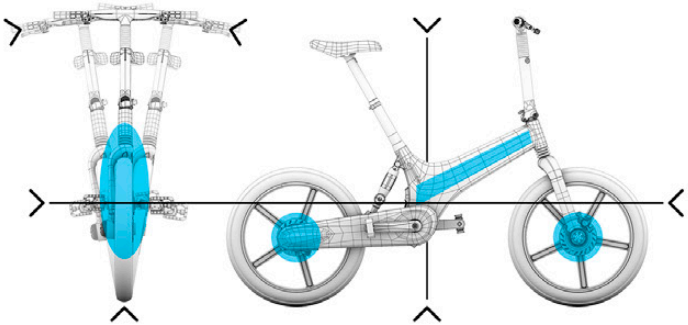
Gocycle has an automotive inspired adjustable driving position. Cars come in one size with an adjustable position; so does Gocycle.

GOcycle

Gocycle

agile and **Easy** to handle

Lightest in class, Gocycle also has perfect fore-aft weight distribution with mass centralised around the bottom bracket. The low centre of gravity makes the bike agile and responsive to ride, and easy to lift and manoeuvre at home.



Centring the mass of Gocycle makes it easy to handle

Front hub motor and battery contained within the chassis balances weight fore and aft

Clean and easy
GOCYCLE

to live with

No cables, no chains, no gears, sprockets,
or oil – no mess.
Gocycle can be taken anywhere.

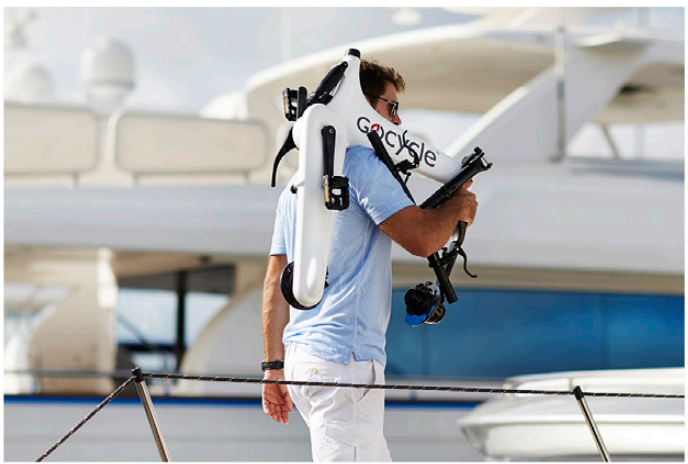
Quick-detach PitstopWheels®

versatile, light

Lightweight (16kg) and stowable, no other e-bike has the versatile dynamics of Gocycle.

Portable docking station available as an accessory.

and **Compact**

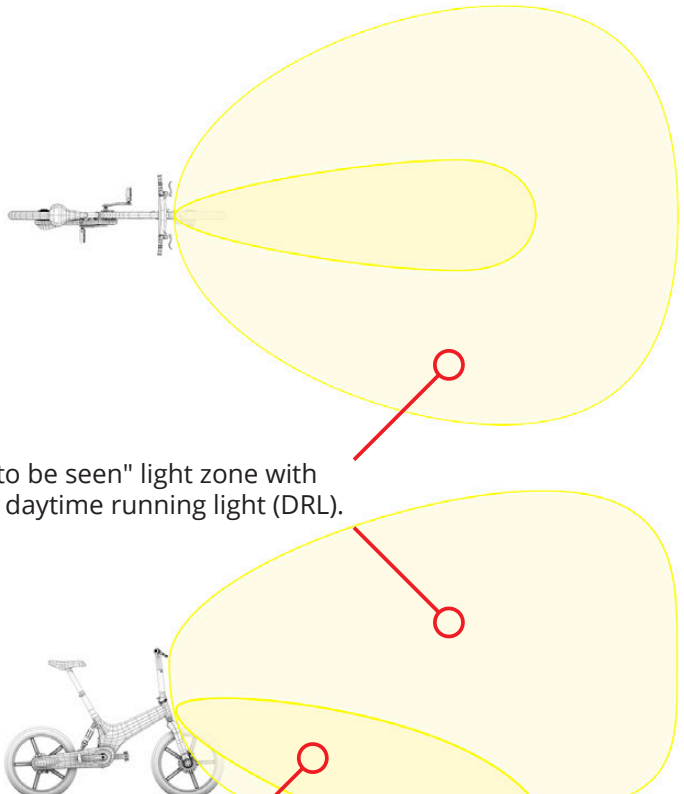


Gocycle packs away perfectly for transit or storage where space is tight. Ideal for a boat or motor-home or city living space.

The streamlined chassis and PitstopWheels® make cleaning Gocycle fast and easy.

Daytime Running Light

As of 2011, European law mandates that all automobiles are required to have daytime running lights (DRLs) which substantially increase the visibility of cars to other road users. The Gocycle G3 comes fitted with an automotive inspired DRL employing our proprietary light pipe design and technology.



Extended "to be seen" light zone with
Gocycle G3 daytime running light (DRL).

Normal “to see” light zone.
Optional Gocycle integrated Light Kit.

Streamlined
and easy to use

All the information the rider needs is presented in a streamlined, simple dash – battery level, driving mode, speed and gear position.

Shimano® Nexus® 3-speed hub gear with Gocycle electronic predictive shifting from button on handlebars

Hydraulic disc brakes ensure full control in all scenarios

easy on the **Planet**

Gocycle uses an environmentally-friendly process called Thixomolding® to create its high-tech, durable, ultra-lightweight magnesium frame and wheels.

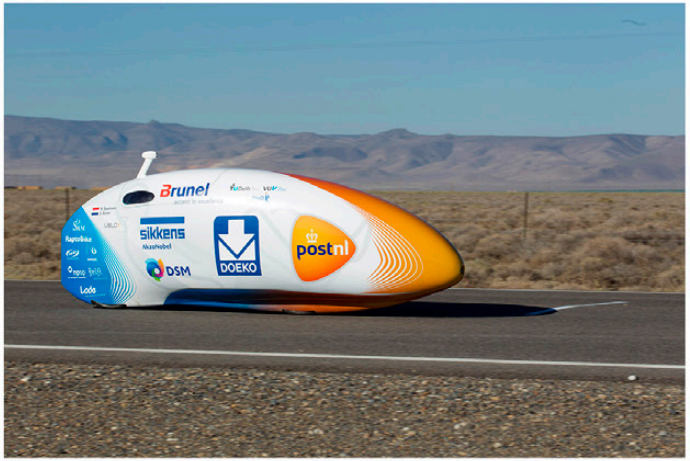
The Thixomolding® process does not produce any ozone depleting SF6 emissions, but will still give the rider the similar weight and structural benefits as carbon fibre.

Magnesium is widely available and much easier to re-cycle than other materials like carbon fibre.

Both the monocoque chassis and the Pitstop-Wheel® are made using a special magnesium moulding process called Thixomolding®. This is a first for any two wheeler.

fastest wheel in the world

On September 2013 in Battle Mountain, Nevada, Gocycle's Pitstopwheel® became the fastest bicycle wheel in the world when the VeloX reached a top speed of 133.78 km/h (83.6 mph) setting a new world speed record for human-powered vehicles.



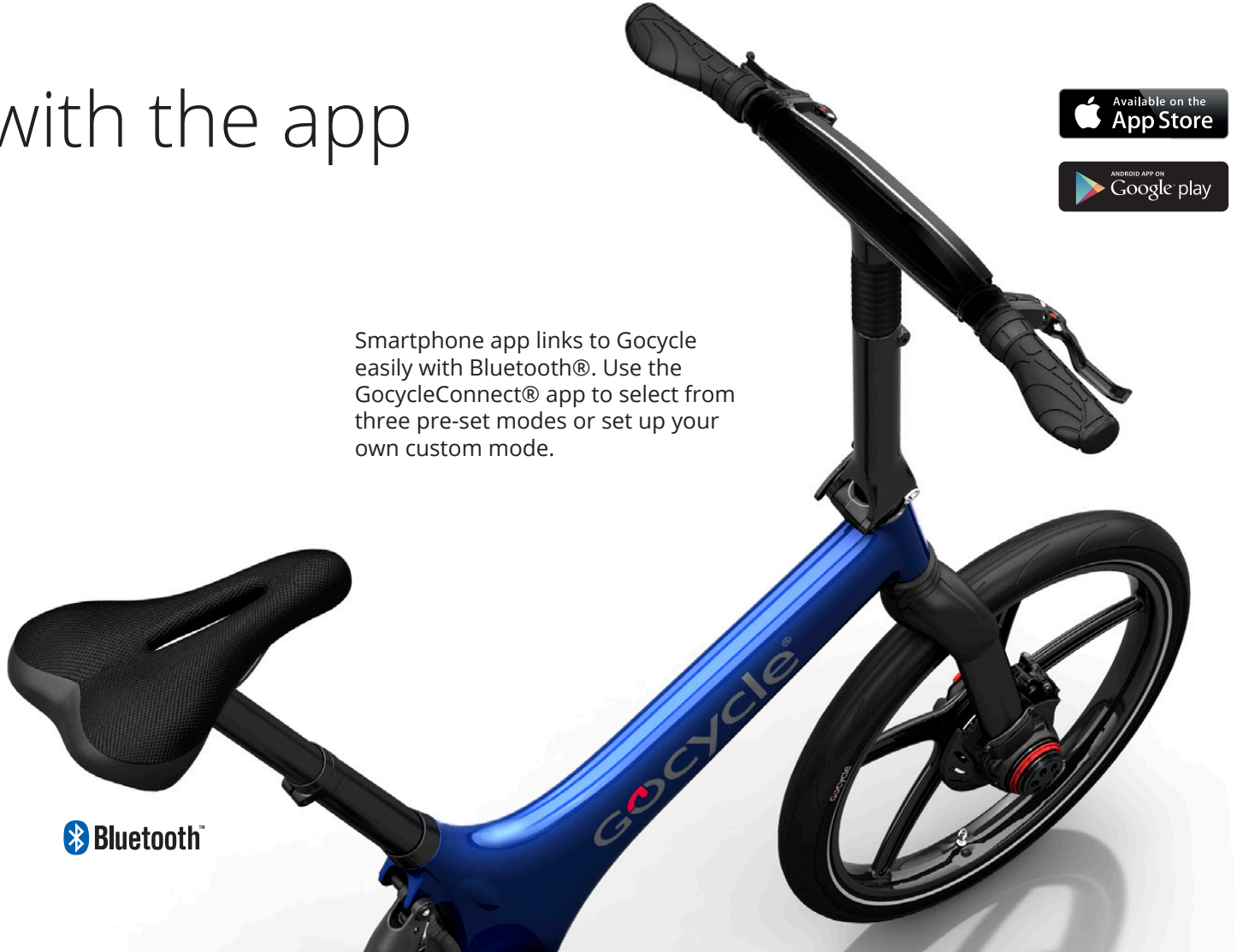
Personalise your ride

with the app

Available on the App Store

ANDROID APP ON Google play

Smartphone app links to Gocycle easily with Bluetooth®. Use the GocycleConnect® app to select from three pre-set modes or set up your own custom mode.



Bluetooth™

Colour palette

White

Electric Blue

Matt Black

Specifications

Technical Specs*

Electric Drive Speed**	25km/h (15.5 mph)
Range	Up to 80km (50 miles), depending on pedal input
Battery	In Frame Lithium, 13.5Ah, 22V, Approximately 300 Wh
Charging	7 hour full recharge
Approximate Weight	16.3kg (35.9 lbs)
Frame Size and Fit	Universal Vgonomic™
Rear Suspension	Gocycle Lockshock™ 25mm (1 in) travel
Tyres	Gocycle Performance Tyre (406-50, 20 x 1.75 in)

Technology & design

Daytime Running Light (DRL)***	Gocycle Proprietary Light Pipe Technology, 4 running modes, user selectable
PitstopWheel®	Proprietary Hexlock system
Motor Drive Control	Pedal Torque Sensing
Smart Device Connectivity	GocycleConnect® App via wireless Bluetooth®
Riding Modes	City, Eco, On-Demand, Custom. Multiple, programmable through interactive dashboard functions or GocycleConnect App
Motor	Gocycle G2 proprietary motor gear drive 250 watt continuous
Motor Controller	Gocycle G2 proprietary
Handlebar Display	Integrated dashboard display with fuel gauge, speed, gear, efficiency
Shifting	Gocycle electronic Predictive Shifting™
Transmission	Patented Cleandrive® Shimano Nexus 3-speed
Gear Inches	1st=39.1 in, 2nd=53.3 in, 3rd=72.5 in
Gear Development	1st=3.1 m, 2nd=4.3 m, 3rd=5.8 m
Brakes	Hydraulic disk, front and rear
Front Motor Fork	Gocycle G2 proprietary, single-sided, 6061 T6, fixed
Saddle	Velo D2 Comfort
Handlebar Stem	Quick-folding with reach and height adjustment

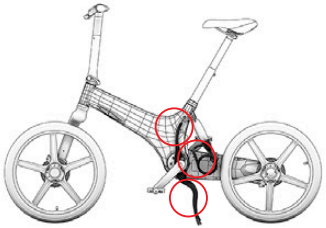
Geometry

Stowable Dimensions	600mm x 760mm x 300mm (with folding pedals)
Wheelbase	1065mm (42 in)
Head Angle	70°
Seat Tube Angle	68°
Bottom Bracket Height	275mm (11.5 in)

* Technical specifications subject to change without notice
** Electric bicycle speed regulations vary by country - consult your local authority for information
*** The purpose of the DRL is to enhance visibility of the Gocycle to other road users only. It is not intended to be a substitute for front and rear lights and should be accompanied with an additional set of front and rear lights approved for the territory you are riding. We recommend that you consult the relevant national safety organization or a reputable cycle dealer on what the minimum recommended lighting requirements are in your particular country or region.
Maximum Rider Weight - 100kg (220 lbs), including clothing and luggage

accessory Bundles

Gocycle owners are offered integrated Gocycle-designed accessories to enhance and customise their bike.

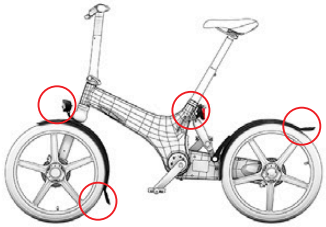


Base Pack

A/ G2 Kickstand
The G2 kickstand is made of durable and strong aluminium with dual legs to stand your Gocycle upright securely. Dual piston spring design and double bearing support give the kickstand a smooth and strong folding action.

B/ G2 Fold Leg
The fold leg provides support for the Gocycle G2 when folded down so that you can rest it on the floor in an upright position.

C/ Shocklock™
Cable lock assembly with 1066 lock pin. Lockable without key.

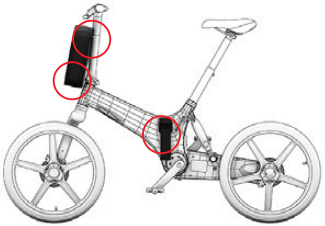


Commuter Pack

D/ G2 Integrated Light Kit
The G2 light kit uses Gocycle's internal battery to power bright front- and rearmounted lights.
German made, the LED lights are a must for commuting in the dark.

E/ Front Mudguard
Quick removable fastening and rubber ducktail for increased protection.

F/ Rear Mudguard
Quick removable fastening and rubber ducktail for increased protection.



Commuter Plus Pack

G/ G2 Front Pannier Rod Kit
Front pannier mounting rod for the G2 fits on the handlebar stem for mounting bicycle pannier. 250mm in length.

H/ Pannier Briefcase
Hard-wearing P-Tec 600 fabric with removable shoulder strap and internal divided compartments. Fits front and rear luggage racks. 430 x 320 x 70mm.

I/ ABUS Bordo 6000 Folding Lock
Sold Secure Silver rated lock and holster attaches neatly and conveniently to the Gocycle frame.

J/ Anti-Theft Bolt Kit for PitstopWheel®
Includes one security screwdriver and 6 bolts to disable the PitstopWheel® quick-release feature.

Portable Pack

K/ Portable Docking Station
Clean and moulded deck design for intuitive stowing. Stable four caster-wheel base for effortless transport. Durable and protective zip fastened cover.

L/ Folding Pedals (Pair)
Durable, high-quality folding pedal, made from fibreglass reinforced nylon with ball bearings for smooth operation. When folded, the spring loaded pedal reduces its size to only 55mm. Includes reflectors.

M/ Pedal Spanner with Gocycle Logo
Carbon Steel. For removal and replacement of pedals. Thermoplastic rubber for comfort.

Miscellaneous

N/ Gocycle Kit Bag
This lightweight kit bag is ideal for keeping your wheels, charger and saddle components organised and stored when your Gocycle is folded.

O/ Schwalbe® Big Ben Tyre
High-tech tyre with durable rubber compound, an effective puncture protection belt and a reflective stripe.

Awards

Reddot Award	Product Design 2015
Eurobike	iF Award
Eurobike	iF Gold Award
BikeBiz Awards	Winner; Product Innovation
Brit Insurance	Nominated; Design of the Year
iGIZMO	Eco Product of the Year
Gadget Show Live	Top Five Gadget
FietsVak	Bicycle Innovation Award
Taipei Int. Cycle Show	Best Complete Bicycle
	Best Innovation
igus	Gold Manus Award
British Library	Fifteen most iconic inventions of this century's first decade

Gocycle®

It's **Electric**

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Languages