



**Gocycle**® 

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.

Designed  
in London



# Excellence



GocycleConnect App  
Rear suspension  
Lithium battery  
Torque sensing  
Cleandrive® three speed  
On-demand power  
PitstopWheels®



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.

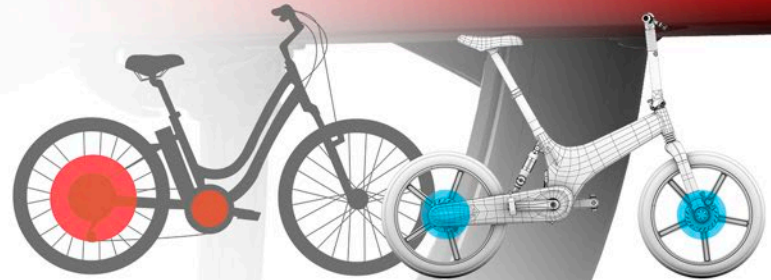


# two wheel Drive

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.

Gocycle's sequential three speed gear hub enables you to change gears while stationary, so you're never in the wrong gear, and the front hub drive never can be. With Gocycle, you'll always make a clean getaway.



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



electric

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

## VGONOMIC™ Design



# designed to Fit you

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.







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, motor-home or city living space.

Clean and easy



to live with

No exposed chain, gears, or oil – no mess.  
Gocycle can be taken anywhere.



Quick-detach PitstopWheels®



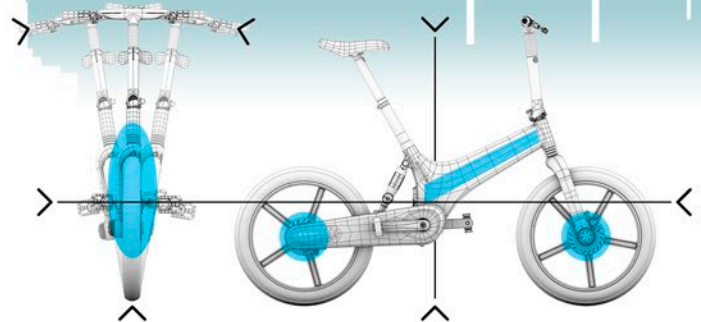
Gocycle®

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



# 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.

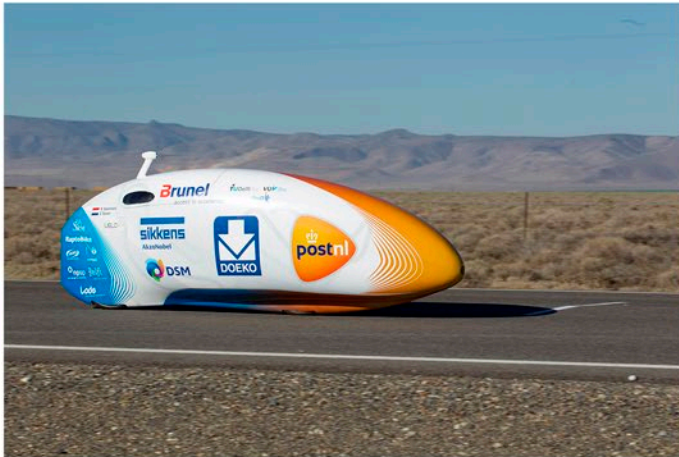
Both the monocoque chassis and the Pitstop-Wheel® are made using a special magnesium moulding process called Thixomolding®. This is a first for any two wheeler.





# 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

Personalise your motor assistance

Monitor your battery

Trip odometer

Calories burned calculator

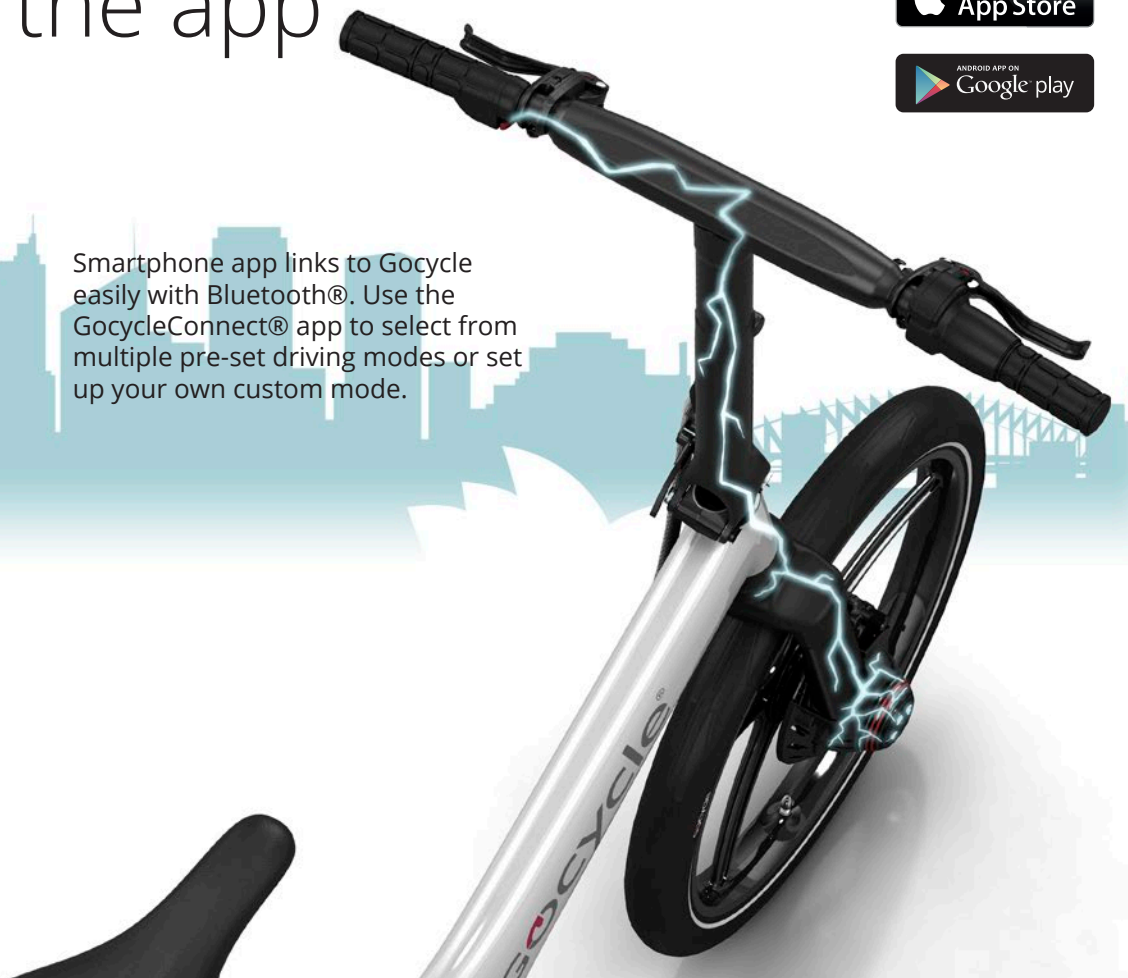
Set your riding mode

Troubleshooting made easy

# ride with the app



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



# Colour palette



White Black



White Red



Grey Black

## Additional Colours



Grey Red



White Pink



Grey Pink



White Dark Blue



Grey Dark Blue



White Light Blue



Grey Light Blue

# Specifications

<b>Frame Colour</b>	Front Frame: Grey, White; Cleandrive: Blue, Red, Black, Light Blue, Pink
<b>PitstopWheel®</b>	Patented PitstopLock™ system
<b>PitstopWheel® Colour</b>	Black
<b>Motor Drive Control</b>	Pedal Torque Sensing
<b>Smart Device Connectivity</b>	GocycleConnect® App via wireless Bluetooth®
<b>Riding Modes</b>	City, Eco, On-Demand, Custom. Multiple, programmable through interactive dashboard functions or GocycleConnect App
<b>Electric Drive Speed**</b>	EPAC: 25 km/h; US Type 1 & 2: 20 mph
<b>Range</b>	Up to 60km (40 miles), depending on pedal input
<b>Motor</b>	EPAC: 250 W; US Type 1 & 2: 500 W
<b>Battery****</b>	Gocycle proprietary Battery Management System (BMS) with improved sleep power management and charge control, increase capacity in frame lithium ion, 13.5Ah, 22V, Approximately 300 Wh 7 hours (3.5 hours with optional fast charger)
<b>Charging</b>	
<b>Motor Controller</b>	Gocycle proprietary
<b>Handlebar Display</b>	With Smart Device and GocycleConnect™ App
<b>Shifting</b>	Mechanical Microshift™
<b>Transmission</b>	Patented Cleandrive® Shimano Nexus 3-speed
<b>Gear Inches</b>	1st=39.1 in, 2nd=53.3 in, 3rd=72.5 in
<b>Gear Development</b>	1st=3.1 m, 2nd=4.3 m, 3rd=5.8 m
<b>Brakes</b>	Hydraulic disk, front and rear
<b>Tyres</b>	Gocycle Performance Tyre (406-50, 20 x 1.75 in)
<b>Front Motor Fork</b>	Gocycle proprietary, single-sided, 6061 T6, Uni-form 3D Forged
<b>Rear Suspension</b>	Gocycle Lockshock™ 25mm (1 in) travel
<b>Saddle</b>	Velo Sport
<b>Pedals</b>	Gocycle Folding Standard
<b>Frame Size and Fit</b>	Universal Vgonomic™
<b>Handlebar Stem</b>	Quick-folding with reach adjustment
<b>Head Angle</b>	70°
<b>Seat Tube Angle</b>	68°
<b>Wheelbase</b>	1065mm (42 in)
<b>Bottom Bracket Height</b>	275mm (11.5 in)
<b>Stowable Dimensions</b>	Portable Docking Station for easy stowing and transport (L780mm x W370mm x H580mm)
<b>Approximate Weight</b>	16.5kg (36.3 lbs) including kickstand and folding pedals
<b>Maximum Rider Weight***</b>	100kg (220 lbs), including clothing and luggage

\* Technical specifications subject to change without notice.

\*\* Electric bicycle speed regulations vary by country—consult your local authority for information.

\*\*\* This product has been designed with a maximum recommended weight limit of 100kg (220lbs) for the rider, clothing and all luggage, and is intended for use on paved roads. For rider and luggage weight 100-115kg (220-250lbs): riding style, road condition, tire pressures and luggage position may reduce product service life. Luggage weight should not exceed 10% of total rider and luggage weight. Never exceed rider and luggage weight of 115kg (250lbs) at any time. Exceeding this limit will void all warranties and may result in the product being unsafe for operation.

\*\*\*\* Battery capacity and performance may vary from battery pack to battery pack.

Last updated 3 September 2017

The GocycleConnect 6.3 app supports iOS 8.0 and above on iPhone 4s, iPhone 5, iPhone 5s, 6, 6 plus, 6s, 6s plus, 7, 7 plus, 8, 8 plus, iPhone SE, and soon iPhone X.

The GocycleConnect 6.3 app for Android supports Android versions 4.0, 4.1, 4.2, 4.3, 4.4, 5.0, 5.1, 6.0, 7.0, 7.1, and 8.0 on 11,247 Android devices (and unsupported on 3,125 Android devices).

# accessory Bundles

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



Base Pack (included as standard)

## A/ Kickstand

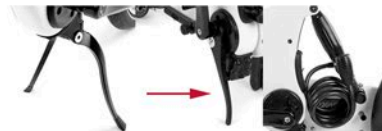
The Gocycle kickstand is made of durable and strong aluminium with dual legs to stand your Gocycle upright securely. Dual piston spring design and double bearing support give the kickstand a smooth and strong folding action.

## B/ 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 Accessories

## D/ Integrated Light Kit

The light kit uses Gocycle's internal battery to power bright front and rear mounted lights. German made, the LED lights are a must for commuting in the dark.

## E/ Front Mudguard

Durable with rubber ducktail for increased protection. Mounting brackets allow fine angle adjustment and quick removable fastening.

## F/ Rear Mudguard

Durable with rubber ducktail for increased protection. Mounting brackets allow fine angle adjustment and quick removable fastening.





### Pannier System

#### G/ Front Pannier

Multi-directional expanding pockets including padded shoulder strap for comfort and convenience. Soft touch and ergonomic moulded zip pullers. Inspired by Gocycle's patented Pitstopwheel®, with one simple movement, the front pannier can be effortlessly detached or re-attached.

#### H/ Rear Luggage Rack

Lightweight rear luggage rack has robust 14 mm diameter pannier tubing to suit most modern rear panniers. The bespoke design integrates perfectly with G2, G3 and G5. Rear light sold separately.



### Docking Station

#### I/ 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.



### Miscellaneous

#### J/ 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.

#### K/ Schwalbe® Big Ben Tyre

High-tech tyre with durable rubber compound, an effective puncture protection belt and a reflective stripe.

#### L/ Lock Holster Kit

Produced with 5mm hardened steel bars which have an innovative coating to prevent paintwork damage. This Sold Secure Silver rated lock is a great space saving device that stores neatly in the Gocycle Lock Holster.



# 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
igus	Best Innovation
British Library	Gold Manus Award
	Fifteen most iconic inventions of this century's first decade

**gocycle**<sup>®</sup>

**It's Electric**

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