

The Joy and Freedom of Cycling

Product Guide 2023



tomcatuk.org • 01452 616 900



At Tomcat, we know from over 25 years of innovation, that almost everyone can cycle, regardless of their challenges – if only they are given a fair chance!

Cycling is one of the best and most enjoyable ways to keep the whole body healthy, improving mobility, strength and independence along the way. What's more, cycling works where other forms of exercise might not because it is a fun, adventurous and a sociable thing to do.

For many of our customers, a trike that's easily transportable is all they need, and we have many innovative solutions to suit that requirement, but for others – particularly growing children with complex physical or learning difficulties – a more bespoke solution may be required. If you or your child need a special or entirely customised solution to help you achieve your potential, then we are the industry's acknowledged experts at getting you cycling. We don't just say that, we really mean it, and are proud to say that we have twice won the Queen's Awards in Innovation for the life changing contribution we have made to the industry.





***The Queen's Award
is the highest accolade
that can be bestowed upon
a British company"***

(Source - The Cabinet Office).



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2020

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We are using QR Codes in this brochure to link you to further information on our website.

You can scan the QR codes using your smartphone or tablet. To do this, open the camera app and point it at any QR code in this brochure. A link will appear which you can click on to take you to the webpage you are interested in.

If you have problems it may be because you do not have a QR scanner installed however you can obtain this from the app store of your smartphone or tablet.



Contents

To discover how we can help you, pick a product that suits your age and requirements, from the product guide, then turn to pages 40-47 for a chart of popular features, innovations and accessories. It is not exhaustive and does not cover customisation but Tomcat or your assessor can give you further advice if you feel your need is more complex.



Product Guide

Children and Young Teenager Trikes

Model	Page	Age	Motion	Customisable	Electric option
Tiger (2 Sizes)	6	15 - 4	Foot	✓	✗
Fizz	8	3 - 16	Foot	✓	Yes 5 km/h Max
Roadhog	10	3 - 16	Foot	✓	Yes 5 km/h Max
Handy	12	3 - 16	Hand	✓	Yes 5 km/h Max
Dragonfly	14	7 - 14	Foot	✗	✗
Thunderfly	16	7 - 14	Hand	✗	✗
Apprentice Arrow	18	7 - 14	Foot	✓	Yes 5 km/h Max
Silver Arrow	20	7 - 14	Foot	✓	Yes 5 km/h Max
Rotor Arrow	22	7 - 14	Hand	✓	Yes 5 km/h Max

Older Teenager / Adult Cycles

Model	Page	Age	Motion	Customisable	Electric option
Dragon	24	12 - 90	Foot	✗	✗
Thunderbolt	26	12 - 90	Hand	✗	✗
Apprentice Bullet	28	12 - 90	Foot	✓	Yes 5 km/h Max
Silver Bullet	30	12 - 90	Foot	✓	Yes 5 km/h Max
Rotor Bullet	32	12 - 90	Hand	✓	Yes 5 km/h Max

Electric Adult Trikes

Model	Page	Age	Motion	Customisable	Electric option
Electric Flame	34	Adult	Foot	✓	Yes 25 km/h Max
Electric Flare	36	Adult	Hand	✓	Yes 25 km/h Max

Other Cycle Products

Supplier	Page	Product Type
Tomcat Trailer Trike	38	Trike to Trailer Conversion
Van Raam (Holland)	48	Innovative Dutch Cycles
Tomcat Trike Tidy	53	Trike Wall Storage

Other Tomcat Products

Supplier	Page	Product Type
Bionic Buddy	39	5 km/h Electric drive for childrens trikes
Smart Brake	43	Wireless braking system
Tomcat Chair	51	Independent Seating
Twister Shoes (Italy)	52	Innovative Shoes

Technical Specification

Tech specification	Page
Featured options	40-41
Accessories	42

Tiger Foot Propelled Trike

Small children have a narrow pelvis, but standard pedal spans rarely reflect that fact! We wanted our Tiger riders posture to be totally natural, so we manufactured our own special crank and pedals to suit.

We have saved a full 4.5cm on pedal span by tucking the drive away inside the Tigers cool looking frame, because when pedals match pelvis, the legs are naturally comfortable and the Tiger becomes the ideal therapy tool for growing bodies. Protecting the working parts in this way ensures that the Tomcat Tiger is virtually maintenance free - a real bonus for busy schools and nurseries.

The Tomcat Tiger can be used independently or with Carer Control™ supervision.



Standard Features

- ✓ Available in two sizes
- ✓ Pedal span, 4.5cm less than normal
- ✓ Smooth, silent, belt drive
- ✓ Steering, Braking and Drive mechanisms all fully enclosed
- ✓ Maintenance free design
- ✓ Rider Brake and Park Brake
- ✓ Fully adjustable handlebars
- ✓ Rear Disc Brake

Popular Features



Carer Braking™



Carer Control™

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

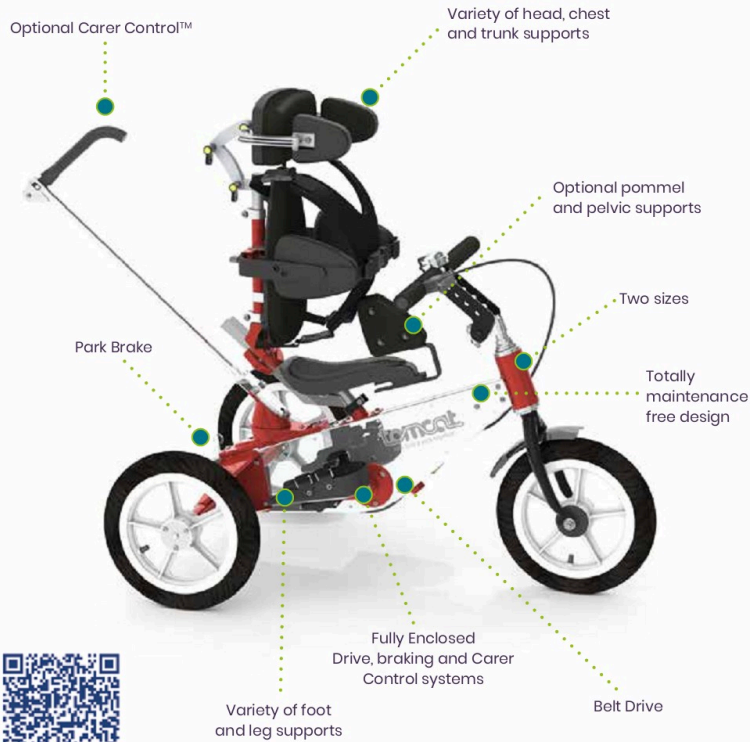
SUITABLE FOR ✓
1.5-4 YEARS



Thank you so much for Harry's new Tiger Trike. Despite his reaction at his fitting, he absolutely loves his trike which is providing his first taste of independent mobility.

At last we are able to enjoy being in the big outdoors as a family. It is also a huge talking point with passers-by, who all want to know where we got it. Thanks again."

Harry, Hilary and Paul Flynn



Tomcat Fizz Foot Propelled Trike

Fizz is the trike the Tomcat brand and Tomcat's reputation for innovation was built on. It was the world's first to provide Carer Control™ Quick Release Frame™, Dual Axle™, Trailer Trike™ and many other ground breaking innovations.

But perhaps its most important innovation was custom building. This has been the source of over 40 further innovations, two Queens Awards for innovation and the unexpected ability for thousands of children with severe physical and learning difficulties, to fulfil their dream of cycling.

Because every child and their individual challenges are unique, each Fizz we build begins with a personal assessment. Then, when we understand the problems, we customise a solution that we guarantee will work. Beautifully engineered throughout, the Tomcat Fizz really is the gold standard in special needs cycling.

The Tomcat Fizz can be used independently or with Carer Control™ supervision.



Standard Features

- ✓ Single speed trike with customisable drive ratio
- ✓ Two Piece, Quick Release Frame
- ✓ Custom Built to each rider and family's requirements
- ✓ Fixed OR Freewheel Drive
- ✓ Lightweight (12kg+)
- ✓ Left or Right handed Rider Brake

Popular Features

-  Carer Braking™
-  Carer Control™
-  Dual Axle™
-  Trailer Trike™
-  Bionic Buddy™ Power Assist
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
3-16 YEARS



Hi, I just wanted to say a very big thank you for my son, Callum's trike. It is wonderful and he loves it, we have had great fun over the last few days for rides on it around the local village. We have even been for ice cream.

I cannot thank you enough for the chance you have given my son to have the freedom and to feel like a normal little boy"

Vicky Gouldbourn



Variety of head, chest and trunk supports

Optional Full Carer Control™

Variety of handlebar options

Two-piece, Quick Release, transportable frame™

Bionic Buddy & Trailer trike ready

Variety of foot and leg supports

Single Speed drive, with customised gear ratio and fixed, freewheel, or dual drive



Tomcat Roadhog

Foot propelled Trike

The Roadhog is a versatile, multi-speed trike for more able users but when needed it can be built with most of Tomcat's signature innovations. It features a quick releasing, two piece frame, or for even easier transportation and storage, Pitstop™ Quick Release Rear Wheels are optionally available.






Also featured is our innovative drive that has a specially adapted Shimano 8 speed hub integrated into the rear axle. With only one chain there is less drive friction and less maintenance too. For high performance cycling from 3 to 83 the Roadhog really has no equal.



Standard Features

- ✓ Integrated Hub™ Shimano Inter8 Hub (Axle Integrated)
- ✓ Lightweight Frame (14kg+)
- ✓ Quick Release, Two Piece Frame™ for easy transportation/storage
- ✓ Low Maintenance
- ✓ Two Rider brakes

Popular Features

-  Carer Braking™
-  Carer Control™
-  Pitstop™, Quick Release Rear Wheels
-  Trailer Trike™
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
3-16 ADULT



Thank you so much Martin for setting up Scott's bike properly. I'm not sure if I told you, but Scott's riding skills are even more impressive when you know he can't stand, walk or crawl independently – he's only just managed to sit by himself for short periods!"

S.R.

Tomcat Handy Hand Propelled Trike

The Tomcat Handy is a hand-propelled trike ideal for children with complex needs as it can be extensively accessorised or customised. It can be Hand AND Foot propelled when required, creating “whole body” therapy and helping to tone muscles and increase blood flow.

The Handy has a unique design for children with learning difficulties. A crank arm counterbalance overcomes the usual pendulum effect, ensuring an equal resistance at all times, making the cycling action easier to use and understand.

A square, cushioned seat provides extra security and support, and with the Handy's light, two-piece frame, it can be easily transported, stored or converted to a trailer-trike – providing freedom to explore far and wide.



Standard Features

- ✓ Balanced Cranks™ for children with learning difficulties
- ✓ Custom designed to suit the individual
- ✓ Adjustable for crank, reach and height
- ✓ Adjustable for footrest, reach, height and angle
- ✓ Single speed fixed drive
- ✓ Fully Upholstered, full width seat for comfort and stability
- ✓ Safety Backrest with waist strap

Popular Features



Shimano * 8 Speed Hub



Swivel Seat



Bionic Buddy™ Power Assist



Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
3-16 YEARS



Bionic Buddy & Trailer trike ready



You kept your promise to get ready the bicycle for summer and we got it! Thank you for your professionalism in making the tricycle adaptable for Sammy's needs, you knew the right pieces to add for Sammy's comfort and safety"

Sammy's mum

Dragonfly Foot propelled Trike

The Tomcat Dragonfly is a safe, stable, trike for young children to use independently. Designed specifically for multi-user use, this fun trike adapts easily to different riders.

A series of Tomcat innovations has made the Dragonfly one of the safest and most stable multi-user trikes on the market.

A drive chain, enclosed within the frame, eliminates chain problems whilst the comfortable molded seat slides easily without wobble or jams, allowing riders to adjust their position precisely and easily.

Safety is assured with a caliper front brake and disc rear brake, whilst Incredible stability has been achieved with Tomcat's Self-Centring Steering™ system that ensures sure-footed maneuverability before returning naturally to straight ahead!



Standard Features

- ✓ Robust, tough and stable frame
- ✓ Single speed fixed drive with standard or high drive ratio
- ✓ Self-Centring Steering™ for a stable, responsive ride
- ✓ Molded Bucket Seat with 20cm slide adjustment
- ✓ Front Caliper and Rear Disc Brakes
- ✓ Fully enclosed chain drive (Inside the frame)

Popular Features

-  Recoil Lap Strap
-  Dual Axle™
-  Self Levelling Pedals

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
7-14 YEARS



The Sun finally came out for @MidlandMencapUK @Sport_England families fun session, seeing happy cyclists & happy parents! Mark hadn't got on a bike on his own since pre lockdown! Persistent parents & maybe the shiny new @TomcatSNILtd dragonfly helped! #Cycling @InclusiveCycling."

Twitter

Thunderfly Hand Propelled Trike

The Tomcat Thunderfly is a safe, stable, and easy to use HAND propelled trike for children and teenagers. Adapted for multi-user use from the popular Tomcat Dragonfly concept, this latest fun addition to Tomcat's "Affordable Quality" range, easily adapts to every user's requirements and is ideal for multi-user environments.

Its comfortable bucket seat with optional recoil safety strap, slides smoothly and easily to the most comfortable and effective hand-cycling position, whilst the strapped footrests adjust in seconds for leg-stretch, platform height and rotation.

The Thunderfly riding experience is fantastically sure and stable thanks to Tomcat's patented "Self-Centring" steering, whilst front and rear braking keeps you safe and in control. The Thunderfly has a frame folding feature for easier transport whilst a very low step through helps you get on and off in safety.



Standard Features

- ✓ Very low "Step Through" frame design
- ✓ Shimano 8 Speed, Hand Cranked, Hub drive
- ✓ Self-Centring Steering™ for a stable, responsive ride
- ✓ Bucket Seat with 20cm slide adjustment
- ✓ Fully Adjustable Footplates
- ✓ Seat and footrests adjust in seconds with rider seated
- ✓ Front V-brake AND Rear Disc Brakes for safer braking

Popular Features

-  Recoil Lap Strap
-  Safety Flag

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
7-14 YEARS



Quick Adjust foot supports, Extend, lift and rotate functions



We were blessed to have discovered you! From the inception of CYCALL you have been an amazing support of our little organisation. Thank you so much to Kevin for delivering our new bikes, we are delighted with them. As always, 5* service from Tomcat. Great Communication, prompt and polite. Heartfelt thanks.”

Martine Walters, Chair CYCALL

Apprentice Arrow Foot Propelled Trike

The Apprentice Arrow, is a highly stable, low-sitting, single speed trike, for independent use, or supervised use when specified with Carer Braking™ or Carer Control™.

"Apprentice Special Edition trikes" are multi-user versions of the individual user's trike, that feature a Swivel Seat™, quick adjustment of the seat slide (20cm), and telescopic leg length adjustment, (15cm), all whilst the rider stays seated. An ideal feature for all Multi-User environments.

The Apprentice low-sitting position (at wheelchair height), creates an easy transfer and much more stable ride, whilst the more natural (upright), angle of the backrest, is better for posture and relieves neck strain issues usually associated with recumbent designs.

The Apprentice is available with a wide range of options, and accessories, particularly for posture and support, and can be customised to the users exact requirements.



Standard Features

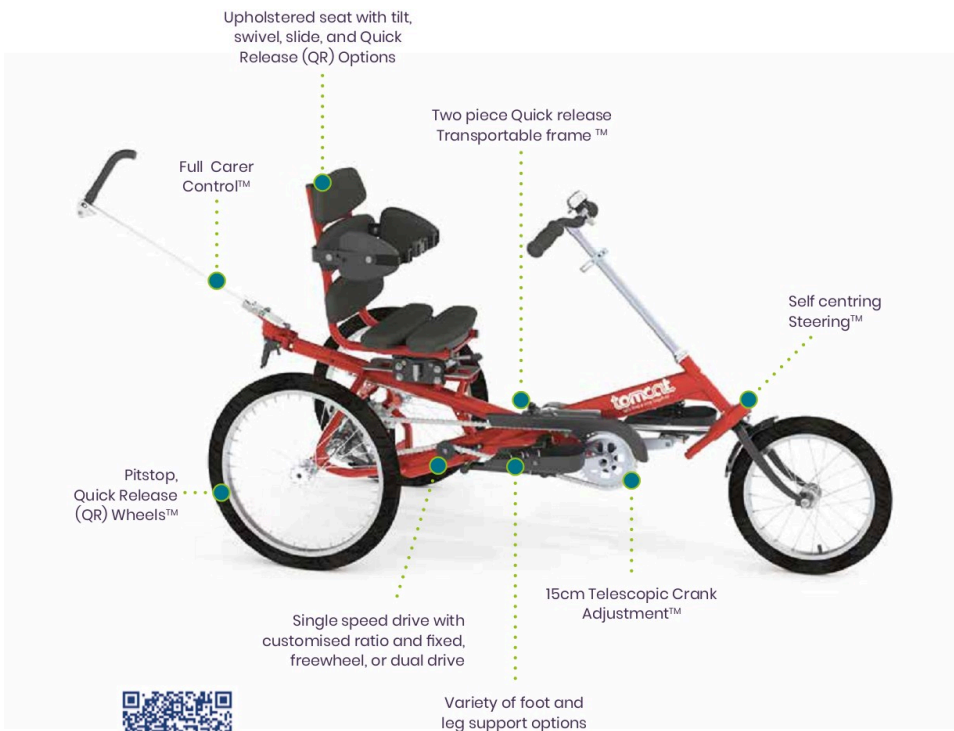
- ✓ Ergonomic posture and easy access
- ✓ Upholstered Seat and Backrest
- ✓ Single speed, (fixed or freewheel)
- ✓ Customised leg length with 15cm total range
- ✓ Customised seat slide with 15cm total range
- ✓ Self-Centering Steering™, for sure footed and responsive steering

Popular Features

-  2 Piece Frame and other Transport Features
-  Carer Control™
-  Dual Axle™
-  Trailer Trike™
-  Bionic Buddy™
-  Special Edition™
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
7-14 YEARS



**Absolutely loving
his new Tomcat
Apprentice Arrow
@TomcatSNLtd
Leeds 2022 @WHBTG
here we come!! @
LeedsChildren @
NiemannPickUK @
Algieart™**

Twitter

Silver Arrow Foot propelled Trike

The Silver Arrow is an innovative, agile, multi-gearred trike, for independent children and teenagers looking for a low-sitting, secure and stable ride. Essentially, it's a performance bicycle with three wheels, but its impressive transportability, accessibility, adjustability and bespoke build, makes it very much more than that. If you need a little extra help to cycle, it's a game-changer!

Its "chair-height" seat and backrest are fully upholstered for comfort, whilst the natural ("upright") angle of the backrest promotes better posture and eliminates neck strain issues often associated with more recumbent designs.









But the Silver Arrow's stand-out optional feature is its easy transportability because life's much more, interesting if you're mobile. Despite its sophisticated design, the Silver Arrow can be optimized with a Two Piece Frame, Quick Release Wheels, quick release seat and backrest, and folding handlebars. What's more, all that separation and assembly can be done in less than a minute and fit in the boot of a family car - even with electric power assist! If you don't like to be beaten, you'll find the Silver Arrow is unbeatable.



Standard Features

- ✓ Fully Upholstered seat and backrest
- ✓ 8 Speed, Shimano Inter8 Hub drive
- ✓ Differential drive to rear wheels
- ✓ Front V-brake and rear disc brakes
- ✓ Self Centring Steering™

Popular Features

-  2 Piece Frame and other Transport Features
-  Quick Release Seat™
-  Pitstop™, Quick Release Rear Wheels
-  Tomcat Connect™
-  Bionic Buddy™
-  Go Back™ Reverse Drive
-  Tilting Backrest
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
7-14 YEARS

15.5mph 36v E-Drive
or 3mph, Bionic Buddy
options available



Just wanted to say how delighted we are with Alexander's new trike. Despite the cold and snowy weather we have had a lovely couple of rides. Alexander has been pedalling himself which is so good for his leg muscles. He loves it and has new sense of independence and achievement.

Many thanks. Elizabeth B



Rotor Arrow

Hand Propelled Trike

The Rotor Arrow is a multi speed, low-sitting, hand propelled trike for children and teenagers with limited use of their legs. It can additionally be supplied as a hand AND foot propelled trike for exercise of the whole body and it can be optionally converted to a Trailer Trike in seconds.

Its "wheelchair-height" seat and backrest ensure an easy transfer and are fully upholstered for comfort, whilst the natural ("upright") angle of the backrest promotes better posture and eliminates neck strain issues often associated with more recumbent designs.

But the Rotor Arrows stand-out optional feature is its easy transportability because life's much more interesting if you're mobile. Despite its sophisticated design the Rotor Arrow can be optimised with a Two Piece Frame™, Quick Release Rear Wheels™, and quick release seat and backrest. What's more, all that separation and assembly can be done in less than a minute and fit in the boot of a family car – even with electric power assist! If you don't like to be beaten, you'll find the Rotor Arrow is unbeatable.



Standard Features

- ✓ 8 Speed, Shimano Inter8 Hub drive
- ✓ Fully Upholstered Seat and Backrest
- ✓ Front V-brake and rear disc brakes
- ✓ Self Centring Steering™

Popular Features

-  2 Piece Frame and other Transport Features
-  Quick Release Seat™
-  Pitstop™, Quick Release Rear Wheels
-  "Gutter" type Leg Supports
-  Bionic Buddy™ Power Assist
-  Go Back™ Reverse Drive
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
7-14 YEARS

15.5mph 36v E-Drive
or 3mph, Bionic Buddy
options available

Upholstered seat with tilt,
swivel, slide, and Quick
Release (QR) Options

Optional Pitstop,
Quick Release
(QR) Wheels™

Optional Two Piece Quick release
Transportable frame™

Front V-brake and rear disc
brakes, with park brake

Various Foot support options
available (self-levelling shown)
(15cm of leg length adjustment)

8 Speed Inter8
Shimano hub drive



Darren really enjoyed
using the @Tom-
catSNILtd Rotor hand
propelled trike at
Saturday's CYCALL
session. #cyclingforall
#adaptedcycling
#cyclingcomesinmany-
forms #greatexercise

Twitter



Dragon Foot Propelled Trike

The Tomcat Dragon is a safe, stable, easy to use trike for fully independent teenagers and adults.

Designed specifically for multi-use, this fun trike adapts easily to different riders.

A series of Tomcat innovations has made the Dragonfly one of the safest and most straightforward multi-use trikes on the market.

A drive chain, enclosed within the frame, eliminates chain problems whilst the comfortable moulded seat slides easily without wobble or jams, allowing riders to adjust their position precisely and easily.

Safety is assured with a calliper front brake and disc rear brake, whilst Incredible stability has been achieved with Tomcat's Self-Centring Steering™ system that ensures sure-footed manoeuvrability before returning naturally to straight ahead!



Standard Features

- ✓ Robust, tough and stable frame
- ✓ Single speed fixed drive with standard or high drive ratio
- ✓ Self-Centering Steering™ for a stable, responsive ride
- ✓ Moulded Bucket Seat with 20cm slide adjustment
- ✓ Front Caliper and Rear Disc Brakes
- ✓ Fully enclosed chain drive (inside the frame)

Popular Features

-  Recoil Lap Strap
-  Dual Axle™
-  Self Levelling Pedals

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
12-ADULT



This is absolutely incredible and amazing and fab. My new bike just arrived. It was a big surprise. Mam is wonderful. It's for Christmas. I'm very lucky. Thank you Martin from @TomcatSNLtd

Mam here: this is so important to Brent. Do share his joy and RT"

Joe's mum

Thunderbolt Hand Propelled Trike

The Tomcat Thunderbolt is a safe, stable, and easy to use HAND propelled trike for teenagers and adults. Adapted for multi-user use from the popular Tomcat Dragon concept, this latest fun addition to Tomcat's "Affordable Quality" range, easily adapts to every user's requirements and is ideal for multi-user environments.

Its comfortable bucket seat with recoil safety strap, slides smoothly and easily to the most comfortable and effective hand-cycling position, whilst the strapped footrests adjust in seconds for leg-stretch, platform height and rotation.

The Thunderbolt riding experience is fantastically sure and stable thanks to Tomcat's patented "self-centering" steering, whilst front and rear braking always keeps you safe and in control. The Thunderbolt has a frame folding feature for easier transport whilst a very low step through helps you get on and off in safety.



Standard Features

- ✓ Very low "Step Through" frame design
- ✓ Shimano 8 Speed, Hand Cranked, Hub drive
- ✓ Self-Centring Steering™ for a stable, responsive ride
- ✓ Bucket Seat with 20cm slide adjustment
- ✓ Fully Adjustable Footrests
- ✓ Seat and footrests adjust in seconds with rider seated
- ✓ Front V-brake AND Rear Disc Brakes for safer braking

Popular Features



Recoil Lap Strap



Safety Flag



Self Levelling Pedals

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR
12-ADULT ✓



Quick Adjust foot supports, Extend, lift and rotate functions



We have really appreciated the level of support and the time you took when planning and adapting the trike specifically for Freddie and setting it up perfectly for him when we came to collect it

Freddie's parents

Apprentice Bullet Foot Propelled Trike

The Apprentice Bullet, is a highly stable, low-sitting, single speed trike, for independent use, or supervised use when specified with Carer Braking™ or Carer Control™.

"Apprentice Special Edition trikes" are multi-user versions of the individual user's trike, that feature a Swivel Seat™, and quick adjustment of the seat slide (15cm), and telescopic leg length adjustment, (15cm), all whilst the rider stays seated. An ideal feature for all Multi-User environments.

The Apprentice low-sitting position (at wheelchair height), creates an easy transfer and much more stable ride, whilst the more natural (upright), angle of the backrest, is better for posture and relieves neck strain issues usually associated with recumbent designs.

The Apprentice is available with a wide range of options, and accessories, particularly for posture and support, and can be customised to the users exact requirements.



Standard Features

- ✓ Ergonomic posture and easy access
- ✓ Upholstered Seat and Backrest
- ✓ Single speed, (fixed or freewheel)
- ✓ Customised leg length with 15cm total range
- ✓ Customised seat slide with 15cm total range
- ✓ Self-Centering Steering™, for sure footed and responsive steering

Popular Features

-  Carer Control™
-  Dual Axle™
-  Trailer Trike™
-  Special Edition™
-  2 Piece Frame and other Transport Features
-  Bionic Buddy™ Power Assist
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
12-ADULT



Huge thank you from Ryan and his family for his new Bullet. It's absolutely the best. He loves it and pedals SO well, really strongly! Callipers are brilliant and correct the roll in of his knees exactly as we had hoped. We could not be more delighted and are so grateful for all your help and understanding getting to this point.

We hope that whoever receives Ryan's old green trike, that he outgrew and that we brought back to you, has many fun filled years of happy cycling."

Sarah, Andrew and Ryan



15cm Telescopic Crank
Adjustment with rack and pinion
frequent adjust, option.

Silver Bullet Foot Propelled Trike

The Silver Bullet is an innovative, agile, multi-gear trike, for teenagers and adults looking for a low-sitting, secure and stable ride. Essentially, it's a performance bicycle with three wheels, but its impressive transportability, accessibility, adjustability and bespoke build, makes it very much more than that. If you need a little extra help to cycle, it's a game-changer!

Its "chair-height" seat and backrest are fully upholstered for comfort, whilst the natural ("upright") angle of the backrest promotes better posture and eliminates neck strain issues often associated with more recumbent designs.








But the Silver Bullet's stand-out optional feature is its easy transportability, because life's much more interesting if you're mobile. Despite its sophisticated design the Silver Bullet can be optimised with a Two Piece Frame, Quick Release Wheels, quick release seat and backrest, and folding handlebars. What's more, all that separation and assembly can be done in less than a minute and fit in the boot of a family car. If you don't like to be beaten, you'll find the Silver Bullet is unbeatable.



Standard Features

- ✓ Fully Upholstered seat and backrest
- ✓ 8 Speed, Shimano Inter8 Hub drive
- ✓ Differential drive to rear wheels
- ✓ Front drum and rear disc brakes
- ✓ Self Centring Steering™

Popular Features

-  2 Piece, Quick Release, Frame™
-  Quick Release Seat™
-  Pitstop™, Quick Release Rear Wheels
-  Tomcat Connect™ for 2 piece frames (Auto split & reconnect of gear, brake and electronic controls)
-  "Go Back" Reverse Drive
-  Bionic Buddy™ 3mph Power Assist
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR
12-ADULT



Tomcat staff were very welcoming, and made me feel that they understood the importance of the trike fitting my short stature, and we discussed the pros and cons of having shorter cranks on the pedals, so my knees could rotate them properly. Bob took a series of measurements, which no-one else had done. He was able to assure me that the trike would fit me.

I was able to actually sit on a trike and try it out on the car park in front of the building. I immediately realised that this was the right product. The Silver Bullet is perfect for me!"

Victoria Finch



Rotor Bullet Hand Propelled Trike

The Rotor Bullet is a multi speed, low-sitting, hand propelled trike for children and teenagers with limited use of their legs. It can additionally be supplied as a hand AND foot propelled trike for exercise of the whole body and it can be optionally converted to a Trailer Trike in seconds.

Its "wheelchair-height" seat and backrest ensure an easy transfer and are fully upholstered for comfort, whilst the natural ("upright") angle of the backrest promotes better posture and eliminates neck strain issues often associated with more recumbent designs.








But the Rotor Bullet's stand-out optional feature is its easy transportability because life's much more interesting if you're mobile. Despite its sophisticated design the Rotor Bullet can be optimised with a Two Piece Frame, Quick Release Rear Wheels, and quick release seat and backrest. What's more, all that separation and assembly can be done in less than a minute and fit in the boot of a family car. If you don't like to be beaten, you'll find the Rotor Bullet is unbeatable.



Standard Features

- ✓ 8 Speed, Shimano Inter8 Hub drive
- ✓ Fully Upholstered Seat and Backrest
- ✓ Front V-brake and rear disc brakes
- ✓ Self Centring Steering™

Popular Features

-  2 Piece, Quick Release, Frame™
-  Quick Release Seat™
-  Pitstop™, Quick Release Rear Wheels
-  "Gutter" type Leg Supports
-  Bionic Buddy™ 3mph Power Assist
-  "Go Back" Reverse Drive
-  Tomcat Connect
-  Smart Brake

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

SUITABLE FOR ✓
12-ADULT



**I can now join
in with my friends
on long bike rides
thanks to the
Rotor Bullet. Life
changing is putting
it mildly. Thank
you to the team.**

Jamie B.



Electric Flame Foot Propelled Adult Trike

The Tomcat Electric Flame is an electric power assisted, multi-geared trike, suitable for adults of all ages. Essentially, it's a performance bicycle with three wheels, however, it has some impressive options for easy transportability, excellent accessibility, and wide ranging adjustability. This makes the Electric Flame suitable for almost every user's needs, but if necessary, we can customise to your particular requirements.

For comfort, its seat and backrest are fully upholstered, whilst the natural sitting angle of the backrest promotes better posture and eliminates neck strain often associated with recumbent designs.

But the Flame's stand-out advantage over other electric trikes is its transportability. This feature enables the trike to be carried in the boot of most family cars with spanner free assembly in seconds. To achieve this, it has a divisible frame, quick release seating, folding handlebars and optional quick release wheels. For the technically minded all control cables and wires automatically "break and make" using our patented "Connect™" system. If you want a trike designed to travel, the Electric Flame has no equal.



Standard Features

- ✓ 250w Electrical Power Assist with 6 power support levels
- ✓ Press button start aid. Up to 6 kph without pedaling
- ✓ Battery condition display
- ✓ 8 Speed, Shimano Hub drive
- ✓ Rear wheels differential drive
- ✓ Front V-brake and rear disc brakes
- ✓ Fully Upholstered seat and backrest
- ✓ Self Centring Steering™
- ✓ More visible than a recumbent

Popular Features

-  "Go Back™" non electric reverse drive
-  Tilting Backrest
-  Instant Multi-User adjustability
-  Swivel Seating
-  Pitstop™, Quick Release Rear Wheels
-  Customizable
-  2 Piece, Quick Release, Divisible Frame™
-  Smart Brake
-  Tomcat Connect™ auto split / reconnect of gear, brake and electrical controls

Refer to pages 40-42 for full Technical Specifications, Options and Accessories



I'm getting in my exercise while enjoying the scenery of my beautiful village. Of course it has so changed my life and has helped me to focus much more on what I can still do, rather than on what I can't.

I would say to anyone looking for some assistance with walking, consider an electric trike first. Don't give up on your exercise unless your health problems really demand it. The trike is so good it will truly give you a new lease of life.

Gerald W



Electric Flare Hand Propelled Adult Trike

The tomcat hand propelled Electric Flare is an electric power assisted, multi geared trike suitable for adults of all ages. It has some impressive options for easy transportability, excellent accessibility, and wide ranging adjustability, making the Electric Flare suitable for almost every hand-propelled user's needs. However, if necessary, we can customize to your particular requirements.

For comfort, its seat and backrest are fully upholstered, whilst the natural sitting angle of the backrest promotes better posture and eliminates neck strain often associated with recumbent designs.

But the Flare's stand-out advantage over other electric trikes is its transportability. This feature enables the hand-propelled trike to be carried in the boot of most family cars with spanner free assembly in seconds. It has a divisible frame, quick release seating and optional quick release wheels. For the technically minded all control cables and wires automatically "break and make" using our patent pending "Connect" system. If you want a trike designed to travel, the Electric Flare has no equal.




SUITABLE FOR
14-ADULT ✓



Standard Features

- ✓ 250w Electrical Power Assist with 6 power support levels (rear wheel drive)
- ✓ Press button start aid. Up to 6 kph without pedaling
- ✓ Battery condition display
- ✓ 8 Speed, Shimano Hub drive
- ✓ Front V-brake and rear disc brakes
- ✓ Fully Upholstered seat and backrest
- ✓ More visible than a recumbent
- ✓ Easy wheelchair transfer

Popular Features

-  Tomcat Connect
-  Swivel Seating
-  Instant Multi-User adjustability
-  Tilting Backrest
-  Go Back™ Reverse Drive
-  Customizable
-  Smart Brake
-  Variety of foot and leg supports including gutters
-  2 Piece, Quick Release, Divisible Frame™
-  Pitstop™, Quick Release Rear Wheels

Refer to pages 40-42 for full Technical Specifications, Options and Accessories#



It's absolutely fantastic, I can't believe the speed of this machine! I'm so happy with it, it really is going to change my cycling experience for the good!

Mike B



Trailer Trike™

Ordering your trike as a Trailer Trike™ or upgrading it later, is a great way to enjoy an inclusive family activity that the whole family can enjoy together.

To make the conversion, the front wheel section of the trike is removed and replaced with a trailer bar which then connects to the towing bike. All the features and settings for the trike are replicated on the trailer so everything is familiar to the rider and only the experience changes.

The Trailer Bar design differs between models, but the result is the same - a safe and stable trailer, converted from the rider's own tricycle in under 30 seconds. Furthermore, Tomcats Trailer Trike™ can be easily transported in most family cars.

Check the "specifications and option" section for a list of which trikes can be built as a trailer trike.



Features and Benefits

- ✓ Easily transportable
- ✓ Converts from trike to Trailer in 30 seconds
- ✓ Turns individual therapy into a family activity
- ✓ An entirely new and exciting experience for the rider
- ✓ Available on most Tomcat models
- ✓ Universal Hitch allows the bike to ride normally
- ✓ The trailer detaches from the bike in seconds.
- ✓ Trailer setup, retains all normal rider settings
- ✓ Can be retro-fitted to most Tomcat Trikes.
- ✓ Fully accessorisable
- ✓ Universal Hitch

Popular Options



Tomcat Connect

Refer to pages 40-42 for full Technical Specifications, Options and Accessories



Bionic Buddy™, Electric Motor Power for Children and Teenagers Trikes

Bionic Buddy is an innovative 3mph (a brisk walking speed) electric motor drive for most trikes in our children and young teenagers range. It is particularly suitable for supervised trike's (with Carer Control™) and is fully legal to use on public paths and pavements.

It works without pedalling using a simple throttle control that can be optionally operated by the rider or carer. It is ideal for cycling in hilly regions or when a rider has low strength or stamina. Bionic Buddy can be instantly engaged for electric drive, or disengaged for normal use.

For easy transportation, it can be fitted or removed in seconds.



Features and Benefits

- ✓ Effortless hill climbing
- ✓ Rider or Carer, operated
- ✓ 0 - 5 kph, throttle controlled
- ✓ 252 Wh battery
- ✓ Only 5kg total weight
- ✓ Can be disengaged for normal cycling
- ✓ Easily removed for transportation
- ✓ Retro-fits to most existing Tomcat Trikes

Refer to pages 40-42 for full Technical Specifications, Options and Accessories

Technical specifications and options

Legend	
Tomcat Invention or Innovation	
Optional Feature	O
Standard Feature	S
Customisable when necessary	✓
Quick Release and Re-assembly	QR

PRODUCT	General Build Specifications							Power Assist		Transportation						
	O/A length (built)	O/A width	O/A height (handlebars)	Assembled weight (kg)	Max user weight (kg)	Approx age range	Available as a Trailer/Trike™	Bespoke build or accessories	Bionic Buddy™ 5tph	Electric Pedal Assist 25tph	QR divisible frame	Folding Frame	Pistop™ QR Wheels	QR Removable Seating	QR mudguards	Connect™ (Auto make & break control cables)
Tomcat Innovation																
Tiger	95-98	66	68	14	20	1-4Y		✓								
Fizz	131/174	76	80/113	14-20	100	3-16Y	O	✓	O		QR		O			
Roadhog	131/174	76	80/113	13.5/19	100	3-16y	O	✓	O		QR		O			O
Handy	131/174	76	80-113	17	100	3-16Y	O	✓	O		QR		O			
Dragonfly	156	76	84	25	100	7-14Y			O			O				
Thunderfly	165	74	89	33	100	7-14Y						O				
Apprentice Arrow	165	74	89	19	100	7-14Y	O	✓	O		QR		O	O	O	
Silver Arrow	165	74	89	21.5	100	7-14Y	O	✓	O		QR		O	O	O	O
Rotor Arrow	165	74	95	27	100	7-14Y	O	✓	O		QR		O	O	O	O
Dragon	195	74	105	31	120	12-Adult						O				
Thunderbolt	190	74	105	35	120	12-Adult						O				
Apprentice Bullet	180	74	94	21	120	12-Adult	O	✓	O		QR		O	O	O	
Silver Bullet	180	74	94	25	120	12-Adult	O	✓	O		QR		O	O	O	O
Rotor Bullet	190	74	105	25	120	12-Adult	O	✓	O		QR		O	O	O	O
Electric Flame	180	74	94	30	120	Adult		✓		S		QR		O	O	O
Electric Flare	190	74	105	30	120	Adult		✓		S		QR		O	O	O

PRODUCT	Drive, Braking and Steering									Supervision			Access & Adjustment			
Tomcat Innovation																
Tiger	S		S							O	O	S				
Fizz	S				S	O	O	O		O	O	S	O			
Roadhog	S			S				O		O	O	S	O			
Handy		S						O		O	O	S	O			
Dragonfly	S		S		S	S		O				S		S		
Thunderfly		S	S	S	S							S		S		
Apprentice Arrow	S				S	S	O	O	O	O	O	S	O	O	O	O
Silver Arrow	S		S	S	S		O		S	O		S	O	O	O	O
Rotor Arrow		S	S	S	S		O		O			S	O	O	O	O
Dragon	S		S		S	S		O				S		S		
Thunderbolt		S	S	S	S							S		S		
Apprentice Bullet	S				S	S	O	O	O	O	O	S	O	O	O	O
Silver Bullet	S		S	S	S		O		S	O		S	O	O	O	O
Rotor Bullet		S	S	S	S		O		O			S	O	O	O	O
Electric Flame	S		S	S	S		O		S	O		S	O	O	O	O
Electric Flare		S	S	S	S		O		O			S	O	O	O	O

Smart Brake. The worlds most advanced braking solutions!



When conventional braking is not an option, we are proud to offer Smart Brake®, the worlds most advanced wireless braking system, developed in Norway by Smart Brake AS.

For independent riders, Tomcat trikes fitted with electronic Smart Brake®, can be braked with a feather-light touch of the brake lever – or if you prefer – trigger-operated by just one finger or thumb. Whatever your choice, only minimal strength and dexterity is needed to deliver reassuringly safe braking.

For supervised riders, Smart Brake gives a carer the technology to remotely brake the trike and rider in your care – by simply pressing a button on the remote fob. The signal has a range of 15 meters before the brake automatically applies itself to ensure complete safety at all times. Smart Brake can also be used as a "park brake" to add safety and enhance security in all applications.

As sole distributors for the UK, we will be pleased to support all industries in the use and application of Smart Brake.

Tomcat Innovation

We have many models to choose from, each with their own special solutions, but all are innovative in their technology, superbly engineered, and turn heads for all the right reasons.

Putting our customers first and being innovative is what makes Tomcat different, and the reason why we have twice won the Queens Awards for Enterprise in Innovation.

A few of over forty landmark inventions and innovations that have changed lives and an industry too.

Through continuous design and customisation over the last 25 years, Tomcat has pioneered over forty innovations to make cycling more accessible, or to give excluded groups and individuals the opportunity to cycle for the very first time. In recognition of our work and expertise, we have twice won the Queens Awards for innovation.

A few of the key, life changing innovations are briefly described here, but more information can be viewed online by following the video links.

We are constantly trying to make cycling available to everyone, so whether you are an organisation or an individual, if you have a problem that needs a solution, we would love to hear from you.



Customisation

Tomcats most important innovation has always been Custom Building. When needed, it is the best and only way to ensure our customers always get a product which is right for them - often with remarkable and unexpected results.



Smart Brake™

Smart Brake® is a WiFi electronic brake operated by a light touch brake lever, or trigger - ideal for riders with limited finger strength or dexterity. A carer can operate the brake at up to 15 mtrs.



Two Piece Frame™

Tomcat's Two-Piece Frame™ allows our trikes to split and re-assemble in five seconds or less for transport in a car boot yet stay totally rigid in use. It is an essential feature of Trailer Trikes.



Dual Axle™

Dual Axle enables the drive to switch between fixed and freewheel. Ideal for users who tire easily, it is also an essential feature of Trailer Trikes which must always be used in freewheel.



Carer Control™

Carer Control™ allows a carer to steer, brake and control speed from behind the trike. It incorporates a park brake, a detachable control arm, Carer Braking™ and a power multiplier feature to ensure the carer is always in control of wilful riders.



Carer Braking™

With Carer Braking™, the rider has full freedom to steer themselves, but the carer can attach a strap to the trike which when pulled, applies the brake. In this way the rider can enjoy their independence, but the carer always has ultimate control.



Self Centring Steering™

Recumbent or low sitting trikes can have a mind of their own but Tomcats Self Centring Steering™ ensures our trikes are sure footed and responsive at all driving speeds or conditions.



Telescopic Cranks

The telescopic crank feature quickly adjusts the leg length of multi-user trikes whilst the rider stays seated. A rotary knob adjusts distance whilst a cam-lock lever locks position.



Swivel Saddle™ & Swivel Seat™

Tomcat's swivel seating solutions make it easy and safe for a rider to get on or off a trike by sitting first, then passing a leg over the frame. The swivel locks right, left and centre.



Pitstop™, Quick Release Rear Wheels

Tomcat's Pitstop Driving Wheels transfer all the pedal or motor power to the road, yet they can be removed in seconds at the touch of a button - Formula 1 style!



Go Back™

Go Back is a reverse drive system for Tomcat Trikes fitted with Shimano Hubs. Being non-electrical it is positive and predictable, making reversing, safe, precise and instant.



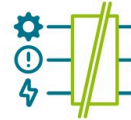
Trailer Trike™

A Tomcat Trailer Trike is a trike that converts to a trailer in just 30 seconds by removing part of the trike and replacing it with a trailer bar which then connects to the towing bicycle. This enables a family to enjoy cycling together. Trailer Trikes can be easily transported in a family car.



Bionic Buddy™

Bionic Buddy is a 0 to 3 mph e-drive for children's trikes. It can be controlled by the rider or a carer and does not require pedal action to work. Ideal compensation for weakness or hills, it can be engaged and disengaged, or added and removed in seconds.



Connect™ - Tomcat "Control, Interface Technology"

Tomcat Connect™ automatically breaks and reconnects handlebar mounted gears, motor control and brake cables when the trike is split or rebuilt for transport or storage.

Features and options



Full Carer Control
Rear Steering, braking, speed control and park brake



Carer Braking
A carer operated strap brake with park brake.



Two Pc Frame
5 second frame separation for easy transport



Trailer Bar
Converts most trikes to a trailer Trike™



Swivel Seat
Various designs to suit your trike



Leg Length Quick Adjust
Telescopic adjustment whilst Seated



Quick Adjust Sliding Seat
Adjusts for "Reach" whilst seated.



Tilting Backrest
For perfect comfort and posture



Dual Axle
Select "Fixed" or "Free-wheel" Drive



Easy Operate Park Brake
For impaired grip, dexterity or strength



Rear Disc Brake
Powerfull and safe Rear Wheel Braking



Self Centering Steering
For positive and predictable steering



Shimano 8 Speed Hub



Quick Release Seat
For Easy Transport



Removable Mudguards
For Easy Transport



Low Sitting Trikes Two Piece Frame
For Easy Transport



Pitstop Removable Wheels
For Easy Transport



Connect (Brake, Gear and Electrical QR Interface)
For Easy Transport



Dragon/Dragonfly Folding Frame
For Improved Transport

Accessories



Footshoes
Lightweight and fully adjustable with "quick release" straps



Leg Supports
Fully Adjustable



Security Backrest
Width and height adjustable with security buckle and strap



Fully Upholstered Backrest
Deep cushioned support with height and tilt adjustment



Lateral Arms
Width adjustable padded arms and waist



Lateral Pads
Independently 3 way adjustable cushioned pads with waist strap



4 pt Harness
Wipe Clean 4 point harness



Sculptured Headrest
Fully adjustable sculptured and deep upholstered headrest



Headrest with Wings
As sculptured headrest with adjustable upholstered wings



Extra Large Saddle
30cm x 30cm sprung gel saddle



High Stability Upholstered Seat
Hand Propelled trikes only



Quick Release Pommel
Depth adjustable, quick release pommels



2 point lapstraps
High security lap-strap



Mitts
Left and Right Hand Mitts (3 sizes)



Transfer Step
Enables "manual handling" free trike transfers



Basket and Removable Carrier



Fixed Handlebar Clamp
For Carer Controlled trikes for over wilful children



Quick Release Leg Gutters
Fully Adjustable with Swivel Feature



Self Levelling Pedals



Loop Handlebars
For various Grip and Reach solutions



Tom Riley Straight Handlebars
For various Grip and Reach solutions



Safety Flag
For maximum Visibility



Recoil Safety Belt
For Low Sitting Trikes



Spoke Guards



Rain Cover



Bionic Buddy
Electric Assistance for challenging Terrain



Mirrors

We are a Premium Van Raam UK Distributor and are proud to offer Van Raam's innovative Bikes, Trikes and Companion Cycles as an important part of our extensive portfolio.



Van Raam cycles complement our own range of innovative Tomcat trikes by offering an excellent selection of cycling options, including innovative independent trikes and bikes, 2 wheel and three wheel tandems, wheelchair transporters, trishaws and companion cycles.

We hold the UK's largest selection of products from this renowned Dutch manufacturer, all ready to try at our Gloucestershire and Shropshire showrooms - or we can demonstrate the products at a location of your choosing.

As a Tomcat customer and for your piece of mind, we provide our free annual health check for the first three years of your Van Raam ownership. Should a problem arise at any time, you also have access to our service expertise, workshop facilities and advice, to speedily service or repair your bike, nationwide.





Tomcat Chair

FOR INDEPENDENT SITTING IN SCHOOL, HOME OR WORKPLACE

The Tomcat Chair is designed to enable users who have difficulty accessing normal height desks, tables and workstations, to sit independently without assistance. It is particularly suited to users with strength, stature, or balance related difficulties.

Once positioned, the Tomcat Chair does not need to move again. Instead it is locked in position with a single brake lever action. The user accesses the seat from the side, using the step if necessary, then simply swivels to the working position, placing their feet on the footrest for support. Getting off is a reversal of this procedure with no assistance necessary.

The Tomcat Chair can be easily moved on castors from one location to another.



Features

- ✓ No user assistance necessary
- ✓ Two chair sizes for table heights of 63 - 73cm and 73 - 91cm
- ✓ User height range of 65 -180cm and up to 100kg
- ✓ 5 castor base for transit with single lever locking
- ✓ Fully adjustable and adaptable for growth
- ✓ Fully adjustable footrest folds away for storage or transit
- ✓ Fully upholstered for all day comfort and support
- ✓ Height adjustable step, retracts for storage or transit
- ✓ Gas-lift seat height adjustment.
- ✓ Backrest adjusts to suit all users
- ✓ Winner of the Business Link SMART Award 2005

Optional Extras

- ✓ Lateral Rainbow or Horizontal Arms, standard or extra wide.
- ✓ Access Step and/or Footrest
- ✓ Spillage impervious covers to special order



I feel really happy when I use my Tomcat chair. It's really easy to get on and off. I can sit in it for a really long time and it's comfy, and I love it!

Noah Mailey aged 6



Tomcat Twister Shoes

Tomcat Twisters are beautiful, handmade Italian shoes in a wide range of fashionable styles, colours and sizes that have a very innovative feature. At the click of a knob, the spoiler (shoe back) opens to allow the foot to slip in effortlessly before another click and twist gathers the shoe to a perfect fit.

Because Twisters adjust across a wide range of widths they are ideal for splint and AFO wearers who may want to use the splints individually.

Most Twister Shoes are available with a perforated leather lining for summer use (breathable) or unperforated for winter.

Tomcat Twisters are available online at tomcatuk.org in childrens size range 20 - 47 (EU), Ladies sizes 35 - 41 (EU) and mens sizes 39 - 46 (EU)

Features and Benefits

- ✓ Twisters automatically adjust to create a perfect fit - with or without splints
- ✓ Lace wire guaranteed for the life of the shoe
- ✓ Re-shaped midsole on most models
- ✓ Plain removable insole
- ✓ Sheepskin lining on some models
- ✓ Full ordering details online

Refer to the website (www.tomcatuk.org) for more information and to order online.



Dear Tomcat, the Twister shoes have arrived, mum said they have eliminated all the stress from trying to put shoes on top of the splints, they were a fraction big but hopefully she will grow into them when the splints changeover. Brilliant shoes, great service thanks again."

Moyra



Tomcat Trike Tidy

Provides an excellent space saving solution for storing your trike in the garage or home. It is very easy to install on a solid wall with the screws and fixings supplied.

Please see "Safety and Storage" section of the Accessories Page for trikes that are suitable for use with the Trike Tidy.



I am interested in a Tomcat Trike – what happens next?

The normal process

When you contact Tomcat we will discuss your general requirements with you, giving you advice and information on any aspects of the process you are not sure of. We will then pass you to your nearest assessor who will make arrangements to visit you at a place of your choosing to carry out a no obligation assessment. Alternatively you can arrange to have your assessment at our showroom.

Your assessor will usually spend an hour with you to demonstrate the product and its options and discuss any special requirements you may have.

Our technical team review and approve the specification, including any special requirements before the sales team sends you a quote together with an estimate of build time, funding possibilities, etc.

When we receive your order we will ask you for a small deposit. We then build the trike to your specification, inspecting and testing it to ensure the trike is exactly as it should be.

We will notify you when the trike is ready and make arrangements for home delivery or collection as you prefer. When the balance is paid we will deliver and set up the trike to your exact requirements, demonstrating all its various features to you.

Finally we are always on hand to support you throughout the life of your product, with spares, repairs, technical advice, adjustment advice, and clinical reviews when necessary.



Build process



Step One

Technical Review.

The Assessor and technical team review and approve the general specification and any special customer requirements.



Step Two

Design, Parts Production, and Planning.

The technical team prepare all workshop instruction or special designs and order all parts from manufacturing or special suppliers.



Step Three

Welding and Fabrication.

The customer specific tricycle frame and sub-assemblies are welded together in the welding shop.



Step Four

Structural Inspection and Testing.

The welded components are checked, inspected and approved by Quality Assurance.



Step Five

Finishing.

The frames and other painted components are finished in the chosen colour.



Step Six

Assembly.

The tricycle is assembled in the fitting shop to the customers specification and receives a unique passport number to record how it was built and who built it.



Step Seven

Final Inspection.

A Quality Assurance test engineer checks the build quality and road tests the tricycle before issuing a final inspection certificate.



Step Eight

Packing and Shipping.

Dispatch department individually pack and dispatch the tricycle for safe transport to any part of the world when not hand delivered and setup by Tomcat.

About Tomcat

At Tomcat we do things differently. Because we all have different lifestyles, aspirations, health concerns and skills, what we want from a trike will differ too.

So to be sure we get things right for our customers, we build what's right for them - whether that's a uniquely customised trike, a high performance electric trike or a generic trike for multi-user environments.



The Tomcat Story

Tomcat began when Bob Griffin discovered no-one wanted to make trikes for children with severe learning difficulties like his son Tom. Tom didn't sleep well, so when Tom's mum remarked, "If only we could tire him out, he'd sleep and so would we", Bob designed a trike that Tom could cycle but his mum could steer and brake from behind. It was a perfect solution and so began many long walks about the Cotswold countryside and the birth of a company that changed an industry. He called his trike a Tomcat®, and his invention, Carer Control™.

Carer Control™ changed disability cycling forever, but Bob realised that to guarantee success with such diverse and complex customers, Tomcat's best choice would be to custom build each trike for each rider, innovating ever more complex solutions along the way.

He wanted to change just one life but by accident, changed tens of thousands.



Tomcat Today

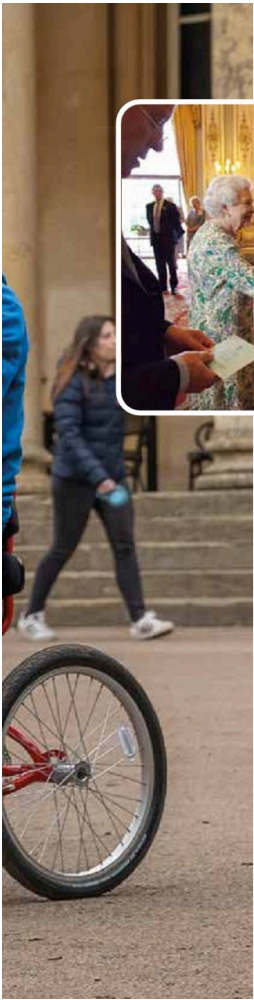


Tomcat has since built a portfolio of over 40 inventions and innovations covering all ages and applications, many of which – like Carer Control™ – have become industry standards worldwide. You may have seen something similar elsewhere, but no one understands the problems or takes as much care over the solution as the innovator. So if you want the best for yourself, your organisation, or your child, it really has to be a Tomcat.

From small beginnings Tomcat has grown into one of the biggest and most respected names in disability and leisure cycling, providing generic and customised manual and electric trikes throughout the UK, Ireland, Europe, the USA and Canada.

Increasingly, we are lending our design skills to collaborating with cycling charities and other organisations, both at home and abroad, turning their ideas into a reality for individuals, cycle stadiums, health services and inner city eco cycle ranks. The Dragon, Dragonfly, Thunderbolt and Thunderfly are gold standard examples of professional partnerships working together for the community.





Memorable Moments

Industry Awards

- Naidex Product of the Year Award, 2005 for Tomcat Chair. (Runner up)
- Naidex Scotland 2011, Best Product in Show for Tomcat Fizz Tricycle

Media Awards:

- Winner of the Gloucestershire Citizen and Echo Award, 2007
- Runner Up, Gloucestershire Citizen and Echo Award, 2011
- Winner of the Gloucestershire Citizen and Echo Award, 2014

Royal Awards / Visits

- The Queens Award for Enterprise in Innovation 2013
- HRH The Duke of Kent Tomcat visit on 6th March 2014
- The Queens Award for Enterprise in Innovation 2020

Government Grants / Awards

- Tomcat has been awarded three major grants for the development of its innovations
- Business Link SMART Award 2004 for the Tomcat Chair
- I4G Investment for Growth Award in 2014 for the development of easy transportation technology.
- I4G Investment for growth Award 2016 for the development of low sitting tricycles.



tomcatuk.org • 01452 616 900

