





Product Overview:

- Classic RGK values and message
- Variant of the Tiga, made to measure
- Lightest made to measure chair on the market
- Ultra lightweight Aluminium 7020 frame
- Transport weight (without rear wheels and cushion) incl. sideguards and brakes less than 4kg
- Weight is guaranteed and certified
- Limitations:
 - Only with fixed welded COG and backrest
 - Only brushed or polished frame finish
 - Max. SW 440mm, max SD 440mm, max frame-length 625mm, max. backrest height 400mm
 - Max user weight: 110kg

- Very active users, very experienced with a wheelchair
- Looking for an „enabling change“ (e.g. independent car transfer)
- Looking for marginal weight saving to maximise efficiency, opportunity and performance
- Looking for today's latest & greatest products

USP

Less than 4kg frame guaranteed and certified individually

Made to measure

Service and expertise

Open frame with fewest moving parts

Stiff frame for efficient drive, robust for longevity

Polished/brushed frame finish options

Re-engineered component set – marginal gain technology

Lightest and best functioning upholstery set

Ergonomic seating options

WEIGHT SUMMARY

Total weight = 3.6 - 4kg excluding cushion and rear wheels. From 6.2kg total.

Overall Weight reduction compared to TIGA = 1.2kg

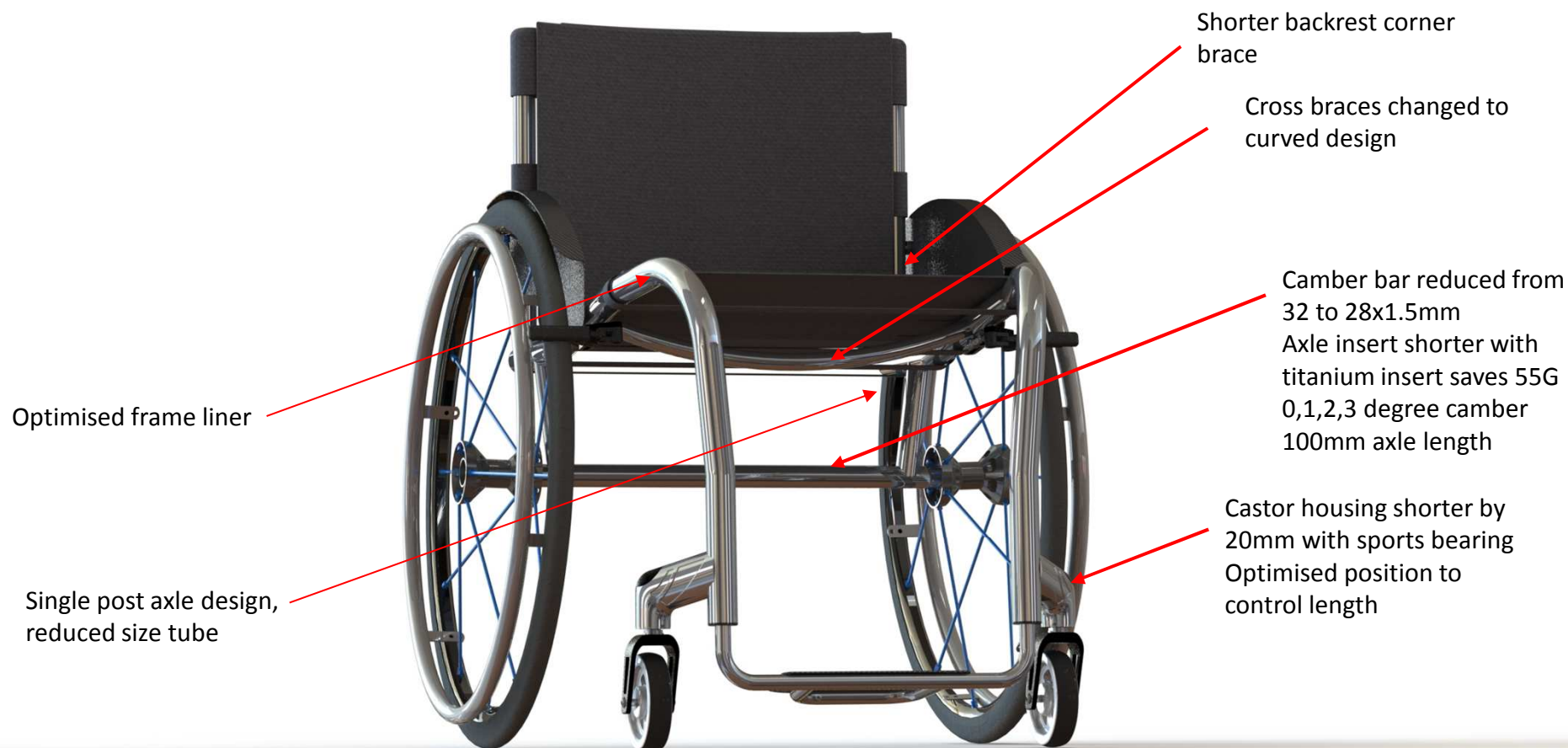
Breakdown:

Frame weight reduction compared to TIGA = 0.30kg (19 design changes)

Upholstery weight reduction compared to TIGA = 0.45kg (16 design changes)

Components weight reduction compared to TIGA = 0.45kg (37 design changes)





COMPONENT CHANGES

Mesh seat upholstery,
strap adjustable with
25mm straps and
titanium buckles

Shorter backrest wings
Lightweight webbing
straps

10mm foam in front of
centre pad

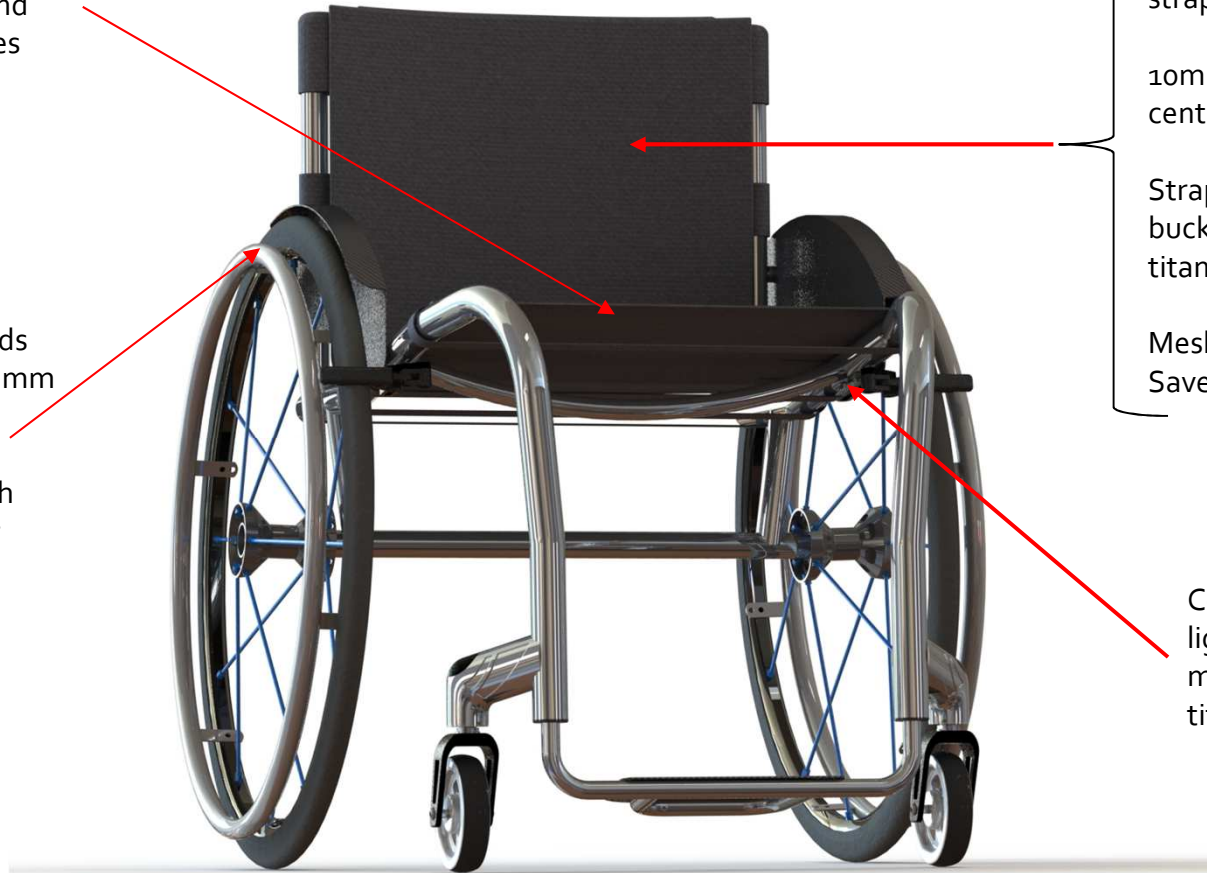
Strap adjustable (no
buckle on top strap) with
titanium buckles

Mesh panel at rear
Saves 300G

Carbon fibre sideguards
changed from 2.5 to 2mm
saves 296G

Titanium fastener with
wide head and rubber
isolator

Compact brake with
lightweight Aluminium
mounting plates with
titanium fasteners



CASTOR ASSY CHANGES

Stem bolt – shorter and
with integrated
aluminium washer

Sports bearing housing
with shorter castor arm

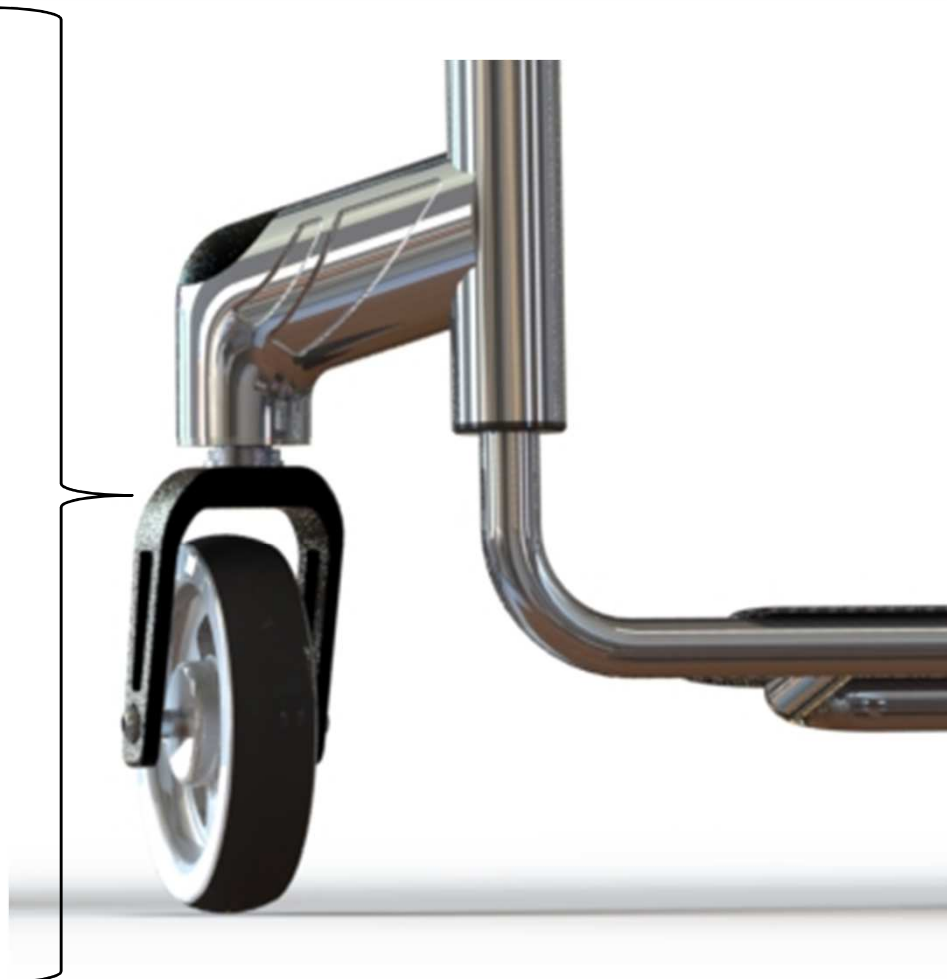
Reduced size Titanium
stem nut

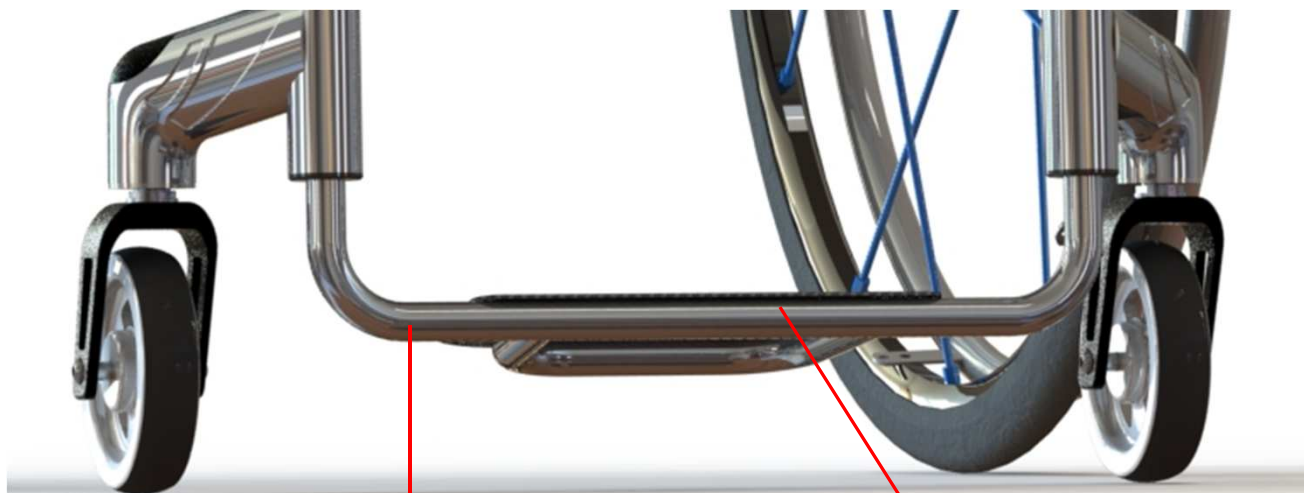
Plastic bearing with glass
balls (top only)

New 4x1.25 castor wheel,
thinner tyre

Castor axles aluminium
7075 from steel, with
longer Ti screws for
strength

Plastic castor spacer, no
bearing shields





Aluminium footrest 1.6mm wall with Optimised carbon plate with rivet fixing

Nylon insert with titanium nut and screw to locate.



CERTIFIED WEIGHT CRITERIA

- Excluding rear wheels, axle pins and cushion
- As original specification at time of ordering
- Within measurement ranges for all areas/features



- Lightweight aluminium centre castor wheels (4", Froglegs, anodized)
- Lightweight carbon fibre sideguards (flat or fender)
- Compact scissor brakes on lightweight plate mounting
- Spinergy Blade spoke wheels
- Titanium axle pins
- Fixed COG
- Polished frame finish

CASTOR WHEELS, FORKS & WHEEL LOCKS	
Castor Wheels <input checked="" type="checkbox"/> XC135 Castor wheel 4x1.25" aluminium centre with urethane tyre frog legs Choose colour below: FROG LEG	
<input type="checkbox"/> Silver hub & black tyre SILVER / BLK <input type="checkbox"/> Black hub & black tyre BLK / BLK <input type="checkbox"/> Black hub & red tyre BLK / RED	<input type="checkbox"/> Black hub & blue tyre BLK / BLUE <input type="checkbox"/> Red hub & black tyre RED / BLK <input type="checkbox"/> Blue hub & black tyre BLUE / BLK
<input type="checkbox"/> Purple hub & black tyre PURPLE / BLK <input type="checkbox"/> Gold hub & black tyre GOLD / BLK <input type="checkbox"/> Green hub & black tyre GREEN / BLK	<input type="checkbox"/> Silver hub & blue tyre SILVER / BLUE <input type="checkbox"/> Silver hub & red tyre SILVER / RED
Castor Forks <input checked="" type="checkbox"/> XC190 Castor fork low ride daily LOW RIDE <input type="checkbox"/> Black BLK <input type="checkbox"/> Silver SILVER	
Castor Pin Width <input checked="" type="checkbox"/> XY330 Castor pin width Optimise measurements <i>(Minimum width for clear castor rotation and maximum wheelbase length)</i>	
Wheel Lock Options <input checked="" type="checkbox"/> SBAXLU36 Wheel locks compact sissor with lightweight fixing COMPACT L/W FIX	
SIDEGUARDS	
Sideguard Carbon Fibre Options <input type="checkbox"/> XE055 Sideguards screw on lightweight carbon fibre SCREW ON CARBON	Sideguard with Fender Carbon Fibre Options <input type="checkbox"/> XE065 Sideguards screw on lightweight carbon fibre with fender SCREW ON CARBON FENDER
Sideguard Measurements Optimised measurements <input type="checkbox"/> Sideguard individual above tyre <i>(Follow tyre) max</i> HT ABOVE <input type="text"/> mm <input type="checkbox"/> Sideguard level with tyre <i>(Follow tyre) LEVEL</i>	Sideguard Measurements Optimised measurements Fender sideguard height above tyre <i>(Min = 10mm)</i> HT ABOVE <input type="text"/> mm <input type="checkbox"/> Optimise 10mm above tyre <i>(Std if not indicated)</i> <input checked="" type="checkbox"/> Fender sideguard to centre of tyre CENTRE

- "Ready to go specification"
- Not many choices on options on the order form- only options that guarantee a Sub4 kg transport weight
- If you follow the order form, you will achieve a Sub4 transport weight
- Frame options (inset, ergo-seat, ergo-back...) are available as they are on the Tiga
- Wheels: only one wheel (Spinergy BLXL "Blade") but full choice of tyres/ handrims. Wheels are not part of the transport weight!!
- Further options (5" casters, push-handles, anti-tips) available, but not Sub4 certified (details on next slide).

NON CERTIFIED OPTIONS

OTHER (non certified weight options)**

Footrest

☐ XB200 Footrest with high level riser system
£76,00 **HIGH LEVEL RISER**

Please indicate front footrest height: mm

Castor wheels 3 and 5"

☐ XC150 Castor wheel 3x1.4" aluminium centre frog legs (Silver hub and black urethane tyre)
£68,75 **FROGLLEG**

☐ XC070 Castor wheel 5x1.3" soft roll black
SOFTROLL

☐ XC100 Castor wheel 5" pneumatic aluminium
£77,00 **PNEUMATIC**

☐ XC120 Castor wheel 5x1" aluminium centre frog legs (Silver hub & black urethane tyre)
£68,75 **FROGLLEG**

☐ XC140 Castor wheel 5x1.4" aluminium centre frog legs (Silver hub & black urethane tyre)
£68,75 **FROGLLEG**

Wheel Lock Options

☐ XD020 Wheel locks underseat scissor
SCISSOR

☐ XD050 Wheel locks push to lock
PUSHTOLOCK

Sideguards

☐ XE030 Sideguards screw on aluminium, indicate size on page 4
£35,50 **SCREW ON ALUMINIUM**

Push handle Options

☐ XG070 Backrest with screw in push handles (N/A with XY045)
£84,25 **SCREW IN**

☐ XG080 Backrest with flip down push handles
FLIP DOWN

Anti-Tip Options

☐ XJ100 Anti tip single sport
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Seat Upholstery

☐ XP040 Upholstery seat sling adjustable tension with straps (Std if not indicated)
STRAP ADJ

☐ XP050 Accessory carbon fibre seat plate in lieu of seat upholstery
CARBON PLATE

Backrest Upholstery

☐ XP050 Upholstery backrest Airtech adjustable tension with straps (Std if not indicated)
SABU AIRTECH

Backrest Upholstery Leather Options (only with XP050)

☐ XP070 Upholstery upgrade to leather corners on side wings - (N/A with XG080)
£45,00 **LEATHER CORNERS**

☐ Leather colour black (Standard if not indicated)
BLACK

☐ Leather colour red
RED

☐ Leather colour grey
GREY

Backrest Upholstery Stitching Options (only with XP050)

☐ Silver (Standard if not indicated)
SILVER (STD)

☐ Red
RED

☐ Black
BLACK

☐ Light blue
LIGHT BLUE

☐ Blue
BLUE

☐ Purple
PURPLE

Backrest Upholstery Logo Options (only with XP050)

☐ Silver (Standard if not indicated)
SILVER (STD)

☐ Red
RED

☐ Black
BLACK

☐ Light blue
LIGHT BLUE

☐ Blue
BLUE

☐ Purple
PURPLE

Backrest Accessories (only with XP050)

☐ XP110 Upholstery backrest with zip fasten pocket
£48,25 **ZIP POCKET**

☐ XP170 Upholstery with individual embroidery (Please provide .jpg file and positioning)
£74,00 **EMBROIDERY**

**** indicates options that, when chosen, will not enable RGK to guarantee a Sub4kg product weight**

- 5" front castor wheels
- Scissor brake clamp mounted
- Sideguards screw on aluminium
- Backrest adjustable height
- Backrest with screw in push handles
- Backrest with flip down push handles
- Anti-tip clamp on to camber bar (rotating sport style)
- Powder coated frame finish
- Upholstery – seat and backrest – standard Airtech design
- Upholstery backrest with zip fasten pocket
- Leather corners to backrest
- Accessory welded calf strap mounting loops
- Front wheel mounting brackets
- Accessory frame protectors
- Accessory seat pouch Velcro attach
- Special designs

Any non certified option selected will mean the frame will not be guaranteed under 4kg.