


*OUR RELENTLESS QUEST
FOR THE PERFECT RIDE*

ARGON 18 

For us a perfect ride begins with a layup that integrates the optimal balance of weight, comfort and stiffness performance points. Then we add a few more criteria, like a club ride that pushes the pace and nails the climbs, maybe a rough section to reach that perfect view, a few technical twists and turns on a long descent, and a full day to max out the miles.

We made the Krypton Pro for this: a no-compromises bike that's stable at speed, responsive under big watts, smooth after a full day in the saddle, and meant for cyclists who want to ride, ride, and ride. Informed by Astana Pro Team at Paris-Roubaix and ready to meet the demands of La Marmotte and L'Étape, the Krypton Pro may re-write the story of the perfect ride.



A photograph of two cyclists riding on a paved road. The cyclist in the foreground is wearing a dark blue jersey and a white helmet. The cyclist in the background is wearing a white jersey and a white helmet. They are both wearing sunglasses and riding road bikes. The background is a dense line of green trees.

1. LAYUP OPTIMISATION

2. INTEGRATION

3. AERODYNAMICS

870_G

PAINTED, MEDIUM, NO SMALL PARTS

LAYUP OPTIMISATION

LAYUP OPTIMISATION

1

STRUCTURE AND PLY DEFINITION

In structural analysis software (FEA), different ply shapes, composite materials and fibre orientations are used to accurately reproduce the characteristics of the frame under development.

2

SETTING LOAD CASE AND PERFORMANCE CRITERIA

We reproduce load cases related to performance (stiffness, comfort) and safety (fatigue, impact and static resistance tests).

3

OPTIMISATION

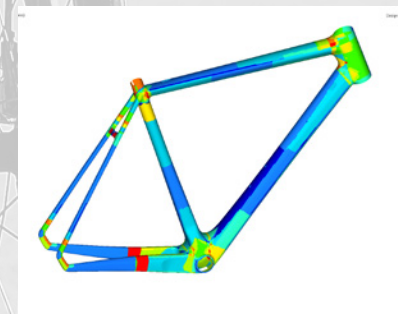
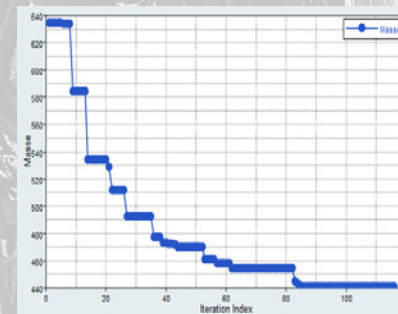
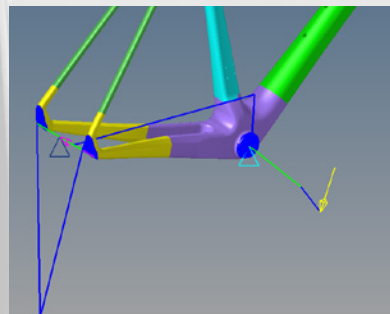
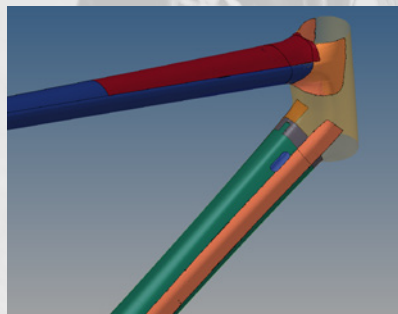
Multiple iterations are calculated to determine the best layup (ply shape, fibre orientation, fibre grade, quantity of each ply) to meet performance targets - while achieving weight targets.


4

VALIDATION

The optimized lay-up then undergoes further performance and safety testing for final validation before production.

THE RIGHT MATERIAL
IN THE RIGHT PLACE



A photograph of two cyclists riding on a paved road. The cyclist in the foreground is wearing a white jersey with black accents and a white helmet. The cyclist behind is wearing a dark blue jersey and a white helmet. They are both wearing sunglasses and riding road bikes. The background shows a green landscape with trees and a clear sky.

1. LAYUP OPTIMISATION

2. INTEGRATION

3. AERODYNAMICS

SMART INTEGRATION

ACCURATE, UNCOMPLICATED AND ADJUSTABLE

Fully integrated cable system with proprietary stem and steerer allows for accurate routing and fully hidden cables, but doesn't call for a trip to the shop every time an adjustment is needed.



ARGON 18



SMART INTEGRATION

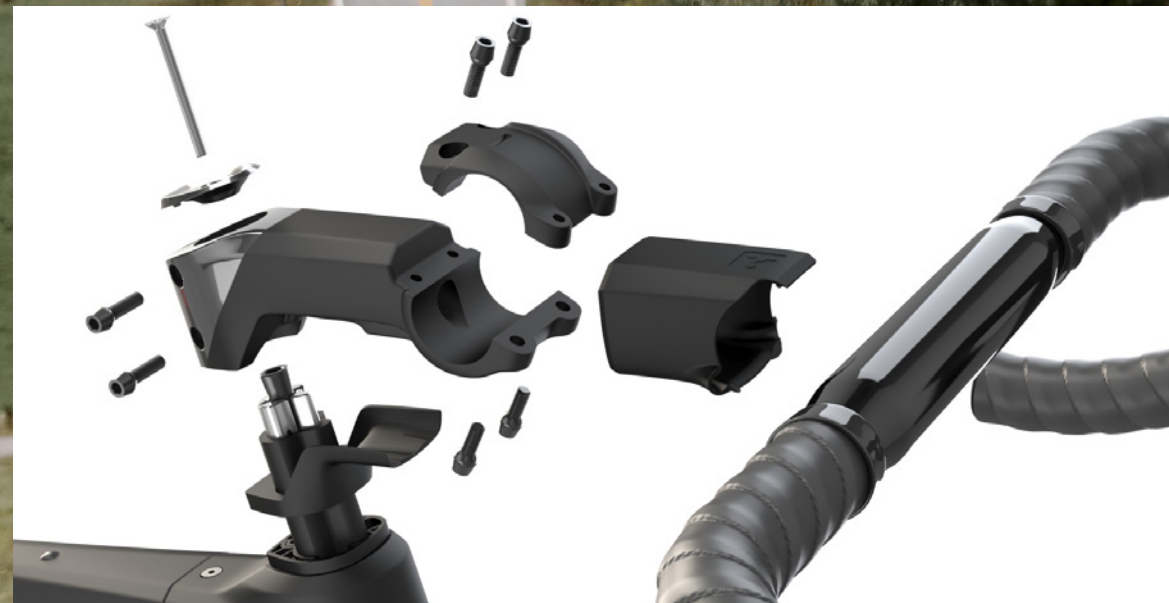
FULL CABLE INTEGRATION WITH NO FRAME MODIFICATION

Original steerer design (patent pending) for perfect routing. Allows a 2cm adjustment range of stack and reach without having to bleed the brakes, and accepts all standard handlebars.

STEM LENGTHS AVAILABLE:

70mm, 80mm, 90mm, 100mm, 110mm and 120mm.

Our 3D+ system extends the headtube with three positioning options, increasing rigidity by 5% at 15mm and 11% at 30mm, versus traditional spacers.



WITH 3D+ SYSTEM 15MM EXTENSION



WITH 3D+ SYSTEM 30MM EXTENSION AND SPACERS

ARGON 18



SMART INTEGRATION

TRAVEL-FRIENDLY INTEGRATION

Integrated cables can sometimes present a challenge when packing a bike for travel, but this is not the case with the Krypton Pro. The entire cockpit can be removed as one piece and attached to the frame within a box or bike bag, in the same way as a regular cockpit and cables.



SMART INTEGRATION

MODULAR CONSOLE

ELECTRONIC*

The Krypton Pro frameset has been optimized for electronic shifting (Di2, AXS, EPS, WE).

MECHANICAL*

The frame is also compatible with mechanical groupsets through our modular console.

* Whichever type of build is chosen, all small parts needed are supplied with the modular console.

Di2

WIRELESS

ARGON 18

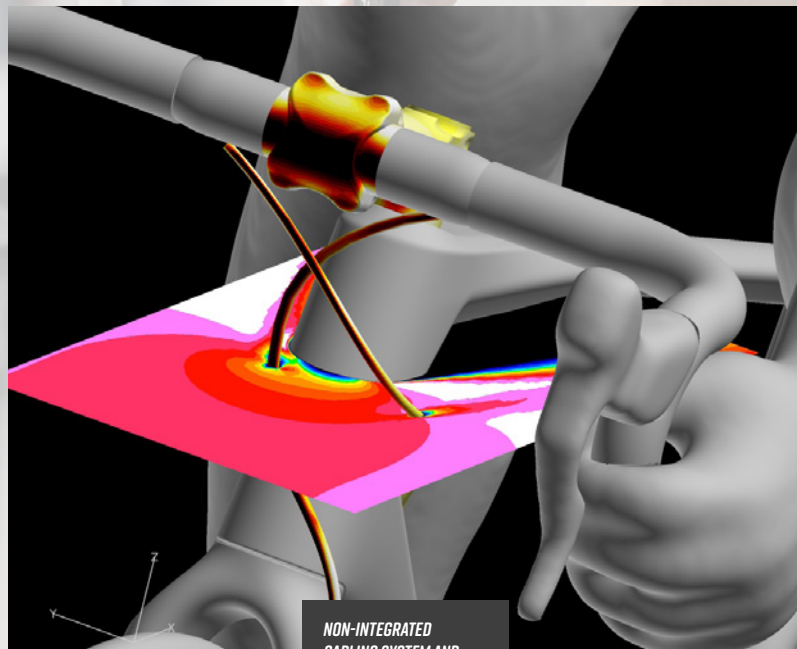


1. LAYUP OPTIMISATION 2. INTEGRATION 3. AERODYNAMICS

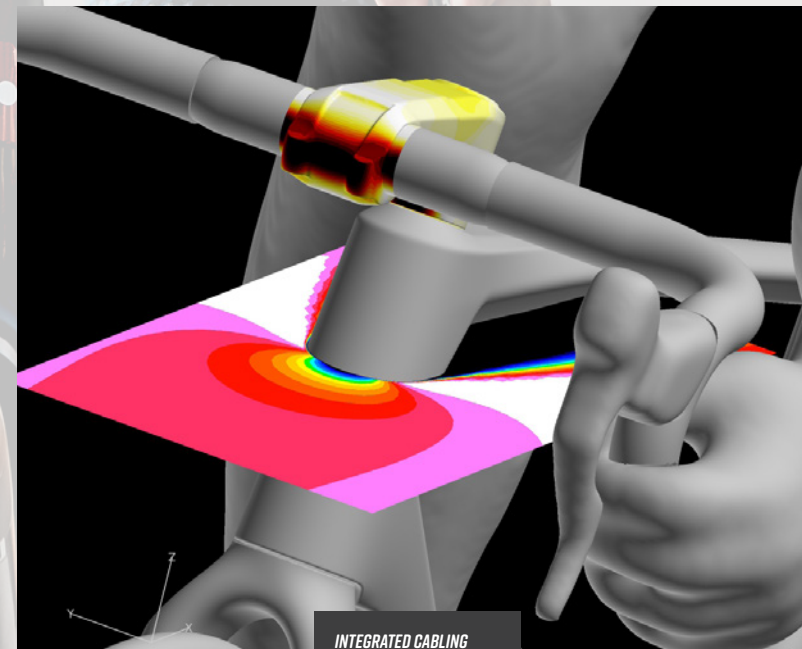
AERODYNAMICS

MAKE EVEN MORE MILES DISAPPEAR

We didn't add a single feature to the Krypton Pro which didn't perform optimally across all our priority performance indicators, including aero. Our hidden cables offer a 2.5w savings at 300W.



NON-INTEGRATED
CABLING SYSTEM AND
STEM



INTEGRATED CABLING
SYSTEM AND STEM

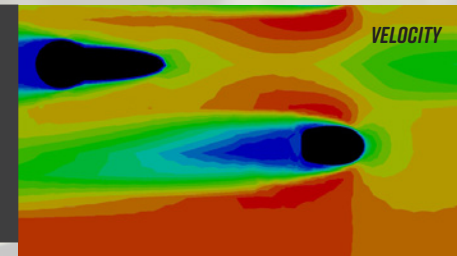
AERODYNAMICS

WE DESIGNED THE KRYPTON PRO TO BE COMFORTABLE WITHOUT SACRIFICING AERO PERFORMANCE.

On any true performance bike, aerodynamic performance helps the rider save time and energy over longer distances – especially important on an endurance bike, to get you to the top of the last climb with power left over. Our years of experience designing world-class race, triathlon, and track bikes were put to good use to optimize the Krypton Pro's aero attributes.

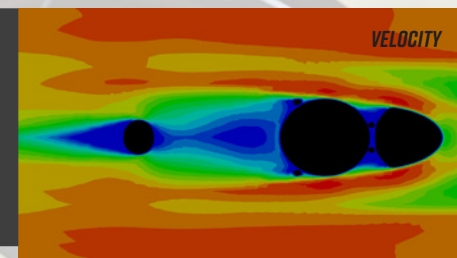
FORK

The fork uses a truncated airfoil design that optimizes airflow off the leading edge of the bike. This is balanced with our Topological Compliance System.



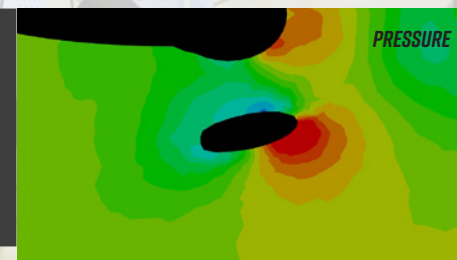
DOWNTUBE

The downtube shape also features a truncated airfoil, refined to maximize airflow between the downtube and the bottle, with adjustments that ensure aerodynamic efficiency across the entire length.



SEAT STAYS

For the new Krypton we used an Asymmetric Hybrid Airfoil seat stay design, or AHF profile shape. This generates a low-pressure system on the inside of the seat stay blade that smooths rough air caused by the wheel's motion.



THE PERFECT LOOK FOR THE PERFECT RIDE

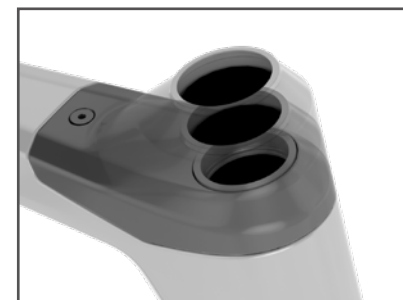
The shade chosen for the Krypton Pro is called frozen black, finished with gloss on matte cosmetics.



ARGON 18 ENDURANCE GEOMETRY & FORK



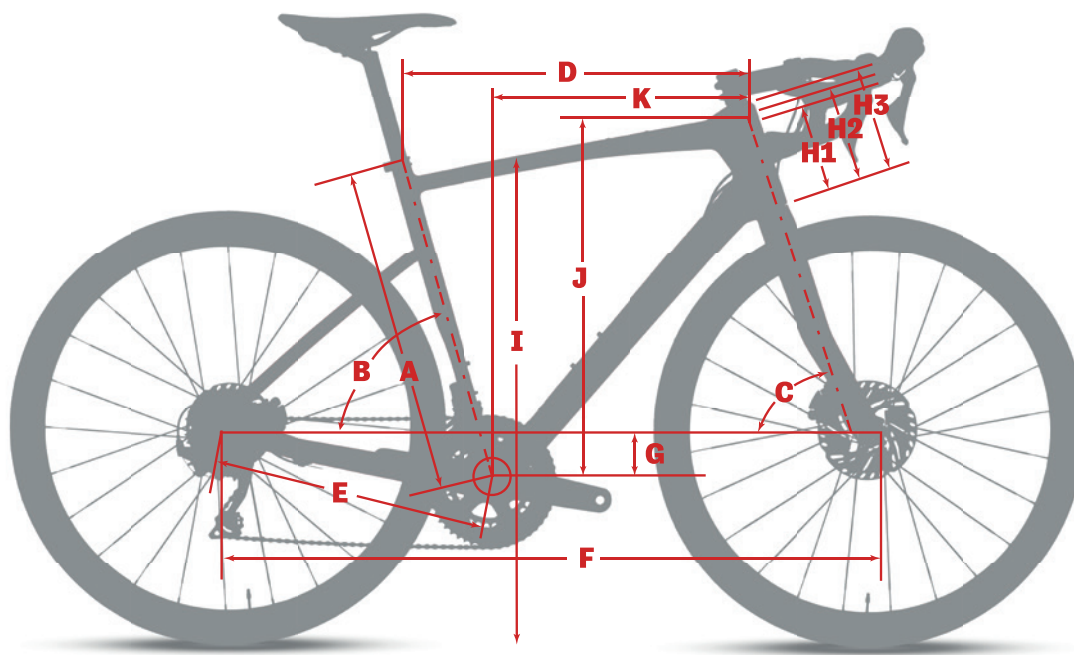
T.C.S. - TOPOLOGICAL COMPLIANCE SYSTEM



3D+ SYSTEM FOR SEAMLESS INTEGRATION

ARGON 18





GEOMETRY

SIZE CLASSIC			XXS 44-46	XS 47-50	S 51-53	M 54-56	L 57-59	XL 60-62
A	SEAT TUBE HEIGHT	CM	42.0	45.0	48.5	52.0	55.5	59.0
B	SEAT TUBE ANGLE	DEG	75.5	74.9	74.3	73.7	73.1	72.5
C	HEAD TUBE ANGLE	DEG	70.3	71.3	72.0	72.0	72.0	72.5
D	TOP TUBE LENGTH*	CM	49.6	51.6	53.7	55.8	58.0	60.4
E	CHAINSTAY LENGTH	CM	41.7	41.7	42.0	42.0	42.0	42.0
F	WHEELBASE	CM	98.1	98.9	99.7	101.3	103.0	104.3
G	BB DROP	CM	8.0	8.0	7.8	7.8	7.5	7.5
H1	HEADTUBE LENGTH	CM	9.1	10.8	12.7	14.9	17.4	19.6
H2	(+ 15MM 3D+)	CM	10.6	12.3	14.2	16.4	18.9	21.1
H3	(+ 30MM 3D+)	CM	12.1	13.8	15.7	17.9	20.4	22.6
I	STANDOVER HEIGHT†	CM	67.3	70.0	73.4	76.4	79.7	82.7

* HORIZONTAL TOP TUBE LENGTH

† MEASURED WITH 700X23C TIRES

FIT (STACK AND REACH)

J	STACK	CM	51.9	53.9	55.9	58.0	60.1	62.4
K	REACH	CM	35.9	36.9	37.9	38.8	39.7	40.7
J	(15MM 3D+)	CM	53.3	55.3	57.3	59.4	61.5	63.9
K	(15MM 3D+)	CM	35.3	36.4	37.4	38.3	39.2	40.2
J	(30MM 3D+)	CM	54.7	56.7	58.8	60.8	62.9	65.3
K	(30MM 3D+)	CM	34.8	35.9	37.0	37.9	38.8	39.8
	SADDLE HEIGHT MIN.†	CM	52.0	55.0	58.5	62.0	65.5	69.0
	SADDLE HEIGHT MAX.†	CM	74.0	77.0	80.5	84.0	87.5	91.0

† MEASURED FROM MIDDLE OF BB TO TOP OF SADDLE ALONG SEAT TUBE

NORTH AMERICAN BUILD OPTIONS

KIT 2 ULTEGRA Di2 | 302A - FROZEN BLACK

FRONT DERAILLEUR	Shimano Ultegra Di2 R8050 Braze-On
REAR DERAILLEUR	Shimano Ultegra Di2 R8050
SHIFTERS	Shimano Ultegra R8070
BRAKES	Shimano Ultegra R8070
ROTOR	Shimano RT800 FR: 160mm RR: 140mm
CABLE & HOUSING	Shimano
CRANKSET	Shimano Ultegra R8000 50/34

BB	Shimano BB Press Fit SM-BB72-41B
CHAIN	Shimano Ultegra HG700
CASSETTE	Shimano Ultegra R8000 11/28
HEADSET	FSA 30 + 3D 1" 1/2
STEM	Argon 18 IST Carbon
HANDLEBAR	FSA SL-K SCR Compact Carbon

BAR TAPE	Prologo Microtouch Black
SADDLE	Prologo Zero II CPC (Nack)
SEATPOST	Argon 18 TDS-Race C Light 27.2mm
TIRES	Challenge Paris Roubaix Race 700x27
THRU AXLE	A 18 (by DT Swiss) – OVER LOCK DIMENSION FR: 12mmx100 RR: 12mmx142
WHEELSET	HED Vanquish GP V4 tubeless



ARGON 18



KRYPTON 2020 LINE-UP



GF



CF



CS

**ENDURANCE
GEOMETRY**

**UP TO 32MM
(28MM WITH
FENDERS) TIRE
CLEARANCE**

**TOPOLOGICAL
COMPLIANCE
SYSTEM**

**AERODYNAMICALLY
OPTIMISED FRAME**

**MODULAR CABLE
ROUTING**

**FLAT MOUNT
BRAKES FOR 140 OR
160 MM ROTORS**

**INLAID
CHAINSUCK
PROTECTOR**

**DT SWISS TYPE
12MM THRU-AXLE**

**DIRECT MOUNT
REAR DERAILLEUR
GF & PRO**

3D+ SYSTEM

**ENDURANCE
SPECIFIC FORK
DESIGN**



ARGON 18

