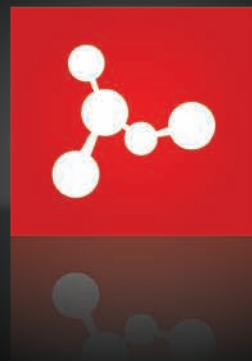




ARGON 18

2010 Collection





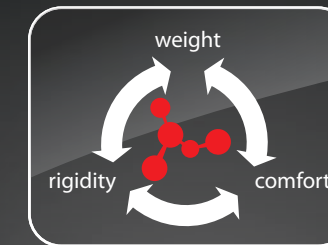
At first glance, an Argon 18 bicycle is a striking sight for its unique, distinctive look

But an Argon 18 is more than just another pretty bike; it's also an exceptional example of current technologies, well-conceived and appropriately applied. These technological solutions are the end product of lengthy and involved thinking about the dynamic properties most desirable in a bike.

We have names for our exclusive design concepts and manufacturing methods: AFS, HDS, S3, the 3D Headtube and ONEness Concept. You will come across these acronyms frequently in the following pages, but will find more detailed information about these features on our website, as we have chosen to substantially reduce the size of this catalogue, for environmental reasons.

Learning more about our technological innovations will give you a better understanding of why an Argon 18 offers a truly unique riding experience.

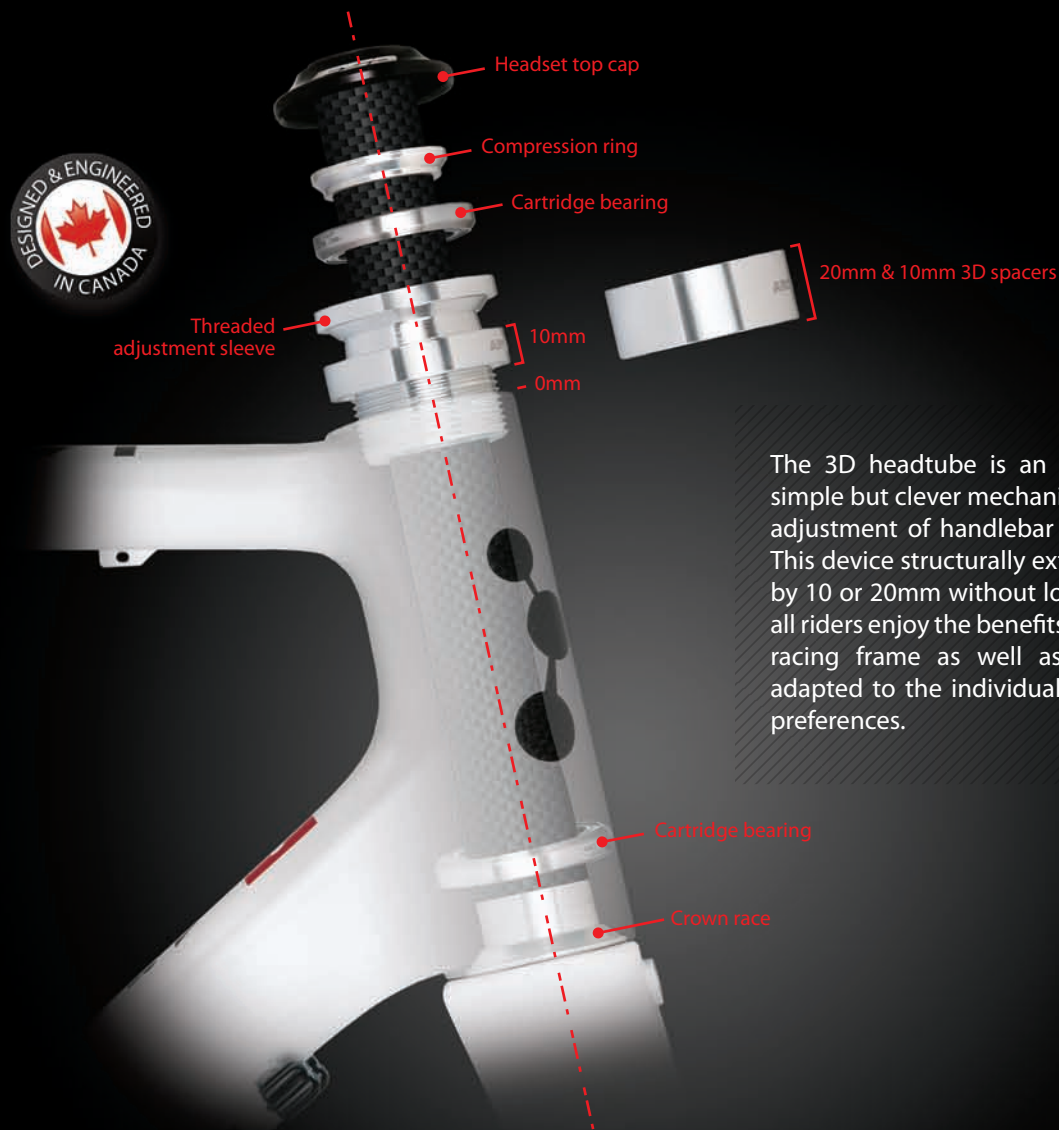
www.argon18bike.com



The Holy Grail: Optimal Balance

Our collective experience as riders has led us to arrive at a very specific notion of what sort of dynamic properties an exceptional bike should embody. From this point on, it becomes simply a matter of staying uncompromisingly true to the design objective in order to arrive at a light and nimble machine that is unfailingly comfortable, but unflinching in its rigidity.

This quest for an optimal blend of the most desirable characteristics is at the heart of Argon 18's philosophy. Every Argon 18 model exhibits road manners found in no other bike and this, put simply, is the result of our ongoing quest for that elusive optimal balance.



The 3D headtube is an Argon 18 exclusive, a simple but clever mechanical solution for perfect adjustment of handlebar height for every rider. This device structurally extends headtube height by 10 or 20mm without loss of stiffness. This lets all riders enjoy the benefits of an uncompromised racing frame as well as a position perfectly adapted to the individual's physique and riding preferences.

A fully-mastered technology for finely-tuned rigidity

•**HDS:** the Horizontal Dual System is a design that varies the shape and size of the various frame sections according to the stresses experienced by each. Power transfer is remarkably efficient, response is immediate.

•**Internal S3:** the S3 principle, applied internally. Reinforcements inside the frame vary according to frame size, putting extra material only where necessary, reducing needless weight while improving stiffness for a complete power transfer.

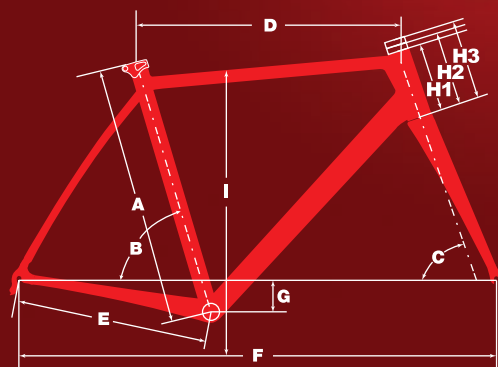
•**Easy positioning, accurate trajectories, AFS road geometry:** the Argon 18 Fit System is based on years of knowledge about the geometries required to make a bike most efficient and enjoyable to ride. This is why Argon 18 bikes are more comfortable, maximizing the rider's potential.



Gallium Pro

Size	XXS*	XS*	S*	M*	L*	XL*
Classic	44-46	47-50	51-53	54-56	57-59	60-62
A cm	43	46.5	51.3	55	57.5	60
B deg	75.5	74.5	74	73.5	73	72.5
C deg	71	72	72.7	72.7	72.7	73
D cm	50	52	54	55.6	57.5	59.5
E cm	40.6	40.6	40.6	40.8	41	41
F cm	96.3	96.7	97.6	98.9	100	101
G cm	7	7	7	7	7	7
H1 cm	9.0	10.0	12.3	14.7	17.3	19.5
H2 cm	10.4	11.4	13.7	16.1	18.7	20.9
H3 cm	11.4	12.4	14.7	17.1	19.7	21.9
I cm	66.8	69.4	74	76.8	79.6	81

*Sloping Top Tube
Weight : 940g (Medium frame only) Fork 356g



3D

3D Headtube* is a structural extension of the headtube. It keeps the headset bearings close to the stem, maximising rigidity and steering accuracy even when the rider chooses an upright position. With

its stiffness intact, the stem/bar combination favors hard accelerations. Three positions are available: 0mm, 10mm and 20mm.

* patent pending

Easy positioning, accurate steering

•**3D Headtube***: allows for three effective headtube lengths per frame size, for a more upright, relaxed position without reducing the frame's rigidity. Three positions are available, 0mm, 10mm or 20mm. Rider position can evolve over time, without affecting the frame's characteristics.

•**AFS road geometry**: the Argon 18 Fit System relies on years of knowledge about the cycle geometries required to make a bike as efficient and enjoyable to ride as possible. Argon 18 bikes are more comfortable and sure-footed because the rider is properly positioned.

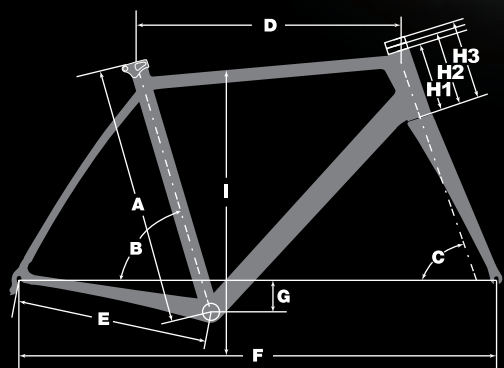
•**Integrated design**: complementary fork and seatstay design. The Ga31 monocoque carbon fork is an Argon 18 exclusive. It is designed to enhance the frame's intrinsic characteristics. Its vertical compliance and lateral stiffness complement the rear triangle's properties perfectly, giving the Gallium a unified, "all of a piece" feel, capable of powerful, immediate accelerations.



Gallium

Size	XXS*	XS*	S*	M*	L*	XL*
Classic	44-46	47-50	51-53	54-56	57-59	60-62
A cm	43	46.5	51.3	55	57.5	60
B deg	75.5	74.5	74	73.5	73	72.5
C deg	71	72	72.7	72.7	72.7	73
D cm	50	52	54	55.6	57.5	59.5
E cm	40.6	40.6	40.6	40.8	41	41
F cm	96.3	96.7	97.6	98.9	100	101
G cm	7	7	7	7	7	7
H1 cm	9.0	10.0	12.3	14.7	17.3	19.5
H2 cm	10.4	11.4	13.7	16.1	18.7	20.9
H3 cm	11.4	12.4	14.7	17.1	19.7	21.9
I cm	66.8	69.4	74	76.8	79.6	81

*Sloping Top Tube
Weight: 1100g (Medium frame only) Fork 374g



HDS

Horizontal Dual System: Tube size, shape, and wall thickness as well as composite formulation vary according to the intended design objectives. Maximum lateral rigidity in the lower portion of

the frame: chainstays, downtube, bottom bracket area and headtube. Optimized vibration damping in upper portion: top tube, seatstays. Explosive acceleration and comfort in all conditions.

100% monocoque carbon frame

• **A frameset offering a more unified feel and greater mechanical efficiency.**

5600 HM Carbon composite: High Modulus fibers are very effective at damping vibration, for greater comfort while maintaining sufficient stiffness for top-shelf performance.

• **A balanced design:** Kr36 fork is designed specifically for the Krypton frame, for tight, balanced handling and accurate steering.

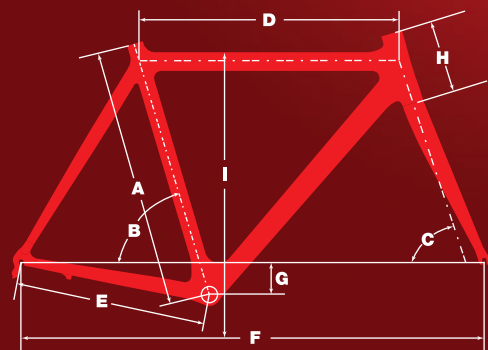
• **S3 construction:** ensures the right blend of stiffness and compliance in every size.



Krypton

Size	XXS*	XS*	S	M	L	XL
Classic	44-46	47-50	51-53	54-56	57-59	60-62
A cm	41.5	46	51	57	60	63
B deg	75.5	75	74	73.5	73.15	73
C deg	71	72	73	73	73	73.5
D cm	50	52	54	55.5	57	58.5
E cm	40.6	40.6	40.6	40.8	41	41
F cm	96.5	96.7	97.2	98.5	100	100.7
G cm	7	7	7	7	7	7
H cm	9.5	10.5	12.7	15.6	18.5	21.2
I cm	67.3	70	74.6	78.5	81.2	84.1

* Sloping Top Tube
Weight: 1225g (Medium frame only) Fork 485g



CARBON
HM
5600
100% carbon
MONOCOQUE



S3

Size Specific Specs: The S3 design means down tube and top tube diameters vary with frame size, enhancing the natural qualities of monocoque

construction and thus maintaining the ideal balance between rigidity and a lively feel.

Something seldom found in this market segment, the Rn86 frame and fork have been designed to work as a unit

•**Rn86 100% carbon rear triangle:** very good vibration damping, for all-day comfort even on rough roads, combined with properly proportioned lateral rigidity, very responsive to sudden accelerations.

•**Rn86 fork:** an well-matched blend of lateral stiffness and vertical compliance for the frame and its intended use, keeping the rider comfortable and efficient, even during long rides.

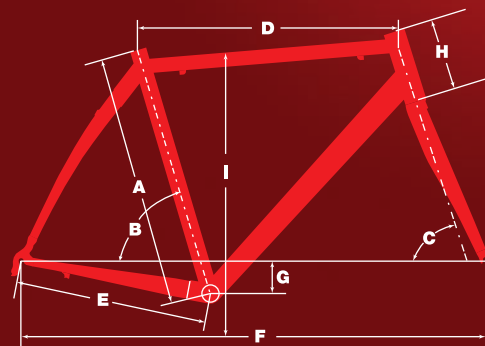
•**HDS Design:** with its tube shapes and sizes specifically conceived for an ideal mix of comfort and performance, the triple-buttressed aluminum main triangle is remarkably light and stiff, a stellar performer.



Radon

Size	XXS*	XS*	S*	M*	L*	XL*
Classic	43-46	47-50	51-53	54-55	57-59	60-62
A cm	41	46	51	54	57	60
B deg	75.5	75	74	73.5	73	72.5
C deg	71	72	72.7	72.7	72.7	73
D cm	50	52	54	55.5	57.5	59.5
E cm	40.6	40.6	40.6	40.8	41	41
F cm	96.1	96.7	97.2	98.5	100	100.7
G cm	7	7	7	7	7	7
H cm	9.8	10.8	12.8	15.6	18.2	21
I cm	66.4	69.4	74.5	77	80	82

*Sloping Top Tube
Weight : 1375g (Medium frame only) Fork 485g



ALUMINUM
T3
2060
TRIPLE BUTTED



NEW
FRAME

The Radon's frame has been completely redesigned as a result of knowledge acquired during the development work for the Gallium. Vertical

compliance and resistance to torsional stresses have been maximized, giving the Radon more punch and the rider more comfort.

AFS geometry cyclosporive version

•The AFS system is based on years of experience with the cycle geometries required for making bikes that are efficient and enjoyable to ride.

•The Plutonium's wheelbase has been extended for increased stability and the headtube is now taller for a more upright, comfortable position.

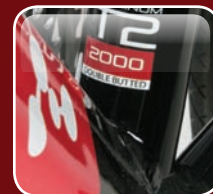
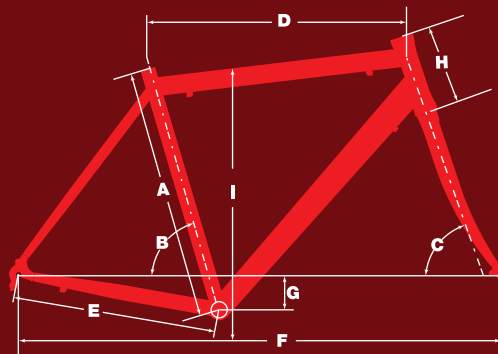
•**A great commuter:** ideal for everyday travel or for longer week-end adventures. Simply add a rack to the integrated eyelets, pack your gear and go!

•**Double-buttet aluminum tubes:** improved frame for 2010, optimized following the HDS principles, featuring double-buttet tubes for rigidity where it matters and lightness throughout. An efficient, enjoyable ride, whether commuting daily or exploring backroads on weekends.

Plutonium

Size	XXS*	XS*	S*	M*	L*
Classic	44-46	47-50	51-53	54-56	57-59
A cm	41	45	49	53	57
B deg	75.5	75	74	73.5	73
C deg	70	71	71	71.5	71.5
D cm	50	52	54	55.5	57
E cm	43	43	43	43	43
F cm	99.5	99.9	100.7	102	102.7
G cm	7	7	7	7	7
H cm	10	12	14.5	17	19.5
I cm	70	72	75.5	79.1	81.6

* Sloping Top Tube



NEW
FRAME

The Plutonium, too, has been revisited for 2010. A new top tube and redesigned rear triangle make for

a stronger but lighter frame, an efficient ride for the daily commute as well as on longer trips.

AFS geometry Junior version

•Bikes built with young bodies in mind, featuring appropriate proportions and compliant with components makers' assembly standards. Truly functional little race bikes.

•**650c or 24"**: two versions are available, with 650c wheels or with 24" wheels.

•Ergonomically sound components:

- Shorter cranks.
- Junior saddle.
- Narrow handlebar.
- Adjustable brake levers.

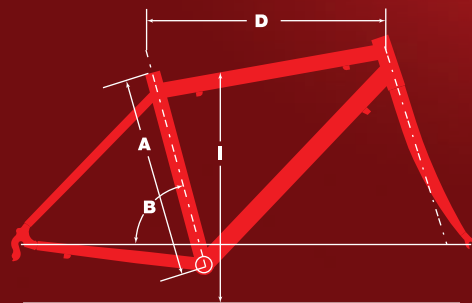
All components are adapted to young riders.



XENON24

Xenon

		Xenon 650	Xenon 24
A	cm	41	37
B	deg	75	75
D	cm	49	45
I	cm	66	61



ALUMINUM
1005
SERIES



XENON650

CARBON
FORK

Carbon fork: light weight, raceworthy performance and improved vibration damping.



ONENESS *technology*

Headset
top cover

Aluminum
cylinder

Headset
top cap

Compression ring

Cartridge bearing

Cartridge bearing
Crown race

ONeness

10mm
aero spacers

25mm
aero spacers



At the heart of the ONeness concept is a unique component that replaces a conventional stem. It acts as an aerodynamic fairing while holding the AHB 5000 full-carbon tribar/bullhorn combination specially developed by Argon 18. Oneness is an Argon 18 innovation that improves the E-114's aerodynamics, rigidity and ergonomics all at once.

* patent pending

The science of positioning and cycle dynamics

•**Oneness:** a structural fairing that masks the headtube and brake from airflow and supports the handlebar, eliminating the stem. Offers a wide range of adjustment and unmatched stiffness.

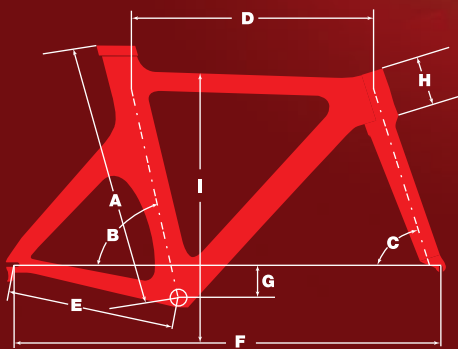
•**AFS tri/T.T. geometry:** a unique, adapted geometry, with razor-sharp steering and unparalleled stability, even in situations where it is impossible to stay on the tribar extensions with other bikes. Every dimensional aspect of the bike has been defined in order to maximize bike control, at extreme levels of exertion.

•**Overcoming the wind:** it was a bold move to question the wisdom of teardrop-shaped tubes and frame sections. Such an aerodynamic improvement required determining which areas of the frame could yield further aero gains. The E-114's radical forms result in a 12% aerodynamic improvement in a headwind and an average 18% aero gain in sidewinds.



E-114				
Size	XS*	S	M	L
Classic	47-50	51-53	54-56	57-60
A cm	49.5	55.5	59	61
B deg	76	76	76	76
C deg	72.5	72.5	72.5	72.5
D cm	52	53.5	54.7	56
E cm	40	40	40	40
F cm	96.9	98.3	99.6	101.1
G cm	7	7	7	7
H cm	8.5	9.5	11.4	13.8
I cm	71.5	75.9	77.9	80.4

* Sloping Top Tube
Weight : 1425g (Medium frame only) Fork 595g



CARBON
HM
6006
100% carbon
MONOCOQUE



The E-114's innovative and exclusive design has won Argon 18 the prestigious Eurobike Award. The bike also received the Institut Design Montréal's hotly-contested Industrial Design Award. The E-114 is a

striking example of Argon 18's capacity for innovation as well as its will to push the envelope in the field of bicycle design.

* patent pending

Rigidity = efficiency

•The E-112 fork's resistance to lateral deflection matches that of the frame, as they were engineered to work together. Combined, they amount to the stiffest frameset available, guaranteed to deliver maximum efficiency in translating rider input into speed.

•**AFStri/T.T. geometry:** the E-112 features geometry identical to the E-114's with the same accurate steering and rock-solid stability even at very high-intensity efforts. Radical or more relaxed positions are easily achieved.

•**Cheating the wind:** the E-112 is built in the same mold used in making the E-114.

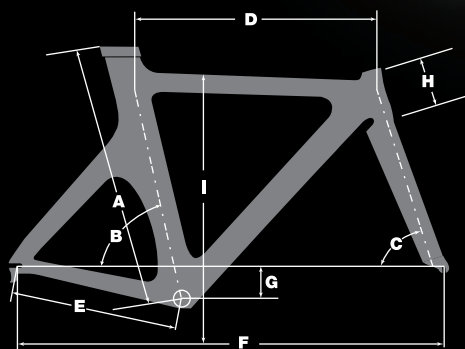
•**Aero gains over conventional tri/T.T. frames:** 5% against a headwind, an average of 13% in a sidewind.



E-112

Size	XS*	S	M	L
Classic	47-50	51-53	54-56	57-60
A cm	49.5	55.5	59	61
B deg	76	76	76	76
C deg	72.5	72.5	72.5	72.5
D cm	52	53.5	54.7	56
E cm	40	40	40	40
F cm	96.9	98.3	99.6	101.1
G cm	7	7	7	7
H cm	8.5	9.5	11.4	13.8
I cm	71.5	75.9	77.9	80.4

*Sloping Top Tube
Weight: 1550g (Medium frame only) Fork 450g



CARBON
HM
5606
100% carbon
MONOCOQUE



2 way
post

ASP4000 reversible seatpost. 78 or 76-degrees effective seat tube angle. Fore-aft and saddle angle

settings adjust independently, even very subtle changes are easily achieved.

Redesigned for yet more speed

•**AFS tri/T.T. geometry:** as with the E-114 and E-112, the E-80's geometry takes into consideration the specific physical characteristics imposed by the tri/time trial position. Riders will find it easy to set up the correct aero position with the E-80.

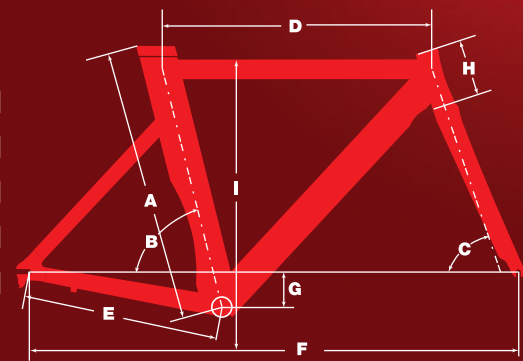
•**E80 carbon fork:** new aero carbon fork allows for brake installation either in front or hidden from the airflow, behind the fork.

•**ASP 4000 seatpost:** Reversible carbon seatpost offers two effective seat tube angles, 78 and 76 degrees. Saddle angle and fore-aft adjustments effected separately, allowing for subtle, incremental positional changes.



E-80		XS*	S	M	L
Size		47-49	50-53	54-56	57-60
Classic		47-49	50-53	54-56	57-60
A	cm	46	53	55	57
B	deg	76	76	76	76
C	deg	72.5	72.5	72.5	72.5
D	cm	52	53.5	54.5	56
E	cm	40	40	40	40
F	cm	96.9	98.3	99.6	101.1
G	cm	7	7	7	7
H	cm	8.5	9.5	11.4	14
I	cm	69.5	74.7	76.6	79

* Sloping Top Tube
Weight : 1650g (Medium frame only) Fork 495g



NEW
FRAME

The E-80 has been completely redesigned in a quest for yet more speed: triple butted aluminum frame,

new carbon fork, internal cable routing.

A full-blown track racing frameset

•**HDS track version:** genuine track geometry, with short wheelbase, increased bottom bracket clearance and aggressive, upright seat and head tube angles. The Electron is a bike with lightning-quick reflexes and incredible agility.

•**Triple-buttressed aluminum frame:** main triangle built with triple-buttressed aluminum tubes, stout at the tube ends for maximum strength and stiffness and thin in the middle for minimal weight. Top and down tube shape and size optimized following the AFS principles, ideal for high-power sprinting and standing starts.

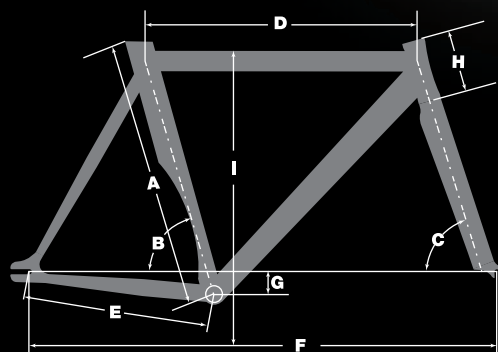
•**Attention to details:** CNC-machined rear dropouts with stainless steel inserts for increased wear resistance against highly-torqued track axle bolts. Smooth weld fillets improve the mechanical characteristics of frame junctions for added strength and durability.



Electron

Size	XS*	S	M	L
Classic	46-49	50-53	54-56	57-59
A cm	41	51	54	57
B deg	76	75	74.5	74
C deg	74	74.5	74.5	74.5
D cm	50	52	54	56
E cm	38.3	38.3	38.3	38.3
F cm	92.2	93.7	94.7	96.1
G cm	4.5	4.5	4.5	4.5
H cm	9	10	12.5	15
I cm	67	75.5	78	80.3

*Sloping Top Tube
Weight: 1495g (Medium frame only) Fork 395g



CARBON
MONOCOQUE
FORK

The Electron comes equipped with an ultra-rigid monocoque carbon fork. Because the Electron is a

true track racing bike, no provision has been made for mounting a brake.

Cross-specific tube shapes

•Top tube has flattened lower surface with cable routing to one side, for easy shouldering in running sections.

•Asymetrical chainstays bolster bottom bracket rigidity.

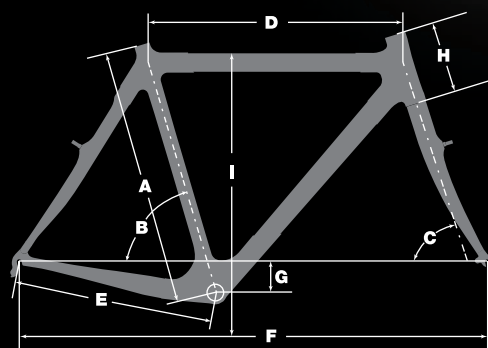
•**AFS cross version:** optimal balance for technical courses, geometry tailored to cross riding: longer wheelbase, increased bottom bracket clearance.



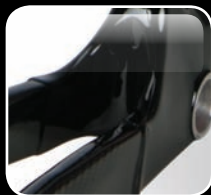
Arsenic

Size	XS*	S	M	L
Classic	48-50	51-53	54-56	57-59
A cm	49	54	57	60
B deg	75	74	73.5	73.15
C deg	72	73	73	73
D cm	52	54	55.5	57
E cm	43	43	43	43
F cm	99.2	100.2	101.4	102.6
G cm	6	6	6	6
H cm	11.5	12.7	15.6	18.5
I cm	73.1	76.8	79.5	82.2

*Sloping Top Tube
Weight : 1475g (Medium frame only) Fork 454g



CARBON
HT
3050



100% CARBON
FRAME

100% carbon frame with As33 full-carbon monocoque fork. The Arsenic's specific composite formulation

emphasizes ruggedness and stiffness throughout the frame, particularly around the bottom bracket area.

A excellent commuter

•Here is a bike that exhibits the nimble performance of a road bike, but is practical and adaptable, with built-in eyelets for mounting a rack. Ideal for the daily ride to work: just pack your things and go!

•**AFS Performance Hybrid version:** a balanced geometry with a longer wheelbase and more upright position, affording greater stability and plush comfort.

•**Carbon fork and seatpost:** effective in damping vibrations and roadbuzz while on rough surfaces.

•**Double-buttressed aluminum:** redesigned frame for 2010, optimized according to HDS principles, Double-buttressed tubes combine rigidity where needed and light weight overall. An efficient, comfortable, enjoyable ride, in town or on a long journey.

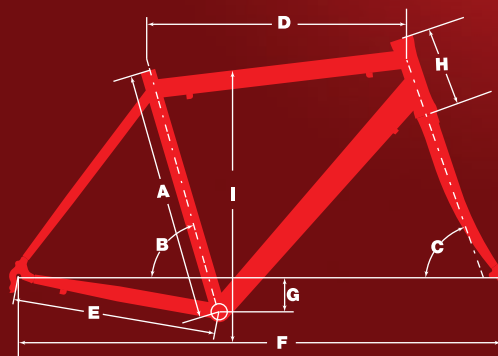


COBALT

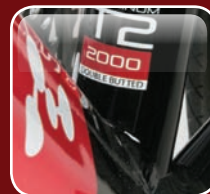
Cobalt Lux & Cobalt

Size	XXS*	XS*	S*	M*	L*
Classic	44-46	47-50	51-53	54-56	57-59
A cm	41	45	49	53	57
B deg	75.5	75	74	73.5	73
C deg	70	71	71	71.5	71.5
D cm	50	52	54	55.5	57
E cm	43	43	43	43	43
F cm	99.5	99.9	100.7	102	102.7
G cm	7	7	7	7	7
H cm	10	12	14.5	17	19.5
I cm	70	72	75.5	79.1	81.6

* Sloping Top Tube



ALUMINUM
T2
2000
DOUBLE BUTTED



COBALT *lux*

NEW
FRAME

A new top tube and redesigned rear triangle make for a stronger but lighter frame, an efficient ride for

the daily commute as well as on longer trips.

Warranty Policy

Frames designed by Argon 18 are built for a specific purpose and are guaranteed for that purpose only. Our warranty is your protection against manufacturing defects. However, damage or degradation due to use in abusive conditions, such as oxidation perforation from severe winter climate and salted roads, improper maintenance and accidents are not covered by the warranty.

Warranty Terms

All our frames are guaranteed for 3 years against manufacturing defects. Components are guaranteed by their respective manufacturers and are subject to each manufacturer's warranty policy.

Warranty Validation

To validate this warranty, the original, dated sales invoice is required to establish proof of purchase. Online registration of the frameset on Argon 18 website is also necessary. Warranty applies to original owner only and the bicycle must be fully assembled by an authorized Argon 18 dealer.

Repair or Replacement

Argon 18 will either repair or replace any defective product at its discretion. Repair services or replacement will be free of charge. Dealer labor fees for assembly and disassembly and shipping costs are not covered by this warranty.

No liability for incidental or consequential damage

Repair or replacement of defective products specified above is your only remedy under this warranty, and in no event shall Argon 18 be liable for incidental or consequential damages. In no event shall Argon 18, its agents or dealers be liable to the purchasers of its bicycles or to third parties for any incidental damage, consequential damage or personal injury due to their use.

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ARGON 18

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