



# ARGON 18



Frame Size Charts  
Gallium Pro & Gallium  
2011

## Why read this document?

The following has been prepared in order to assist buyers in choosing the proper frame size.

## Contents:

- 1) Gallium and Gallium Pro geometry chart.
- 2) Top tube length chart for each frame size
- 3) "Saddle-to-handlebar height difference" charts for each frame size

## A word of caution

Argon 18 highly recommends that prospective buyers consult the bike fitting specialists at an authorized Argon 18 retailer's. These experts have the tools and skills required for accurate measuring of riders' physical dimensions and the relevant product knowledge for determining the best options available to each buyer. They will gladly help you find the right bike for you; don't hesitate to ask for their help.

## Saddle-to-handlebar height difference, a primary consideration

Argon 18 has developed its frame geometry so that each tube length varies incrementally according to frame size. Consequently, every rider potentially has two frame sizes to choose from.

The 3D Headtube system further increases this versatility by offering a wider handlebar height adjustment range for a given frame size. **Thus, choice of frame size must take into account the desired height difference between saddle and handlebar, along with the seat tube and top tube dimensions.** The "Saddle-to-handlebar height difference" chart details the handlebar height adjustment range for each frame size.

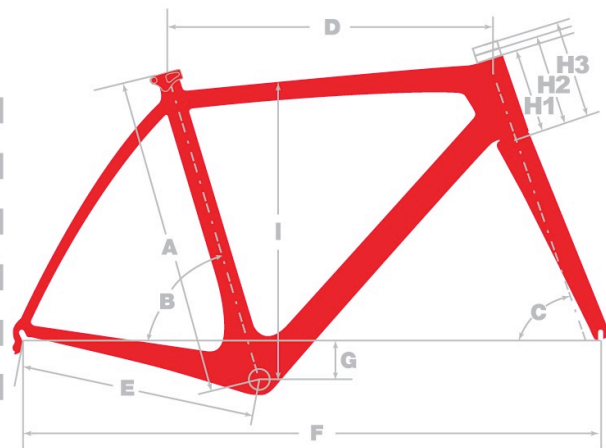
## 1) Gallium and Gallium Pro geometry chart

### Gallium Pro

Size	XXS*	XS*	S*	M*	L*	XL*
Classic	44-46	47-50	51-53	54-56	57-59	60-62
A cm	41.5	45	49	53.5	56	59
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	50.2	52	54	56	57.5	59.5
E cm	40.6	40.6	40.6	40.8	41	41
F cm	96	96	97	98	100	101.5
G cm	7.5	7.5	7.5	7.5	7.5	7.5
H1 cm	7.7	8.2	10.9	13.9	16.2	18.9
H2 cm	9.1	9.6	12.3	15.3	17.6	20.3
H3 cm	10.1	10.6	13.3	16.3	18.6	21.3
I cm	66	69	73	77	79	81.5

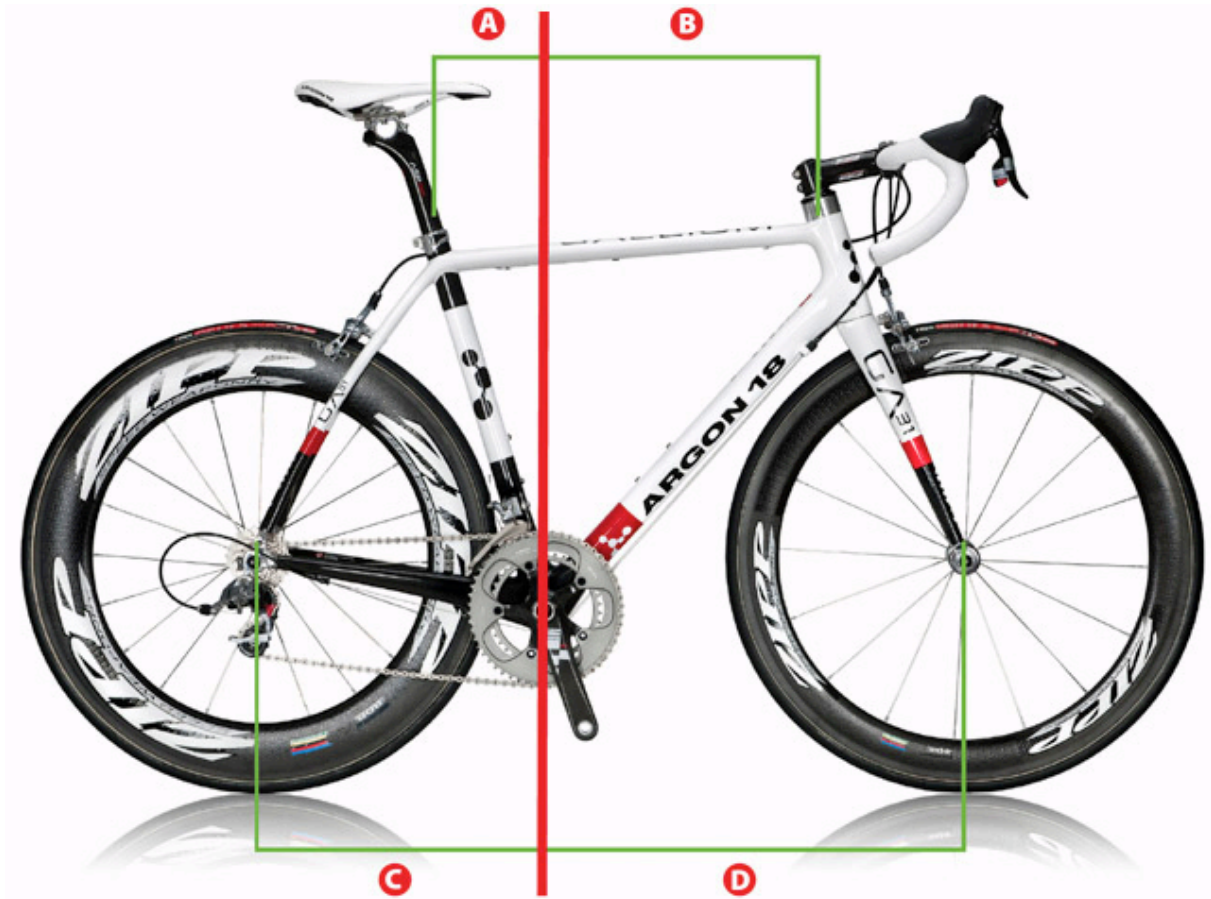
\* Sloping Top Tube

Weight : 940g (Medium frame only) Fork 340g



## 2) Tube length chart

-top tube, top tube rear and top tube front lengths for each size:



Frame size	Section A Top tube rear (cm)	Section B Top tube front (cm)	A + B Total top tube length (cm)
XXS	11.5	38	50
XS	12.7	39.3	52
S	14.3	39.7	54
M	15.6	39.9	55.5
L	16.8	40.2	57
XL	17.8	40.7	58.5

### 3) Saddle-to-handlebar height difference chart, for each frame size

How to read the chart:



<b>Small</b>	<b>(mm)</b>	
	Maximum handlebar height	Minimum handlebar height
Saddle height		
690	-23	-77

These figures illustrate the handlebar height adjustment range for a size Small frame : with a saddle height of 690mm (bottom bracket centerline to saddle top), a rider could set handlebar height relative to the saddle somewhere in a range between 23mm (highest position) and 77mm (lowest Position).

<b>XS</b>	<b>(mm)</b>	
	Maximum handlebar height	Minimum handlebar height
Saddle height		
690	-51	-105

If this rider wants a lower bar for a more aggressive position, then the XS size will allow this. With this frame, handlebar height can be set between 51mm (highest) and 105mm (lowest) below saddle height.

#### Notes

\* Maximum handlebar height is achieved using a 20mm 3D spacer as well as 30mm of standard spacers. A positive(+) number indicates a handlebar set higher than the given saddle height.

\* Minimum handlebar height is achieved using neither 3D nor standard spacers.



### Gallium & Gallium Pro

<b>XXS</b>	<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height
565	62	8
575	53	-1
585	43	-11
595	33	-21
605	24	-30
615	14	-40
625	4	-50
635	-5	-59
645	-15	-69
655	-25	-79
665	-34	-88
675	-44	-98
685	-54	-108

<b>XS</b>	<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height
600	36	-18
610	26	-28
620	16	-38
630	7	-47
640	-3	-57
650	-13	-67
660	-22	-76
670	-32	-86
680	-41	-95
690	-51	-105
700	-61	-115
710	-70	-124
720	-80	-134



<b>Small</b>		<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height	
640	25	-29	
650	16	-38	
660	6	-48	
670	-4	-58	
680	-13	-67	
690	-23	-77	
700	-33	-87	
710	-42	-96	
720	-52	-106	
730	-61	-115	
740	-71	-125	
750	-81	-135	
760	-90	-144	

<b>Medium</b>		<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height	
685	12	-42	
695	3	-51	
705	-7	-61	
715	-17	-71	
725	-26	-80	
735	-36	-90	
745	-45	-99	
755	-55	-109	
765	-64	-118	
775	-74	-128	
785	-84	-138	
795	-93	-147	
805	-103	-157	



<b>Large</b>		<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height	
710	9	-45	
720	0	-54	
730	-10	-64	
740	-20	-74	
750	-29	-83	
760	-39	-93	
770	-48	-102	
780	-58	-112	
790	-67	-121	
800	-77	-131	
810	-87	-141	
820	-96	-150	
830	-106	-160	

<b>XL</b>		<b>(mm)</b>	
Saddle height	Maximum handlebar height	Minimum handlebar height	
740	11	-43	
750	2	-52	
760	-8	-62	
770	-18	-72	
780	-27	-81	
790	-37	-91	
800	-46	-100	
810	-56	-110	
820	-65	-119	
830	-75	-129	
840	-84	-138	
850	-94	-148	
860	-103	-157	