08

COLLECTIONS

MERCKX

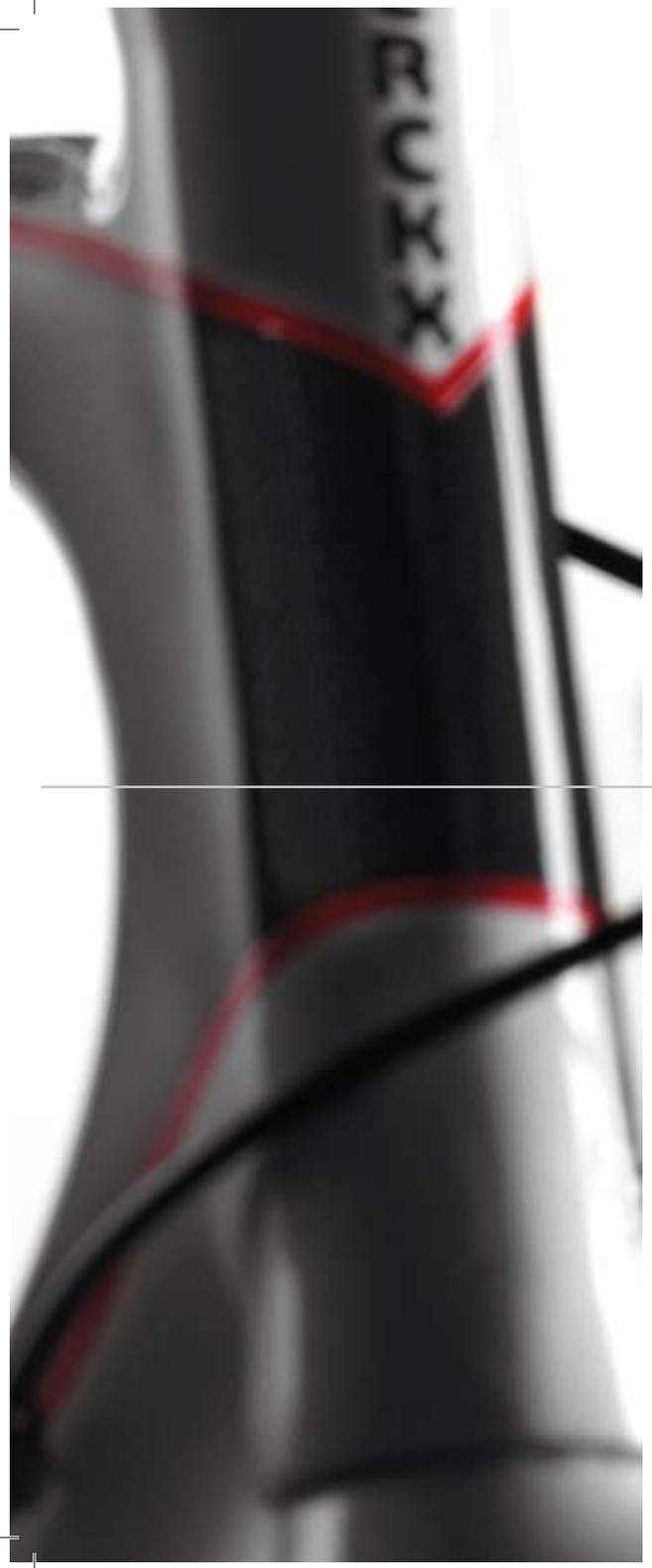
EDDY MERCKX®

Throughout his illustrious racing career Eddy Merckx was meticulous in the detail of his bicycles, taking the utmost pride in the fit and finish of all his equipment. As a manufacturer he retains these qualities, incorporates them with his unparalleled racing experience and passion, and shares them with thousands like you. For more than 25 years the Eddy Merckx trademark has served as the quality seal of a true racing bicycle.

PALMARES

RACES CONTESTED	1800
RACES WON 525 - CLASSICS	32
WORLD CHAMPION	3
SIX DAY RACES	17
CICLO CROSS	2
SUPER PRESTIGE PERNOD	7
GIRO D'ITALIA LEADER'S JERSEY	76
TOUR DE FRANCE LEADER'S JERSEY	96
TOUR DE SPAIN LEADER'S JERSEY	9
HOUR RECORD	1
MILAN SAN REMO	7
HET VOLK	2
TOUR OF FLANDERS	2
GHENT-WEVELGEM	3
PARIS-ROUBAIX	3
FLECHE-WALLONNE	3
LIEGE-BASTOGNE-LIEGE	5
AMSTEL GOLD RACE	2
GRAN PRIX OF FRANKFURT	1
PARIS-BRUSSELLS	1
TOUR OF LOMBARDY	2
TOUR DE FRANCE	5
GIRO D'ITALIA	5
TOUR OF SPAIN	1
TOUR OF SWITZERLAND	1
TOUR OF BELGIUM	2
PARIS-NICE	3
DAUPHINE-LIBERE	1
MIDI LIBERE	1
TOUR OF ROMANDY	1

Beneath the paint, there are over 100 layers of various grades of carbon fiber and Kevlar® as well as titanium used in the construction of the AXM, as well as the new CXM frame.



MERCKX TECHNOLOGY

Eddy Merckx CXM, AXM and EXM frames are constructed with materials and technologies that have been certified to aeronautical standards. The frames are made in an autoclave and have a full carbon monocoque construction. This means that they are one piece frames rather than a set of tubes joined by lugs or some other conjunction method. The only additions are the aluminum finishing pieces in the bottom bracket, head tube, bottle bosses and the rear dropouts.

Fibers

The choice of fibers employed in the lamination of the frame are derived from careful studies that indicate which fibers to use in the different areas of the frame. This research insures that the frame will have the ride characteristics that Eddy Merckx demands of his bicycles.

All the fibers are pre-impregnated with epoxy resins derived from the aerospace industry. This system of impregnation guarantees that every cm^3 of material has the same resin content, the same weight and identical chemical composition.

The fibers selected for the construction of these frames are of 4 different types:

T700 Tenax - with a Tensile Strength of 49.5 tons and Tensile Modulus of 21 tons per cm^2

UTS Tenax - with a Tensile Strength of 48.3 tons and Tensile Modulus of 25 tons per cm^2.

T300 Tenax - top layer enhances aesthetic by providing one continuous surface.

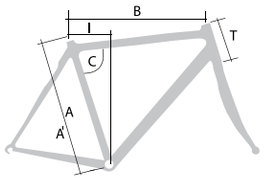
K210 fiber - serves to dampen and absorb the blows and vibrations due to normal riding conditions.

The above materials are all of several types depending on their positioning within the frame. These vary among plain, balanced, unidirectional, twill and bi-axis.

MERCKX

MSRP $7800 frame, fork, seatpost

- Formed in one piece with no internal or external reinforcements of other materials
- Monocoque construction eliminates the chance of creaking, squeaking or movement of the frame as a result of materials shifting or rubbing against one another
- Over 100 layers of various grades of carbon fiber and Kevlar® as well as titanium are used in the construction of this frame
- Cured in an autoclave with 6 atmopheres pressure at 180° C to compact the layers and force out any air that may be trapped between layers
- High modulus carbon fiber Eddy Merckx fork developed in conjunction with Easton



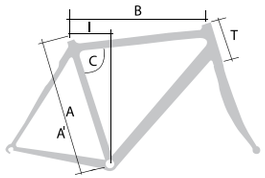
small / large

A	A1	B	C	I	T
40,5	50,0	52,7	75,2°	12,8	12,0
49,5	56,0	55,0	75,0°	14,5	19,0

MERCKX

MSRP $4500 frame, fork, seatpost

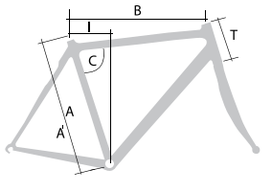
- Formed in one piece with no internal or external reinforcements of other materials
- Monocoque construction eliminates the chance of creaking, squeaking or movement of the frame as a result of materials shifting or rubbing against one another
- Over 100 layers of various grades of carbon fiber and Kevlar® as well as titanium are used in the construction of this frame
- Cured in an autoclave with 6 atmopheres pressure at 180° C to compact the layers and force out any air that may be trapped between layers
- Curvilinear seat stays enhance ride comfort
- High modulus carbon fiber Eddy Merckx fork developed in conjunction with Easton



A	B	C	I	T
48,0	52,5	73,9°	13,3	11,0
51,0	54,0	73,5°	14,5	13,7
54,0	55,0	73,3°	15,5	16,4
57,0	57,0	72,6°	17,0	19,1
60,0	58,5	72,0°	18,5	21,3

MSRP $4500 frame, fork, seatpost

- Formed in one piece with no internal or external reinforcements of other materials
- Monocoque construction eliminates the chance of creaking, squeaking or movement of the frame as a result of materials shifting or rubbing against one another
- Over 100 layers of various grades of carbon fiber and Kevlar® as well as titanium are used in the construction of this frame
- Cured in an autoclave with 6 atmopheres pressure at 180° C to compact the layers and force out any air that may be trapped between layers
- Curvilinear seat stays enhance ride comfort
- High modulus carbon fiber Eddy Merckx fork developed in conjunction with Easton

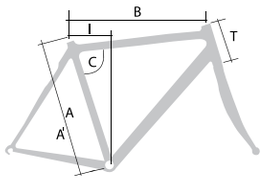


A	B	C	I	T
48,0	52,5	73,9°	13,3	11,0
51,0	54,0	73,5°	14,5	13,7
54,0	55,0	73,3°	15,5	16,4
57,0	57,0	72,6°	17,0	19,1
60,0	58,5	72,0°	18,5	21,3

MERCKX

MSRP $3500 frame, fork, seatpost

- Handmade using T700 Tenax and UTS Tenax fibers for strength, rigidity and elasticity
- K210 aramid fibers are used for their dampening properties
- The top layer is made from T300 Tenax carbon fibers which enhance aesthetic by providing a continuous surface
- Over 100 various layers used throughout the frame
- Entire frame formed in one piece
- No internal or external reinforcements of any other materials, eliminating creaking or movement of the frame
- Eddy Merckx full carbon fork by Easton

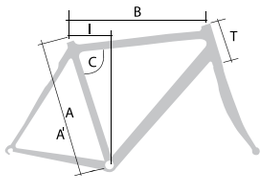


A	A1	B	C	I	T
41,0	49,5	51,6	74,1°	13,5	11,6
44,0	51,0	53,5	73,4°	14,5	13,8
47,0	54,3	55,0	72,5°	16,3	16,5
50,0	57,0	56,5	72,1°	17,5	19,5
53,0	58,5	58,5	71,5°	18,5	21,5

MERCKX

MSRP $3500 frame, fork, seatpost

- Handmade using T700 Tenax and UTS Tenax fibers for strength, rigidity and elasticity
- K210 aramid fibers are used for their dampening properties
- The top layer is made from T300 Tenax carbon fibers which enhances aesthetic by providing a continuous surface
- Over 100 layers of the various layers used through the frame
- Entire frame formed in one piece
- No internal or external reinforcements of any other materials, eliminating creaking or movement of the frame
- Eddy Merckx full carbon fork by Easton

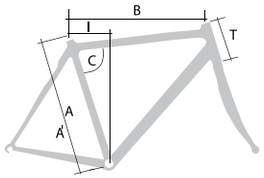


A	A1	B	C	I	T
41,0	49,5	51,6	74,1°	13,5	11,6
44,0	51,0	53,5	73,4°	14,5	13,8
47,0	54,3	55,0	72,5°	16,3	16,5
50,0	57,0	56,5	72,1°	17,5	19,5
53,0	58,5	58,5	71,5°	18,5	21,5

MERCKX

MSRP $2400 frame, fork, seatpost

- Formed in one piece with no internal or external reinforcements of other materials
- Monocoque construction eliminates the chance of creaking, squeaking or movement of the frame as a result of materials shifting or rubbing against one another
- Over 100 layers of various grades of carbon fiber and Kevlar® as well as titanium are used in the construction of this frame
- Cured in an autoclave with 6 atmopheres pressure at 180° C to compact the layers and force out any air that may be trapped between layers
- Curvilinear seat stays enhance ride comfort
- High modulus carbon fiber Eddy Merckx fork developed in conjunction with Easton

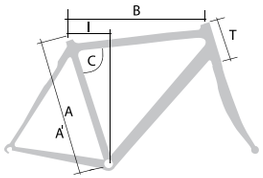


A	A1	B	C	I	T
41,0	49,5	51,6	74,1°	13,5	11,6
44,0	51,0	53,5	73,4°	14,5	13,8
47,0	54,3	55,0	72,5°	16,3	16,5
50,0	57,0	56,5	72,1°	17,5	19,5
53,0	58,5	58,5	71,5°	18,5	21,5

MERCKX

MSRP $1900 frame, fork, seatpost; MSRP Kit $2950 frame, fork, and seatpost Campagnolo Centaur / Veloce Build Kit

- The LXM is available as a frameset or as a complete bike

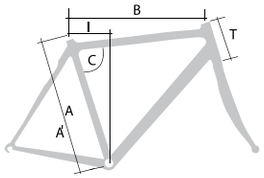


A	A1	B	C	I	T
41,0	49,5	51,6	74,1°	13,6	13,1
44,0	51,0	53,5	73,4°	14,6	15,0
47,0	54,3	55,0	72,5°	16,3	16,5
50,0	57,0	56,5	72,1°	17,5	19,5
53,0	58,5	58,5	71,5°	18,6	21,5

MERCKX

MSRP $1450 frame, fork, seatpost; MSRP Kit $2500 frame, fork, seatpost, Campagnolo Centaur / Veloce Build Kit

- The CHM is available as a frameset or as a complete bike with a mixture of Campagnolo Centaur and Veloce parts, Campagnolo Khamsin wheels, Deda carbon bar and stem and Merckx saddle and bar tape
- Various layers of carbon fibers used throughout the frame
- No internal or external reinforcements of any materials, eliminating creaking or movement of the frame
- Carbon fork
- Available in compact sizes

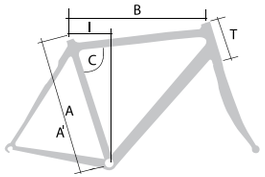


A	A1	B	C	I	T
38,0	53,8	52,8	74,0°	14,8	12,0
42,0	56,6	54,6	73,5°	16,1	14,5
46,0	58,9	57,0	73,0°	17,2	16,5
50,0	61,7	59,1	72,5°	18,6	19,0

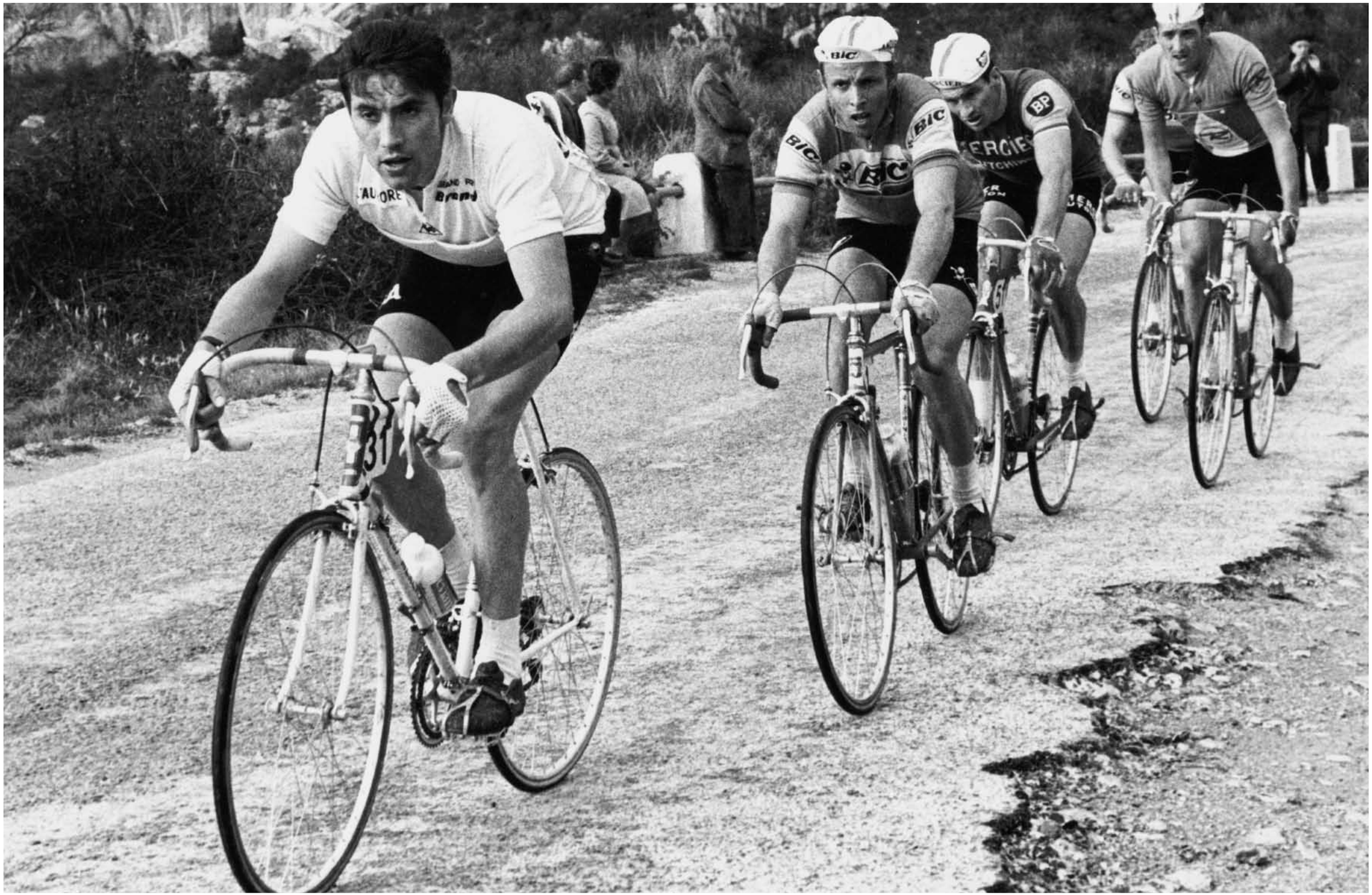
MERCKX

MSRP $1000 frame, fork

- Easton Custom 7020 double-butted aluminum tubing drawn to Merckx specifications
- Carbon fork with aluminum steerer tube



A	B	C	I	T
50,0	53,5	73,7°	14,0	11,0
52,0	54,5	73,7°	14,5	12,8
54,0	55,5	73,3°	15,5	14,7
56,0	57,0	72,8°	16,5	16,5
58,0	58,3	72,4°	17,5	18,3
60,0	59,0	72,0°	18,5	20,0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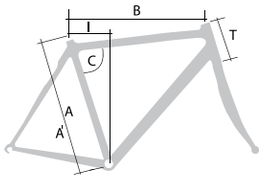
MERCKX

MSRP $1250 frame, fork

- Dedacciai Fire 7000 series aluminum tubing drawn to Eddy Merckx's specifications
- Carbon fork with chromoly steerer tube



A	A1	B	C	I	T
41,0	49,0	51,8	74,4°	13,2	13,1
44,0	52,0	52,5	74,0°	14,3	13,7
47,0	55,0	54,5	73,6°	15,5	16,2
50,0	58,0	57,0	73,0°	17,0	18,4

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