



M O U N T A I N  
H A R D T A I L S

# 1 MOUNTAIN HARDTAILS

CUBE



# 2 MOUNTAIN HARDTAILS

## HPC - Series



Elite Team



Elite Black

## PRO - Series



Reaction SC Black



Reaction SC Titan

## LTD - Series



LTD Race



LTD SL



LTD Team Pearl Black



LTD Team Deep Blue



LTD Pro Black



LTD Milky Green

## COMP - Series



Acid



Attention



Analog



Aim



LTD Comp Pearl Grey



LTD Comp Sunset Orange

## High Performance Composite

Carbon is without doubt the most interesting modern material to build frames. The possibilities for the future are almost unlimited. Carbon fibre makes it possible to build both strong and lightweight frames. Scientifically correct carbon is a polymer fibre material, when the fibres are woven correctly it gives a very stiff and strong lightweight build material. The properties of carbon products are dependent on the direction in which the fibres are applied. The correct organisation of fibres can produce a lightweight frame which is stiff, comfortable and strong in unison.

To optimize the use of the carbon fibres the most modern methods of research are employed, for example the finite element analysis method. This procedure makes it possible to simulate the stress that will be applied to the product in an early stage of product development. It also allows us to simulate the changes in stiffness when high modular fibres would be applied. Not all carbon is the same. There are two types of fibres - very strong HT (High Tenacity) and very stiff HM (High Modulus).



We develop our new generation of carbon frames in conjunction with Dr Ing Marc Siebert at the University of Kassel. Siebert is a top class engineer with extensive experience manufacturing carbon fibre bikes. For years the Cube Rothaus World Cup Team has relied on his frames to provide essential data for the development of our new bikes.

This extensive research and effort resulted in our new high-tech carbon frames. Until recently these frames were only used by professional riders but now they are available to the public.

## Cube Tube2Tube

Cube carbon frames are manufactured by using the process of Tube2Tube connections. In this manufacturing process separate manufactured parts, like the headtube and down-tube, are connected. By using separate tubes it's possible to make every tube as strong as required which results in a lighter and better handling frame when compared to monocoque frames. Connecting the tubes is a multi phase procedure which takes place layer by layer in a carefully designed order. This way every connection can be made as strong as needed to cope with the stress in the area. This technology no longer limits the choice of geometry as is the case when building a monocoque frame. Tube2Tube offers the best stiffness to weight ratio the world has seen so far.



## Quality Control

Every frame we offer and fork we use to build our bikes are tested extensively to make sure we provide you with only the very best proven products. We run static tests on all mounted parts, applying stress from several directions. All tests results are recorded, so following a crash a frame could be retested to ensure it remains within the stress range.

HPC  
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HPC

## Close-up on HPC

Our decision to use carbon for our bikes means that we make the best bikes without compromise and we will continue to develop the possibilities of carbon fibre.

For our carbon mountainbikes we use E-type front derailleurs so it's impossible to damage the seat tube by over tightening the clamp. This also means we can use less material in the seat tube to make the frame perform even better.

### Features

- Ultralight High Performance Carbon frame, Tube2Tube technology
- World Cup geometry
- Top class stiffness to weight ratio by calculations
- Frame weight of only 1240g in 16"
- 57mm  $\varnothing$  head and downtube
- Headangle 71° suited for 85mm travel fork
- Clearcoat finish
- Replaceable Frame Safe System mech hanger
- 2 bottle cage mounts
- Crash replacement warranty

### Intended Use

- Cross Country, Marathon

### Special Notes

- This bike replaces our successful Elite SC model (multiple test winner)
- Excellent frame to build a very light complete bike

### Test Results

- The Rothaus Cube Team has been using the Elite HPC throughout season 2006 and earned a German champion title and great World Cup results.

### Replacement Parts

- Mech hanger #123





HPC  
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Abb: Elite HPC Blackline, K24



594 000 Ft

ajánlott fogyasztói ár (áfával)

810 000 Ft

1 188 000 Ft

### Specs

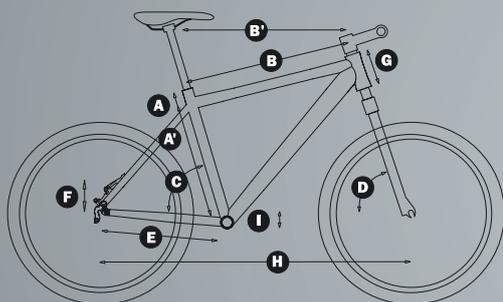
#### Elite HPC K18

#### Elite HPC K24

#### Elite HPC XTR

<b>Frame</b>	HPC Superlite Composite Tube2Tube	HPC Superlite Composite Tube2Tube	HPC Superlite Composite Tube2Tube
<b>Size</b>	16", 18", 20", 22"	16", 18", 20", 22"	16", 18", 20", 22"
<b>Color</b>	Blackline	Teamline / Blackline	Teamline / Blackline
<b>Fork</b>	RockShox Reba SL, Motion Control, Poploc, 85mm	Fox F80X, 80mm	Rockshox Reba Worldcup, MotionControl, Poploc 85mm
<b>Rear shock</b>			
<b>Headset</b>	Syntace Superspin semi-integrated	Syntace Superspin semi-integrated	Syntace Superspin semi-integrated
<b>Stem</b>	Syntace F99	Syntace F99	Syntace F99
<b>Handlebar</b>	Syntace Durafliite 2014	Syntace Durafliite Carbon	Syntace Durafliite Carbon
<b>Grips</b>	Profile double duometer	Profile double duometer	Profile double duometer
<b>Front brake</b>	Formula Oro K18 hydr. Disc brake (180mm)	Formula Oro K24 hydr. Disc brake (180mm)	Shimano XTR KM9751 hydr. Disc brake (180mm)
<b>Rear brake</b>	Formula Oro K18 hydr. Disc brake (160mm)	Formula Oro K24 hydr. Disc brake (160mm)	Shimano XTR KM9751 hydr. Disc brake (160mm)
<b>Brake Lever</b>	Formula Oro K18	Formula Oro K24 Carbon lever	Shimano XTR DualControl KM9751
<b>Front derialer</b>	Shimano XT, FDM 760 E-6 E-type	Shimano XT, FDM 760 E-6 E-type	Shimano XTR FDM 970 E-6 E-type
<b>Rear derialer</b>	Shimano XT, RDM761	Sram XO long cage	Shimano XTR RDM970
<b>Shifter</b>	Shimano LX SLM580	Sram XO Trigger	Shimano XTR DualControl KM9751
<b>Cassette Sprocket</b>	Shimano Deore HG50 11-32T	Sram PG990 11-32T	Shimano XTR CSM970 11-32T
<b>Kette</b>	Shimano HG 53, 108 Chain links	Sram PC971 108 Chain links	Shimano HG93, 108 Chain links
<b>Crankset</b>	Shimano XT FCM760 Hollowtech II, 175mm	Shimano XT FCM760 Hollowtech II, 175mm	Shimano XTR FCM970 Hollowtech II, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano XT FCM760 Hollowtech II	Shimano XT FCM760 Hollowtech II	Shimano XTR Hollowtech II, FCM970
<b>Pedals</b>	Shimano PDM520	Shimano PDM520	Shimano PDM520
<b>Rim</b>	Mavic Crossride Disc	DT XRC 180	Mavic Crossmax SLR Centerlock
<b>Hubs</b>	Mavic Crossride Disc	DT XRC 180	Mavic Crossmax SLR Centerlock
<b>Spokes</b>	Mavic Crossride Disc	DT XRC 180	Mavic Crossmax SLR Centerlock
<b>Front tire</b>	Schwalbe Racing Ralph light 2,1	Schwalbe Racing Ralph light 2,1	Schwalbe Racing Ralph light 2,1
<b>Rear tire</b>	Schwalbe Racing Ralph light 2,1	Schwalbe Racing Ralph light 2,1	Schwalbe Racing Ralph light 2,1
<b>Inner tubes</b>	Schwalbe extra light AV 57-559	Schwalbe extra light SV 57-559	Schwalbe extra light AV 57-559
<b>Rim tape</b>	Schwalbe 22-559	Schwalbe 22-559	Schwalbe 22-559
<b>Saddle</b>	Fizik Aliante Delta	Selle Italia SLR XP	Selle Italia SLR XP
<b>Seatpost</b>	Syntace P6 Carbon, Ø 34,9mm	Syntace P6 Carbon, Ø 34,9mm	Syntace P6 Carbon, Ø 34,9mm
<b>Seat clamp</b>	Syntace Superlock Ø 38,0 mm	Syntace Superlock Ø 38,0 mm	Syntace Superlock Ø 38,0 mm
<b>Misc.</b>	(Frame 1200g, Team, Black 1160g)	(Frame 1200g, Team, Black 1160g)	(Frame 1200g, Team, Black 1160g)
<b>Weight</b>	ca. 10,25 kg (smallest size without pedals)	ca. 9,95 kg (smallest size without pedals)	ca. 9,20 kg (smallest size without pedals)

Subject to alterations



Frame size		16"	18"	20"	22"
Seat tube [mm]	A	410	460	500	550
Seat tube center [mm]	A'	360	410	450	500
Top tube [mm]	B	548	573	592	609
Top tube Horizontal [mm]	B'	570	595	612	625
Seat angle [Grad]	C	73,5	73,5	73,5	73,5
Head tube angle [Grad]	D	71,0	71,0	71,0	71,0
Chain stay [mm]	E	420	420	420	420
Head tube [mm]	G	112	122	132	152
Wheelbase [mm]	H	1042	1068	1085	1099
BB offset [mm]	I	-40	-40	-40	-40

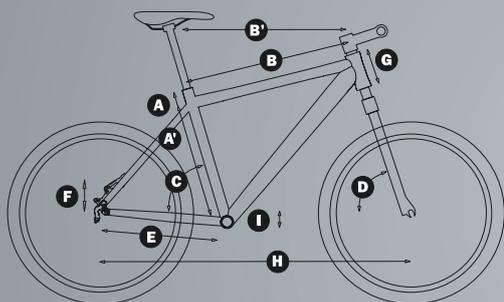


HPC  
SERIES



## The Pro Series – cherished and beloved

An enquiry amongst the readers of German magazine “Bike” resulted that the most sold bike in Germany is the Cube Reaction. There must be a reason. The triple butted aluminium frame has been developed year by year and has become our most advanced aluminium frame. This year we used hydroforming technology and managed to save more weight and further increase stiffness. Together with the proven RFR geometry this Reaction is a high-end race bike designed for results. These reasons being paramount to our decision to offer a very special XTR equipped Reaction for all the racers out there.



Frame size		14"	16"	18"	20"	22"
Seat tube [mm]	A	360	410	460	500	550
Seat tube center [mm]	A'	300	445	395	440	490
Top tube [mm]	B	523	549	565	586	601
Top tube Horizontal [mm]	B'	536	570	588	608	620
Seat angle [Grad]	C	73,5	73,5	73,5	73,5	73,5
Head tube angle [Grad]	D	71,0	71,0	71,0	71,0	71,0
Chain stay [mm]	E	420	420	420	420	420
Head tube [mm]	G	100	110	120	135	155
Wheelbase [mm]	H	1008	1042	1061	1081	1094
BB offset [mm]	I	-40	-40	-40	-40	-40



**PRO**  
SERIES

## One Piece Design

A unique system of welding the toptube, seatstays and seattube junction

## Hydroforming

Top and downtube shaped by hydroforming



## Pro Alloy Frames

Cube triple butted hydroformed 7005 Ultralight aluminium frames

## FrameSaveSystem

3D threaded dropouts to reduce stress on the frame

## CNC Cube stays



## Features

- 7005 triple butted Ultralight aluminium frame, top and downtube are hydroformed
- RFR geometry for excellent handling
- Lightweight and stiff classic frame
- Frame weight 1450g (14")
- Anodised finish
- Replaceable Frame Safe System mech hanger
- 3D dropouts for added rigidity
- CNC machined disc mounts and crossbar on seatstays

## Intended Use

- Cross Country, Marathon, Enduro

## Things to keep in mind

- A classic in hard tail design situated in the high-end market
- Because of the excellent reviews the Reaction is a brand on its own

## Test Results

- Bike January 2006: "playable and good at curves, fast in the uphill. A real competition beast."
- Fiets Magazine November 2005: "A great bike."

## Replacement Parts

- Mech hanger #123

### ajánlott fogyasztói ár (árával)

364 000 Ft

405 000 Ft

459 000 Ft

486 000 Ft

675 000 Ft

Specs	Reaction HS 33	Reaction K18	Reaction K24	Reaction Louise	Reaction XTR
Frame	ALU 7005 Hydroform triple butted	ALU 7005 Hydroform STK triple butted	ALU 7005 Hydroform triple butted	ALU 7005 Hydroform triple butted	ALU 7005 Hydroform triple butted
Size	14", 16", 18", 20", 22"	14", 16", 18", 20", 22"	14", 16", 18", 20", 22"	14", 16", 18", 20", 22"	14", 16", 18", 20", 22"
Color	Black anodized	Black anodized / Titanium anodized	Black anodized	Black anodized	Black anodized
Fork	RockShox Reba SL, Motion Control, Poploc, 80mm	RockShox Reba Race U-turn, Motion Control, Poploc, 85 - 115mm	Fox F80RL, Lockout, 80mm	RockShox Reba Race U-turn, Motion Control, Poploc, 85 - 115mm	RockShox Reba Race U-turn, Motion Control, Poploc, 85 - 115mm
Rear shock					
Headset	FSA Orbit Z semi-integrated	FSA Orbit Z semi-integrated	FSA Orbit Z semi-integrated	FSA Orbit Z semi-integrated	FSA Orbit Z semi-integrated
Stem	Syntace F139	Syntace F139	Syntace F139	Syntace F139	Syntace F139
Handlebar	Syntace Durafliite 2014	Syntace Durafliite 2014	Syntace Durafliite 2014	Syntace Durafliite 2014	Syntace Durafliite 2014
Grips	Profile double duometer	Profile double duometer	Profile double duometer	Profile double duometer	Profile double duometer
Front brake	Magura HS33 hydr. Caliper brake	Formula Oro K18 hydr. Disc brake (180mm)	Formula Oro K24 hydr. Disc brake (180mm)	Magura Louise hydr. Disc brake (180mm)	Shimano XTR KM9752 hydr. Disc brake (180mm)
Rear brake	Magura HS33 hydr. Caliper brake	Formula Oro K18 hydr. Disc brake (160mm)	Formula Oro K24 hydr. Disc brake (160mm)	Magura Louise hydr. Disc brake (160mm)	Shimano XTR KM9752 hydr. Disc brake (160mm)
Brake Lever	Magura HS33	Formula Oro K18	Formula Oro K24 Carbon lever	Magura Louise	Shimano XTR KM9752
Front derialer	Shimano XT, FDM 761 34,9mm Dualpull, Topswing	Shimano XT, FDM 761 34,9mm Dualpull, Topswing	Shimano XT, FDM 761 34,9mm Dualpull, Topswing	Shimano XT, FDM 761 34,9mm Dualpull, Topswing	Shimano XTR FDM 970 34,9mm Dualpull, Topswing
Rear derialer	Shimano XT, RDM761	Shimano XT, RDM761	Sram X9 long cage	Shimano XT, RDM761	Shimano XTR RDM971
Shifter	Shimano LX SLM 580	Shimano LX SLM580	Sram X9 Trigger	Shimano XT SLM760	Shimano XTR SLM970
Cassette Sprocket	Shimano Cassette Deore HG50 9-Speed, 11-32T	Shimano Deore HG50 9-Speed, 11-32T	Sram PG990 11-32T	Shimano XT CSM760 11-32T	Shimano XTR CSM970 11-32T
Kette	Shimano HG 53, 108 Chain links	Shimano HG 53, 108 Chain links	Sram PC971 108 Chain links	Shimano HG93 108 Chain links	Shimano HG93, 108 Chain links
Crankset	Shimano LX FCM580 Hollo II, 175mm	Shimano XT FCM760 Hollowtech II, 175mm	Shimano XT FCM760 Hollowtech II, 175mm	Shimano XT FCM760 Hollowtech II, 175mm	Shimano XTR FCM970 Hollowtech II, 175mm
Chainrings	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T
BBset	Shimano LX FCM580 Hollowtech II	Shimano XT FCM760 Hollowtech II	Shimano XT FCM760 Hollowtech II	Shimano XT FCM760 Hollowtech II	Shimano XTR FCM970, Hollowtech II
Pedals	Shimano SPD520	Shimano SPD520	Shimano SPD520	Shimano SPD520	Shimano SPD520
Rim	Mavic XM517, black, 32Loch	Rigida Taurus black, 32L	DT XRC 180	DT XRC 180	DT XRC 180
Hubs	Shimano XT HBM760(VR), FHM760 (HR)	Shimano XT (VR)HBM756, (HR) FHM756	DT XRC 180	DT XRC 180	DT XRC 180
Spokes	DT black, 2.0-1.8-2.0 x 262 // 264	DT black, 2.0-1.8-2.0 x 260 // 262	DT XRC 180	DT XRC 180	DT XRC 180
Front tire	Schwalbe Nobby Nic light 2,25	Schwalbe Nobby Nic light 2,25	Schwalbe Nobby Nic light 2,25	Schwalbe Nobby Nic light 2,25	Schwalbe Nobby Nic light 2,25
Rear tire	Schwalbe Racing Ralph light 2,25	Schwalbe Racing Ralph light 2,25	Schwalbe Racing Ralph light 2,25	Schwalbe Racing Ralph light 2,25	Schwalbe Racing Ralph light 2,25
Inner tubes	Schwalbe extra light AV 57-559	Schwalbe extra light AV 57-559	Schwalbe extra light AV 57-559	Schwalbe extra light AV 57-559	Schwalbe extra light AV 57-559
Rim tape	Schwalbe 22-559	Schwalbe 22-559	Schwalbe 22-559	Schwalbe 22-559	Schwalbe 22-559
Saddle	Fizik Aliante Delta	Fizik Aliante Delta	Fizik Aliante Delta	Fizik Aliante Delta	Fizik Aliante Delta
Seatpost	RFR Prolight, Ø 31,6mm	RFR Prolight, Ø 31,6mm	RFR Prolight, Ø 31,6mm	RFR Prolight, Ø 31,6mm	RFR Prolight, Ø 31,6mm
Seat clamp	Scape, black, Ø 34,9mm	Scape, black, Ø 34,9mm	Scape, black, Ø 34,9mm	Scape, black, Ø 34,9mm	Scape, black, Ø 34,9mm
Misc.					
Weight	ca.11,10kg (sm. Size)	ca. 10,85 kg (sm. Size)	ca. 10,20 kg (sm. Size)	ca. 10,34 kg (sm. Size)	ca. 10,00 kg (kl.RH)
Subject to alterations					

# 12 REACTION

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE

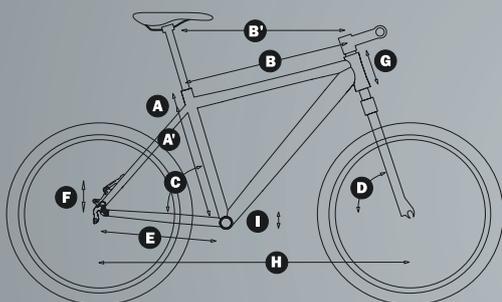


PRO  
SERIES



## The LTD Series – at home on the trails

- The LTD series contains mountainbikes with a broad range of usage with all the technical refinements you can wish for at the best price
- Suited for ambitious racing, touring or just for fun
- Ever improving frames
- LTD bikes are the best midrange bikes for the trails
- High quality double butted 7005 aluminium frames with welded gussets where required
- RFR geometry agile and stable
- Numerous CNC machined parts like disc brake mounts, dropouts and yokes
- Cables run under the toptube for clean looks and safety



### Frame size

	16"	18"	20"	22"
Seat tube [mm]	A 410	460	510	560
Seat tube center [mm]	A' 355	405	455	505
Top tube [mm]	B 540	561	583	606
Top tube Horizontal [mm]	B' 561	583	604	621
Seat angle [Grad]	C 73,5	73,5	73,5	73,5
Head tube angle [Grad]	D 71,0	71,0	71,0	71,0
Chain stay [mm]	E 420	420	420	420
Rear travel [mm]	F x	x	x	x
Head tube [mm]	G 100	120	140	160
Wheelbase [mm]	H 1041	1063	1085	1104
BB offset [mm]	I -35	-35	-35	-35

LTD  
SERIES



# 15 LTD RACE

CUBE

## Features

- Frames built from 7005 aluminium, double butted, welded gussets in stress areas
- RFR geometry for the best handling
- Frame weight from 1600g
- Scratch resistant anodised finish
- Replaceable Frame Safe Systems mech hanger
- 3D dropouts for added rigidity
- CNC machined disc brake mounts

- Optimised weight due to Rockshox Reba SL with Motion Control, remote lockout and Shimano XT Hollowtech cranks
- Hydraulic Avid Juicy 7 disc brakes
- Schwalbe Nobby Nic and Racing Ralph tyres for cornering and traction

## Intended Use

- Marathon, Enduro, Fitness

## Things to keep in mind

- Complete high-end race ready bike for ambitious recreational racers at the best price

## Replacement Parts

- Mech hanger #123

**ajánlott fogyasztói ár (árfával)**  
**351 000 Ft**

## Specs

## LTD RACE

Frame	ALU 7005, double butted, RFR Geometry
Size	16", 18", 20", 22"
Color	lime green anodized
Fork	RockShox Reba SL, 85mm, Motion Control, Poploc
Rear shock	
Headset	Ritchey Zero Logic semi-integrated
Stem	FSA, OS-170
Handlebar	FSA, XC 280 Riser
Grips	Profile double duometer
Front brake	Avid Juicy 7 hydr. Disc brake (180mm)
Rear brake	Avid Juicy 7 hydr. Disc brake (160mm)
Brake Lever	Avid Juicy 7
Front derialer	Shimano XT, FDM 760 34,9mm Dualpull, Topswing
Rear derialer	Shimano XT, RDM761
Shifter	Shimano LX SLM 580
Cassette Sprocket	Shimano Deore HG50, 11-32T
Kette	Shimano HG 53, 108 Chain links
Crankset	Shimano LX FCM580 Hollowtech II, 175mm
Chainrings	Shimano 22T, 32T, 44T
BBset	Shimano LX FCM580 Hollowtech II
Pedals	Fasten Alu
Rim	Rigida Taurus black
Hubs	Shimano XT (VR)HBM756, (HR) FHM756
Spokes	DT black DD
Front tire	Schwalbe Racing Ralph light, 2,25
Rear tire	Schwalbe Nobby Nic light, 2,25
Inner tubes	Schwalbe extra light AV 57-559
Rim tape	Schwalbe 22-559
Saddle	Selle Italia XR
Seatpost	FSA, SL 280, Ø 31,6mm
Seat clamp	Scape, black, Ø 34,9mm
Misc.	
Weight	ca. 11,65 kg (smallest size without pedals)

Subject to alterations

# 16 LTD RACE

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



LTD  
SERIES



## Features

- Frames built from 7005 aluminium, double butted, welded gussets in stress areas
- RFR geometry for the best handling
- Frame weight from 1600g
- Scratch resistant anodised finish
- Replaceable Frame Safe System mech hanger
- 3D dropouts for added rigidity
- CNC machined disc brake mounts
- Optimised weight due to Rockshox Reba SL with Motion Control, remote lockout, lightweight Avid parts and Syntace stem and bars
- Hydraulic Avid Juicy 7 disc brakes
- Schwalbe Nobby Nic and Racing Ralph tyres for traction

## Intended use

- Marathon, Enduro, Fitness

## Things to keep in mind

- This is a lightweight race bike
- great value for money

## Replacement Parts

- Replaceable Frame Safe Systems mech hanger #123

**ajánlott fogyasztói ár (áfával)**  
**337 000 Ft**

## Specs

## LTD SL

<b>Frame</b>	ALU 7005, double butted, RFR Geometry
<b>Size</b>	16", 18", 20", 22"
<b>Color</b>	anthracite anodized
<b>Fork</b>	RockShox Reba SL, 85mm, Motion Control, Poploc
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	Syntace F139
<b>Handlebar</b>	Syntace Durafilite 2014
<b>Grips</b>	Profile double duometer
<b>Front brake</b>	Avid Single Digit 7
<b>Rear brake</b>	Avid Single Digit 7
<b>Brake Lever</b>	Avid Speed Dial 7
<b>Front derialer</b>	Shimano XT, FDM 760 34,9mm Dualpull, Topswing
<b>Rear derialer</b>	Sram X9 long cage
<b>Shifter</b>	Sram X9 Trigger
<b>Cassette Sprocket</b>	Sram PG990 11-32T
<b>Kette</b>	Sram PC971 108 Chain links
<b>Crankset</b>	Shimano LX FCM580 Hollowtech II, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano LX FCM580 Hollowtech II
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Mavic XM 517, black, 32 L
<b>Hubs</b>	Shimano XT HBM760(VR), FHM760 (HR)
<b>Spokes</b>	DT black DD
<b>Front tire</b>	Schwalbe Racing Ralph light 2,25
<b>Rear tire</b>	Schwalbe Nobby Nic light 2,25
<b>Inner tubes</b>	Schwalbe extra light AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Selle Italia XR
<b>Seatpost</b>	RFR Prolite, Ø 31,6mm
<b>Seat clamp</b>	Scape, black, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca. 10,60 kg (smallest size without pedals)

Subject to alterations

# 18 LTD SL

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



LTD  
SERIES



## Features

- Frames built from 7005 aluminium, double butted, welded gussets in stress areas
- RFR geometry for the best handling
- Frame weight from 1600g
- Scratch resistant anodised finish
- Replaceable Frame Safe System mech hanger
- 3D dropouts for added rigidity
- CNC machined disc brake mounts
- Rockshox Tora 318 air, 80mm travel, Motion Control, remote lockout
- Hydraulic Formula Oro K18 disc brakes
- Schwalbe Nobby Nic and Racing Ralph tyres for traction

## Intended Use

- Marathon, Enduro, Fitness

## Things to keep in mind

- Bestseller in this price category, equipped with the highly regarded Formula Oro brakes

## Test Results

- Bike August 2006, German magazine Bike rates the LTD Team as one of the best bikes from 2006. "A stiff frame, spot on geometry transfer all energy into forward motion"
- Mountainbike Plus April 2006: The LTD Team wins the back to back test with all major competitors.
- Dirty Pages July 2006: "If you want the best value for money there is no other choice."

## Replacement Parts

- Mech hanger #123

**ajánlott fogyasztói ár (árfával)**  
**270 000 Ft**

## Specs

## LTD Team

<b>Frame</b>	ALU 7005, double butted RFR Geometry
<b>Size</b>	16", 18", 20", 22"
<b>Color</b>	deep blue anodized, black-polished powder coating
<b>Fork</b>	RockShox Tora 318 Air black, 80mm
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	FSA, OS-170
<b>Handlebar</b>	FSA, XC 280 Riser
<b>Grips</b>	Profile double duometer
<b>Front brake</b>	Formula Oro K18 hydr. Disc brake (180mm)
<b>Rear brake</b>	Formula Oro K18 hydr. Disc brake (160mm)
<b>Brake Lever</b>	Formula Oro K18
<b>Front derialer</b>	Shimano LX, FDM 580 34,9mm Dualpull, Topswing
<b>Rear derialer</b>	Shimano XT, RDM761
<b>Shifter</b>	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50 11-32T
<b>Kette</b>	Shimano HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM540 Octalink, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-ES25 126mm
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Taurus black, 32L
<b>Hubs</b>	Shimano Deore Disc HBM525 (VR), FHM525(HR), 32 Loch
<b>Spokes</b>	DT black
<b>Front tire</b>	Schwalbe Nobby Nic light 2,25
<b>Rear tire</b>	Schwalbe Racing Ralph light 2,25
<b>Inner tubes</b>	Schwalbe extra light AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	FSA, SL 280, Ø 31,6mm
<b>Seat clamp</b>	Scape, black, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca.12,05kg elox, ca.12,45kg pulver (sm. Size)
Subject to alterations	

# 20 LTD TEAM

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



LTD  
SERIES



## Features

- Frames built from 7005 aluminium, double butted, welded gussets in stress areas
- RFR geometry for the best handling
- Frame weight from 1600g
- Scratch resistant anodised finish
- Replaceable Frame Safe System mech hanger
- 3D dropouts for added rigidity
- CNC machined disc brake mounts
- Rockshox Tora 318 coil, 80mm travel, Motion Control, remote lockout
- Schwalbe tyres for traction and comfort

## Intended Use

- Marathon, Enduro, Fitness

## Things to keep in mind

- Build with price and performance in mind, a serious sport bike.

## Test Results

- Mountainbike Magazine June 2006: The LTD Pro wins the test. "A top quality, lightweight anodised frame and a comfortable sporty geometry makes the Pro a super climber. Downhill you can point and turn in any direction you want"

## Replacement Parts

- Mech hanger #123

**ajánlott fogyasztói ár (áfával)**  
**243 000 Ft**

## Specs

## LTD Pro

<b>Frame</b>	ALU 7005, double butted RFR Geometry
<b>Size</b>	16", 18", 20", 22"
<b>Color</b>	black anodized, milky green powder coating
<b>Fork</b>	RockShox Tora 302Coil black, Travel 80mm, Poploc
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	FSA, OS-170
<b>Handlebar</b>	FSA, XC 280 Riser
<b>Grips</b>	Profile double duometer
<b>Front brake</b>	Magura Julie hydr. Disc brake (180mm)
<b>Rear brake</b>	Magura Julie hydr. Disc brake (160mm)
<b>Brake Lever</b>	Magura Julie
<b>Front derialer</b>	Shimano LX, FDM 580 34,9mm Dualpull, Topswing
<b>Rear derialer</b>	Shimano XT, RDM761
<b>Shifter</b>	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50, 11-32T
<b>Kette</b>	Shimano HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM540 Octalink, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-ES25
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Taurus black
<b>Hubs</b>	Shimano Deore Disc HBM525 (VR), FHM525(HR)
<b>Spokes</b>	DT Champion Black
<b>Front tire</b>	Schwalbe Racing Ralph 2,25
<b>Rear tire</b>	Schwalbe Racing Ralph 2,25
<b>Inner tubes</b>	Schwalbe Impac AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	FSA, SL 280, Ø 31,6mm
<b>Seat clamp</b>	Scape black, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca.12,75kg elox, ca.12,90 pulver (smallest size without pedals)
Subject to alterations	

# 22 LTD PRO

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



LTD  
SERIES



## Features

- Frames built from 7005 aluminium, double butted, welded gussets in stress areas
- RFR geometry for the best handling
- Frame weight from 1600g
- Scratch resistant anodised finish
- Replaceable Frame Safe System mech hanger
- 3D dropouts for added rigidity
- CNC machined disc brake mounts
- Magura HS33 rim brakes
- Rockshox Dart, 80mm travel, remote lockout
- Schwalbe Racing Ralph tyres

## Intended Use

- Marathon, Enduro, Fitness

## Things to keep in mind

- This was without doubt the best selling model for 2006

## Replacement Parts

- Mech hanger #123

**ajánlott fogyasztói ár (áféval)**  
**216 000 Ft**

## Specs

## LTD Comp

<b>Frame</b>	ALU 7005, double butted RFR Geometry
<b>Size</b>	16", 18", 20", 22"
<b>Color</b>	pearl grey powder coating, sunset anodized
<b>Fork</b>	RockShox Dart 3 black, Travel 80mm, Poploc
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	FSA, OS-170
<b>Handlebar</b>	FSA, XC 280 Riser
<b>Grips</b>	Profile double duometer
<b>Front brake</b>	Magura HS33 hydr. Caliper brake
<b>Rear brake</b>	Magura HS33 hydr. Caliper brake
<b>Brake Lever</b>	Magura HS33
<b>Front derialer</b>	Shimano LX, FDM 580 34,9mm Dualpull, Topswing
<b>Rear derialer</b>	Shimano XT, RDM761
<b>Shifter</b>	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50, 11-32T
<b>Kette</b>	Shimano HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM442 Octalink silver, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-ES25
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Sphinx black 26"
<b>Hubs</b>	Shimano LX HBM580(VR), FHM580(HR)
<b>Spokes</b>	DT Stainless 2.0
<b>Front tire</b>	Schwalbe Racing Ralph 2,25
<b>Rear tire</b>	Schwalbe Racing Ralph 2,25
<b>Inner tubes</b>	Schwalbe Impac AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	FSA, SL 280, Ø 31,6mm
<b>Seat clamp</b>	Scape black, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca.12,80kg elox, ca.12,95kg pulver (kl. RH o.PD)
Subject to alterations	

# 24 LTD COMP

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



LTD  
SERIES



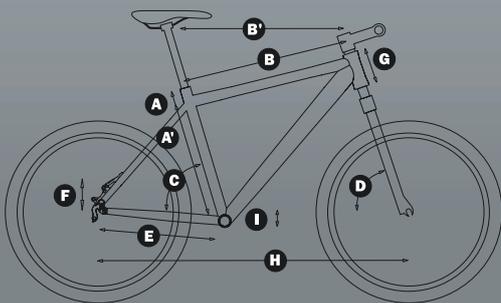
## The Comp Series – around from the start

The bikes in the comp series are serious mountainbikes at an attractive price.

It's our goal to build an entry level mountainbike which you can still enjoy when your skills are ready for the next level. To make this possible we use well thought out components and offer you the very best at this price point.

We offer 14" frames to cater for the young riders out there. This frame size is the missing link between a kid's bike and full size mountainbikes.

The Comp series contains the ideal bikes for enthusiastic recreational riding and has a proven reputation.



Frame size		14"	16"	18"	20"	22"	Lady
Seat tube [mm]	A	360	410	460	510	560	460
Seat tube Center [mm]	A'	305	355	405	455	505	405
Top tube [mm]	B	513	529	549	574	591	549
Top tube Horizontal [mm]	B'	527	550	572	596	610	572
Seat angle [Grad]	C	73,5	73,5	73,5	73,5	73,5	73,5
Head tube angle [Grad]	D	71,0	71,0	71,0	71,0	71,0	71,0
Chain stay [mm]	E	420	420	420	420	420	420
Head tube [mm]	G	100	120	140	160	180	140
Wheelbase [mm]	H	1007	1030	1053	1079	1094	1053
BB offset [mm]	I	-35	-35	-35	-35	-35	-35

The Comp series frame runs a shorter toptube for extra comfort, the RFR geometry keeps the bikes agile and stable.

The frame allows the fitting of racks.

Cable routing underneath the toptube.

Frames built from 7005 aluminium and feature welded gussets where the stress is highest. The frames are continually developing.

Replaceable mech hanger.



## Features

- Frames built from 7005 aluminium, welded gussets
- RFR geometry
- Available in many different sizes
- Durable paint finish
- Replaceable mech hanger
- Magura HS 11 rim brake or Hayes HFX disc brake
- Rockshox Dart, 80mm travel, remote lockout
- Schwalbe Smart Sam tyres
- Shimano XT rear mech

## Things to keep in mind

- Particularly suited for the ambitious recreational and fitness enthusiasts
- From a kid's bike to a serious full size adult bike, the 14" makes it all possible

## Replacement Part

- Mech hanger #101

## Intended Use

- Cross Country, Fitness, Recreation

### ajánlott fogyasztói ár (áfával)

189 000 Ft

197 000 Ft

### Specs

### Acid HS11

### Acid Disc

<b>Frame</b>	ALU 7005 RFR Geometry	ALU 7005 RFR Geometry
<b>Size</b>	14", 16", 18", 20", 22", Lady 18"	14", 16", 18", 20", 22", Lady 18"
<b>Color</b>	black	black
<b>Fork</b>	RockShox Dart 3 black, Travel 80mm,	RockShox Dart 3 black, Travel 80mm,
<b>Rear shock</b>		
<b>Headset</b>	Ritchey Zero Logic semi-integrated	Ritchey Zero Logic semi-integrated
<b>Stem</b>	Ritchey	Ritchey
<b>Handlebar</b>	Ritchey Riser	Ritchey Riser
<b>Grips</b>	Profile duometer	Profile duometer
<b>Front brake</b>	Magura HS 11 hydraulische Caliper brake	Hayes HFX 9 hydr. Disc brake (180mm)
<b>Rear brake</b>	Magura HS 11 hydraulische Caliper brake	Hayes HFX 9 hydr. Disc brake (160mm)
<b>Brake Lever</b>	Magura HS 11	Hayes HFX 9
<b>Front derialer</b>	Shimano LX, FDM 580 34,9mm Dualpull, Topswing	Shimano LX, FDM 580 34,9mm Dualpull, Topswing
<b>Rear derialer</b>	Shimano XT, RDM761	Shimano XT, RDM761
<b>Shifter</b>	Shimano Deore SLM511	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50, 11-32T	Shimano Deore HG50, 11-32T
<b>Kette</b>	Kette HG 53, 108 Chain links	Kette HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM442 silver, 175mm	Shimano FCM442 silver, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-UN26	Shimano BB-UN26
<b>Pedals</b>	Fasten Alu	Fasten Alu
<b>Rim</b>	Rigida Sphinx, black 26"	Rigida Sphinx Disc, black 26"
<b>Hubs</b>	Shimano Deore HBM530(VR), FHM530(HR)	Shimano Disc HBM475(VR), FHM475(HR)
<b>Spokes</b>	DT Stainless 2.0	DT Stainless 2.0
<b>Front tire</b>	Schwalbe Smart Sam 2,25	Schwalbe Smart Sam 2,25
<b>Rear tire</b>	Schwalbe Smart Sam 2,25	Schwalbe Smart Sam 2,25
<b>Inner tubes</b>	Schwalbe Impac AV 57-559	Schwalbe Impac AV 57-559
<b>Rim tape</b>	Schwalbe 22-559	Schwalbe 22-559
<b>Saddle</b>	Scape Active4	Scape Active4
<b>Seatpost</b>	Scape light, black, Ø 31,6mm	Scape light black, Ø 31,6mm
<b>Seat clamp</b>	Scape, Ø 34,9mm	Scape, Ø 34,9mm
<b>Misc.</b>		
<b>Weight</b>	ca. 12,60 kg (smallest size without pedals)	ca. 12,80 kg (smallest size without pedals)

Subject to alterations



COMP  
SERIES



## Features

- Frames built from 7005 aluminium, welded gussets
- RFR geometry
- Available in many different sizes
- Durable paint finish
- Replaceable mech hanger
- Magura HS 11 rim brake
- Suntour XCM, 80mm travel, lockout
- Shimano Deore hubs
- Strong lightweight wheels
- Schwalbe Smart Sam tyres
- Shimano XT rear mech

## Intended Use

- Cross Country, Fitness, Recreation

## Things to keep in mind

- Particularly suited for the ambitious recreational and fitness enthusiasts
- From a kid's bike to a serious full size adult bike, the 14" makes it all possible

## Replacement Part

- Mech hanger #101

**ajánlott fogyasztói ár (árfával)**  
**170 000 Ft**

### Specs

### Attention

<b>Frame</b>	ALU 7005 RFR Geometry
<b>Size</b>	14", 16", 18", 20", 22", Lady 18"
<b>Color</b>	white / silver
<b>Fork</b>	Suntour XCM-LO, 80mm, Lockout
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	Ritchey
<b>Handlebar</b>	Humpert Riser
<b>Grips</b>	Profile duometer
<b>Front brake</b>	Magura HS 11 hydraulische Caliper brake
<b>Rear brake</b>	Magura HS 11 hydraulische Caliper brake
<b>Brake Lever</b>	Magura HS 11
<b>Front derialer</b>	Shimano LX, FDM 580 34,9mm, Dualpull, Topswing
<b>Rear derialer</b>	Shimano XT, RDM761
<b>Shifter</b>	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50, 11-32T
<b>Kette</b>	Shimano HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM442 silver, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-UN26
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Sphinx, black 26"
<b>Hubs</b>	Shimano Deore HBM530(VR), FHM530(HR)
<b>Spokes</b>	DT Stainless 2.0
<b>Front tire</b>	Schwalbe Smart Sam 2,25
<b>Rear tire</b>	Schwalbe Smart Sam 2,25
<b>Inner tubes</b>	Schwalbe Impac AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	Scape Light, black, Ø 31,6mm
<b>Seat clamp</b>	Scape, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca. 13,15 kg (smallest size without pedals)
Subject to alterations	

# 30 ATTENTION

RACE MARATHON TOUR ALL MOUNTAIN ENDURO FREERIDE CUBE



COMP  
SERIES



## Features

- Frames built from 7005 aluminium, welded gussets
- RFR geometry
- Available in many different sizes
- Durable paint finish
- Replaceable mech hanger
- Shimano v-brakes
- Suntour XCM, 80mm travel, lockout
- Strong lightweight wheels
- Schwalbe Smart Sam tyres

## Things to keep in mind

- Particularly suited for the ambitious recreational and fitness enthusiasts
- From a kid's bike to a serious full size adult bike, the 14" makes it all possible

## Replacement Part

- Mech hanger #101

## Intended Use

- Cross Country, Fitness, Recreation

**ajánlott fogyasztói ár (árfával)**  
**135 000 Ft**

### Specs

### Analog

<b>Frame</b>	ALU 7005 RFR Geometry
<b>Size</b>	14", 16", 18", 20", 22", Lady 18"
<b>Color</b>	black-silver
<b>Fork</b>	Suntour XCM-LO, 80mm Travel, Lockout
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	Scape Alu light
<b>Handlebar</b>	Humpert Riser
<b>Grips</b>	Profile duometer
<b>Front brake</b>	Shimano V-Brake Alivio BRM 421
<b>Rear brake</b>	Shimano V-Brake Alivio BRM 421
<b>Brake Lever</b>	Shimano BLM420
<b>Front derialer</b>	Shimano Deore FDM 510, Dualpull, Topswing
<b>Rear derialer</b>	Shimano Deore RDM 511
<b>Shifter</b>	Shimano Deore SLM511
<b>Cassette Sprocket</b>	Shimano Deore HG50 11-32 Z
<b>Kette</b>	Shimano HG 53, 108 Chain links
<b>Crankset</b>	Shimano FCM 440 black, 175mm
<b>Chainrings</b>	Shimano 22T, 32T, 44T
<b>BBset</b>	Shimano BB-TS30
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Sphinx, black 26"
<b>Hubs</b>	Shimano Altus HB-RM40(VR), FH-RM30(HR)
<b>Spokes</b>	DT Stainless 2.0
<b>Front tire</b>	Schwalbe Fast Fred 2,25
<b>Rear tire</b>	Schwalbe Fast Fred 2,25
<b>Inner tubes</b>	Schwalbe Impac AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	Scape light, black, Ø 31,6mm
<b>Seat clamp</b>	Scape, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca. 13,10 kg (smallest size without pedals)

Subject to alterations



COMP  
SERIES



## Features

- Frames built from 7005 aluminium, welded gussets
- Short toptube for added comfort
- RFR geometry
- Available in many different sizes
- Durable paint finish
- Replaceable mech hanger
- Shimano v-brakes
- Suntour XCM, 80mm travel, lockout
- Strong lightweight wheels
- Schwalbe Smart Sam tyres

## Things to keep in mind

- Particularly suited for the ambitious recreational and fitness enthusiasts
- From a kid's bike to a serious full size adult bike, the 14" makes it all possible

## Replacement Part

- Mech hanger #101

## Intended Use

- Cross Country, Fitness, Recreation

**ajánlott fogyasztói ár (áféval)**  
**108 000 Ft**

## Specs

## Aim

<b>Frame</b>	ALU 7005 RFR Geometry
<b>Size</b>	14", 16", 18", 20", 22", Lady 18"
<b>Color</b>	black
<b>Fork</b>	Suntour XCM, Travel 80mm
<b>Rear shock</b>	
<b>Headset</b>	Ritchey Zero Logic semi-integrated
<b>Stem</b>	Scape Alu light
<b>Handlebar</b>	Humpert Riser
<b>Grips</b>	Profile duometer
<b>Front brake</b>	Shimano V-Brake Alivio BRM 421
<b>Rear brake</b>	Shimano V-Brake Alivio BRM 421
<b>Brake Lever</b>	Shimano STI ST-EF50
<b>Front derialer</b>	Shimano Alivio FDM410, Dualpull
<b>Rear derialer</b>	Shimano Alivio RDM410, 8-Speed, silver
<b>Shifter</b>	Shimano STI ST-EF50
<b>Cassette Sprocket</b>	Shimano HG30, 8-Speed, 11-32T
<b>Kette</b>	Shimano HG 40, 106 Chain links
<b>Crankset</b>	Shimano FCM341, 170mm
<b>Chainrings</b>	Shimano 22T, 32T, 42T
<b>BBset</b>	Shimano BB-UN26
<b>Pedals</b>	Fasten Alu
<b>Rim</b>	Rigida Sphinx, black 26"
<b>Hubs</b>	Shimano Altus HB-RM40(VR), FH-RM30(HR)
<b>Spokes</b>	DT Stainless 2.0
<b>Front tire</b>	Semislick
<b>Rear tire</b>	Semislick
<b>Inner tubes</b>	AV 57-559
<b>Rim tape</b>	Schwalbe 22-559
<b>Saddle</b>	Scape Active4
<b>Seatpost</b>	Scape light black, Ø 31,6mm
<b>Seat clamp</b>	Scape, Ø 34,9mm
<b>Misc.</b>	
<b>Weight</b>	ca. 12,95 kg (smallest size without pedals)
Subject to alterations	



COMP  
SERIES

