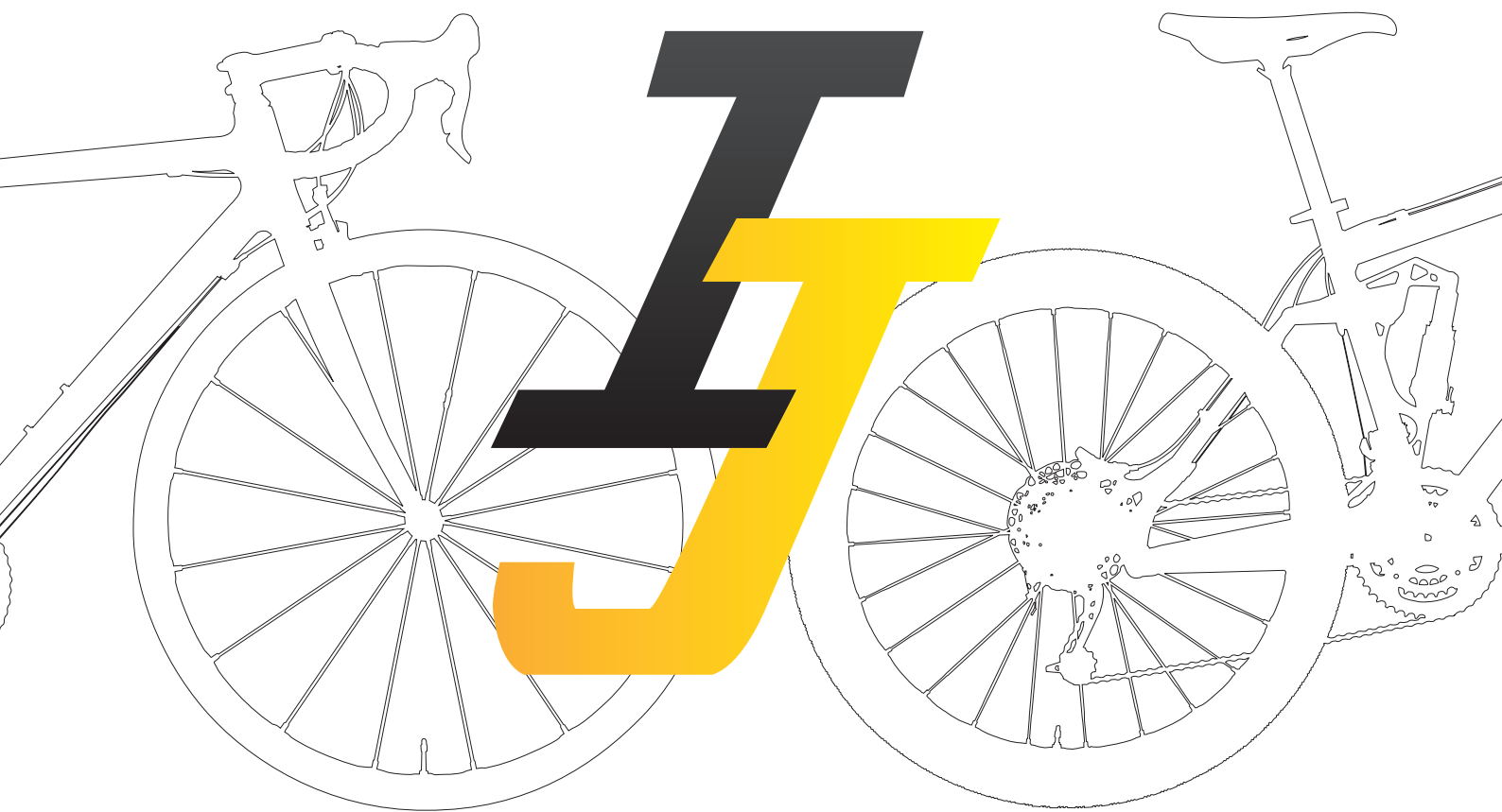




IJ ***InterJet***

OEM and ODM

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CONTENTS

Production & QC..... 3

Material..... 4

Welding 5

Frames 6

Components13





Production & QC

Facilities

6061/6066/6069/7005 Aluminum frames
Carbon frames
Carbon components (front fork/handlebar/seatpost/wheel/bottle cage)
R/D Design Group
Quality Total Control

Quality

EN testing
Qualified ISO 9001 (TUV-Cert), 2008
5S Championship
Incoming material Inspection
On Line Inspection
Final Product Sampling Inspection



Material

Material Performance

> Aluminin

Alloy		Code	Temper	UTS (Ultimate Tensile Strength) (Mpa)	YS (Tensile Yield Strength) (Mpa)	E (Elongation at Break) (%)	Strength	Weldability	Formability	Resistance to		Fatigue Strength	Micro- structure
										General	SCC		
AlMgSi	6061	6261	T6	330	295	14	C	A	A	B	A	C	C
	6066	A61	T6	393	359	12	B	A	B	B	B	B	B
	6069	A61	T6	396	361	10	B+	A	B	B	B	B	B
AlZnMg	7005	7005	T53	355	310	16	C	B	A	B	B	C	C

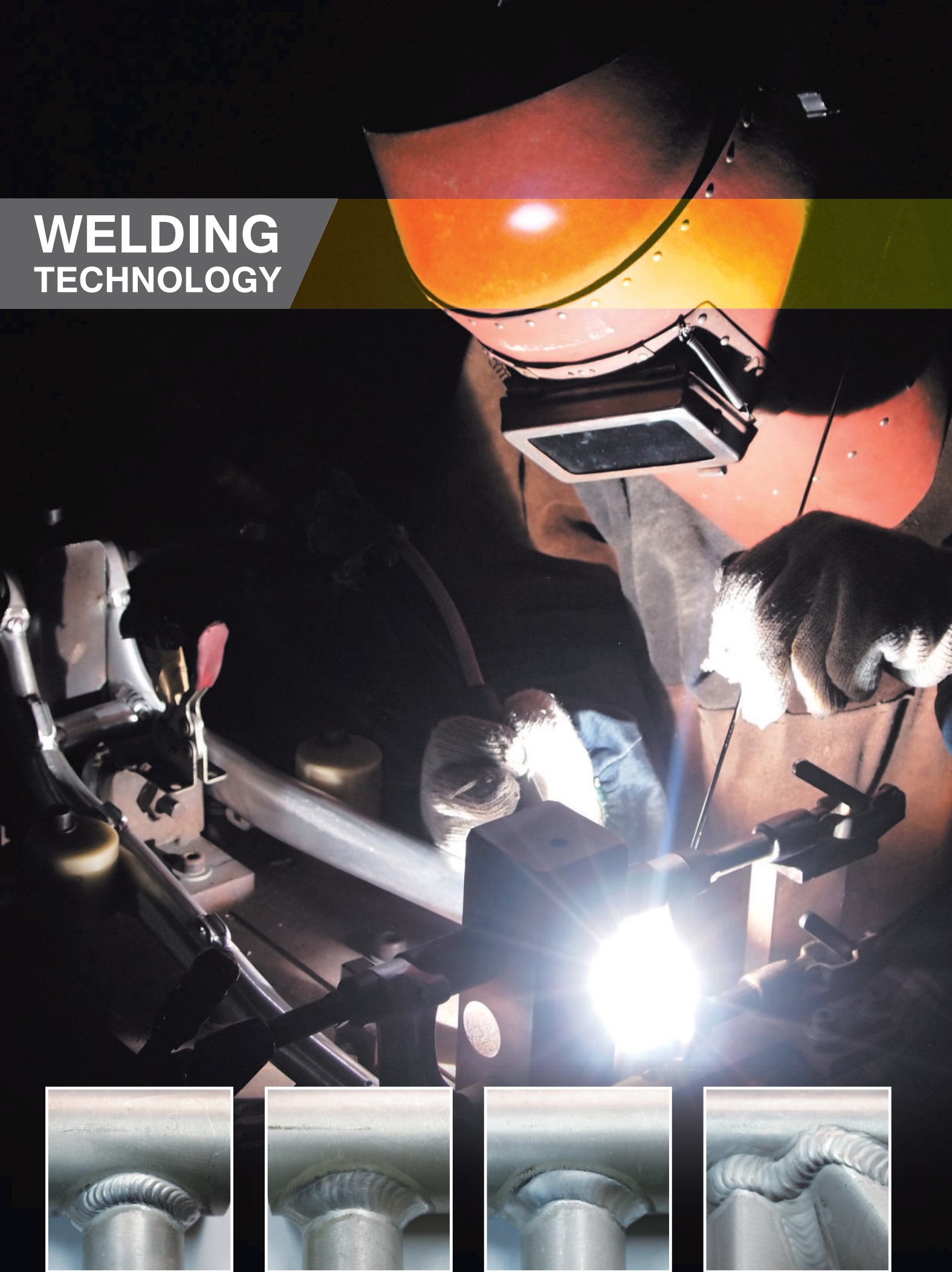
*K1c(T-L)=30.6(Mpa√m) A: Excellent B: Good C: Fair D: Poor

> Carbon

	Supplier	Item	Tensile Strength	Tensile Modulus	Elongation	Density
			Mpa	Gpa	%	g/ c m3
24T	Toho	HTA	3920	235	1.7	1.76
	Tairyfil	TC35	4000	240	1.6	1.80
24T	Toray	T700	4900	230	2.1	1.80
	MRC	TR50	4900	240	2.0	1.82
	Newport	34-700	4830	234	2.0	1.80
	Toho	UT500	5000	240	2.1	1.80
	Tairyfil	TC36	4680	250	1.9	1.81
30T	Toray	M30G	5490	294	1.9	1.73
	MRC	MR60	5800	295	1.9	1.81
	Toho	IM600	5790	285	2.0	1.80
	Tairyfil	TC42	4890	290	1.7	1.80
40T	Toray	M40JB	4400	377	1.2	1.77
	MRC	HR40	4610	390	1.2	1.82
	Toho	UM40	4900	382	1.3	1.79
46T	MRC	HS40	4610	455	1.0	1.85

WELDING TECHNOLOGY

FRAMES



TIG



Double



Smooth

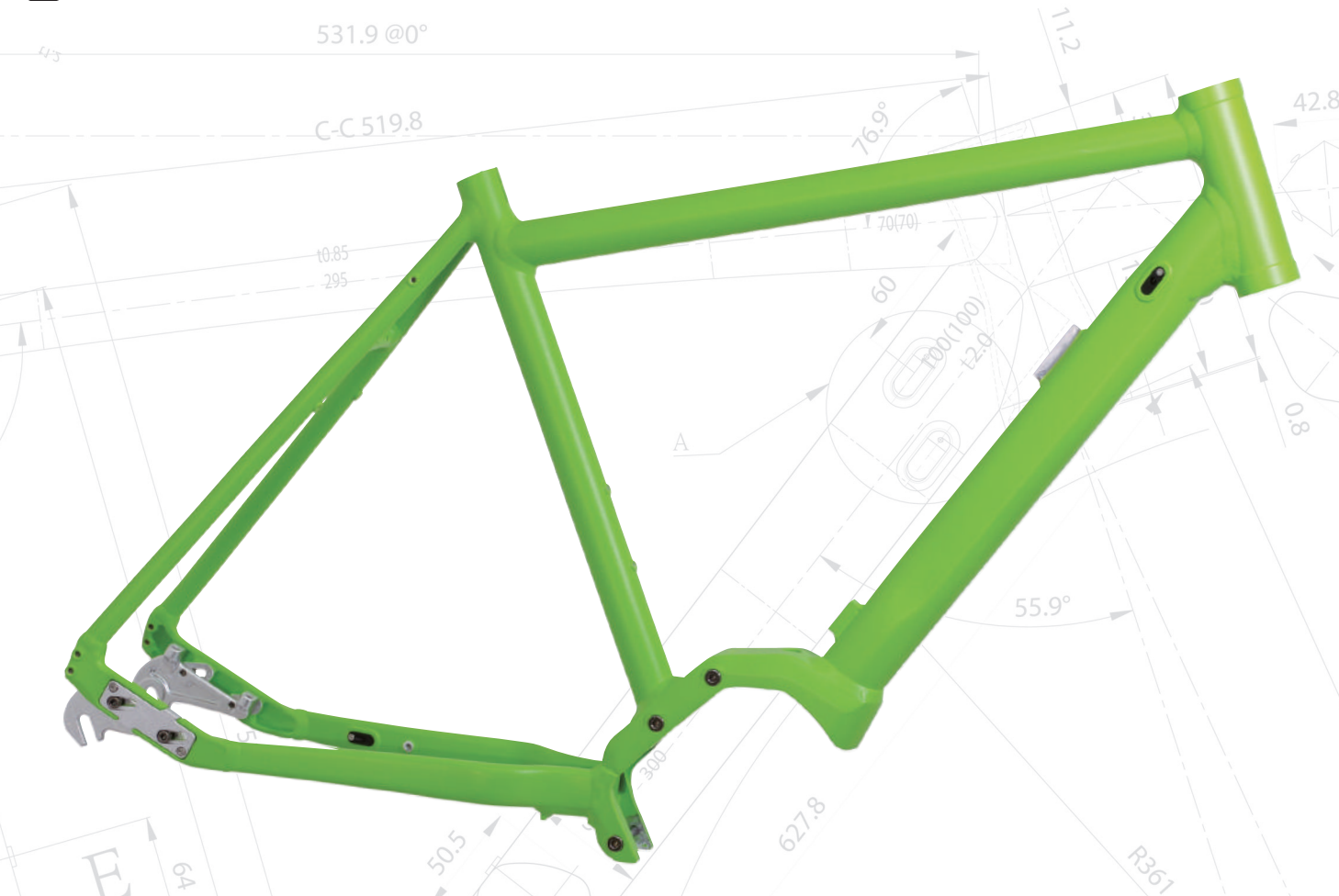


Big Pulse



TRM-04

AL7005 26" SHIMANO STEPS



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
18"	612mm	530mm	69°	70°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
50mm	160mm	425mm	632mm	475mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	2600g(53cm)	1102mm	In All Popular Size	China
Features				
■ 1-1/8" H/T		■ Shimano STEPS Bracket	■ Internal Cable Routing	■ Max Tire Size 26"X2.35"
■ 31.6mm Seat Post		■ Belt Drive Compatible PM Dropout	■ For 160mm Disc Rotor	

SHM-11

AL7005 29" ATB



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
18"	600mm	460mm	73°	71°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
50mm	120mm	500mm	640mm	445mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	1750g(18")	1080mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Max Tire Size 29"X2.3"	
■ 31.6mm Seat Post		■ PM Disc Mount	■ For 180mm Disc Rotor	

SHM-10

AL7005 650B/29ER PINION ATB



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
18"	592mm	450mm	72.5°	71°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
50mm	115mm	500mm	654mm	445mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	2040g(45cm)	1092mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Pinion Mount Bracket	■ Max Tire Size 27.5"X 2.3" or 29"X2.3"	
■ 31.6mm Seat Post		■ PM Disc Mount	■ For 180mm Disc Rotor	



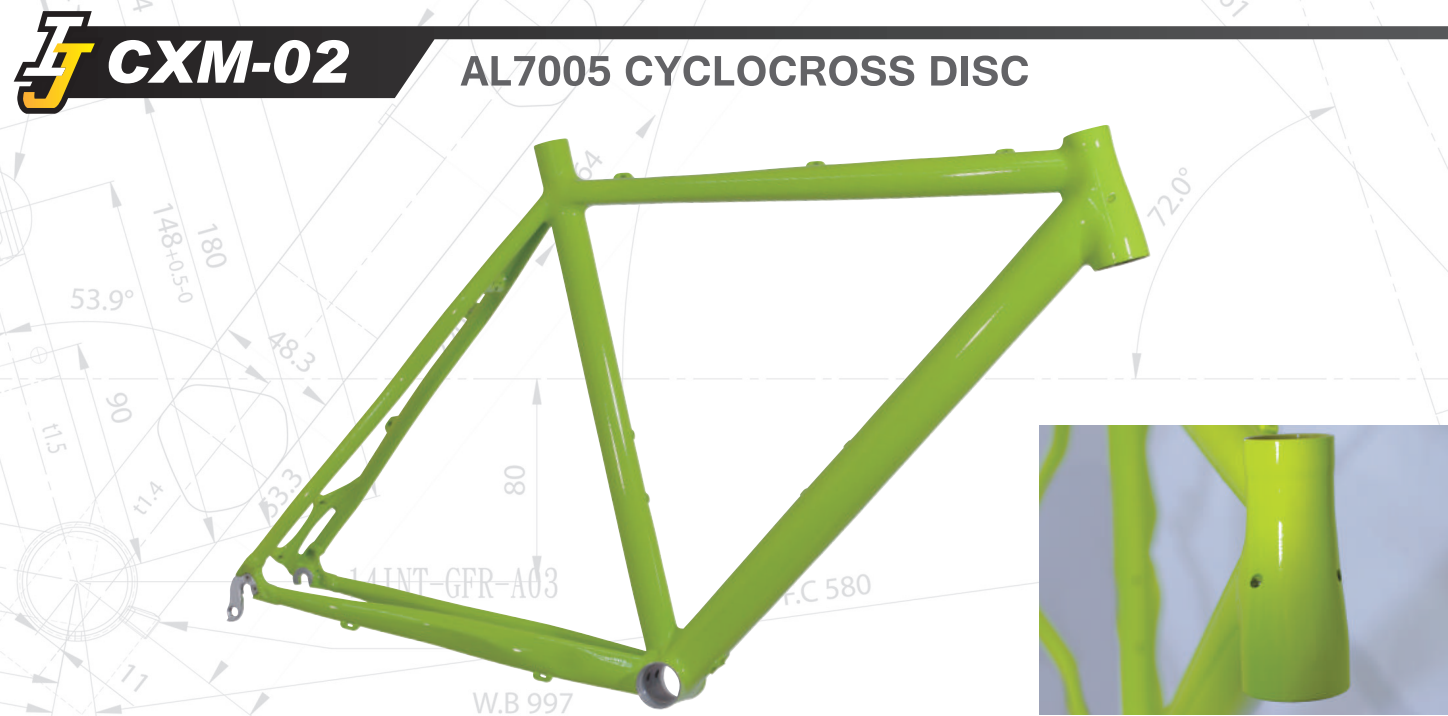
Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
54cm	550mm	540mm	73.5°	73°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
69mm	150mm	356mm	585mm	408mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	1390g(54cm)	983mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*28C		■ 27.2mm Seat Post		



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
53cm	540mm	530mm	74°	73°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
69mm	140mm	370mm	580mm	405mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	1450g(53cm)	975mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*25C		■ 27.2mm Seat Post		



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
52cm	532mm	520mm	74°	72°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
80mm	130mm	386mm	580mm	430mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	1550g(52cm)	997mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*42C		■ 27.2mm Seat Post	■ New Shimano Disc Mount	■ For 140mm Disc Rotor



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
54cm	540mm	540mm	74°	71.5°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
65mm	130mm	396mm	600mm	425mm
Material	Weight	Wheelbase	Sizes	Production
AL7005	1480g(54cm)	1017mm	In All Popular Size	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing	
■ Max Tire Size 700*40C		■ 31.6mm Seat Post	■ For 140mm Disc Rotor	

CRD-13

FULL CARBON 700C AERO ROAD



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
52cm	530mm	520mm	74°	71.5°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
70mm	115mm	364mm	535mm	400mm
Material	Weight	Wheelbase	Sizes	Production
HM CARBON	1040g(52cm)	972mm	50/52/53.5/55/57cm	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*28C		■ SPD-67 Aero Seatpost	■ FRD-45 Front Fork	

CRD-14

FULL CARBON 700C ROAD



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
54cm	545mm	540mm	74°	73°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
67mm	150mm	365mm	580mm	408mm
Material	Weight	Wheelbase	Sizes	Production
HM CARBON	980g(54cm)	979mm	49/52/54/56/58cm	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*25C		■ FRD-69 Front Fork		

CRD-12

FULL CARBON 700C CYCLO CROSS



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
48cm	545mm	480mm	73.5°	72.5°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
68mm	145mm	370mm	585mm	415mm
Material	Weight	Wheelbase	Sizes	Production
HM CARBON	1100g(48cm)	990mm	44/48/52/54/56cm	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Cable Routing (Di2 + Mechanical Compatible)	
■ Max Tire Size 700*25C		■ 27.2mm Seatpost	■ FRD-32 Front Fork	■ PM Disc Brake Mount for 160mm Rotor

CHD-05

FULL CARBON 29ER ATB



Geometry				
Size	T/T Length	Seat Tube (C-T)	Seat Tube Angle	Head Tube Angle
48cm	620mm	480mm	73°	72°
BB Drop	H/T Length	Fork Length	Front Center	Rear Center
70mm	125mm	492mm	678mm	440mm
Material	Weight	Wheelbase	Sizes	Production
HM CARBON	1080g(44cm)	1108mm	44/48/52cm	China
Features				
■ 1-1/8" ~ 1-1/2" Tapered H/T		■ Shimano Press Fit BB	■ Internal Shift Cable Routing	■ Max Tire Size 29"X2.5"
■ 31.6mm Seatpost		■ 34.9mm FD Clamp	■ FMD-72 Front Fork	■ PM Disc Brake Mount for 180mm Rotor

COMPONENTS

FRD-69 FULL CARBON ROAD FORK

FMD-72 FULL CARBON 29ER FORK



Specification	
Size	Stem
700C	1-1/8" Tapered 1.5"
Steerer Length	Fork Length
300mm	365mm
Offset	Tire Clearance
45mm	33mm
Material	Weight
Full Carbon	380g
Production	
China	
Features	
■ Monocoque Carbon	■ Light Weight



Specification	
Size	Stem
29"	1-1/8" Tapered 1.5"
Steerer Length	Fork Length
300mm	470mm
Offset	Tire Clearance
40mm	74mm
Material	Weight
Full Carbon	630g
Production	
China	
Features	
■ Monocoque Carbon	■ Post Mount for 180mm Disc Brake Rotor

FRD-32

FULL CARBON CYCLOCROSS FORK



Specification	
Size	700C
Stem	1-1/8" Tapered 1.5"
Steerer Length	300mm
Fork Length	366mm
Offset	45mm
Tire Clearance	37mm
Material	Full Carbon
Weight	430g
Production	China
Features	
■ Monocoque Carbon	
■ Post Mount for 160mm Disc Brake Rotor	
■ Internal Brake Hose Routing	

FRD-44

FULL CARBON CYCLOCROSS FORK



Specification	
Size	700C
Stem	1-1/8" Tapered 1.5"
Steerer Length	300mm
Fork Length	396mm
Offset	47.3mm
Tire Clearance	57mm
Material	Full Carbon
Weight	482g
Production	China
Features	
■ Monocoque Carbon	
■ New Shimano Road Disc Mount for 140mm Disc Brake Rotor	
■ Internal Brake Hose Routing	

FRD-43

FULL CARBON ROAD DISC FORK



Specification	
Size	700C
Stem	1-1/8" Tapered 1.5"
Steerer Length	300mm
Fork Length	386mm
Offset	45mm
Tire Clearance	51.6mm
Material	Full Carbon
Weight	475g
Production	China
Features	
■ Monocoque Carbon	
■ New Shimano Road Disc Mount for 140mm Disc Brake Rotor	
■ Internal Brake Hose Routing	
■ Best Matching for Gravel Road Bike	

FRD-45

FULL CARBON ROAD FORK



Specification	
Size	700C
Stem	1-1/8" Tapered 1.5"
Steerer Length	300mm
Fork Length	366.2mm
Offset	45.5mm
Tire Clearance	33mm
Material	Full Carbon
Weight	410g
Production	China
Features	
■ Monocoque Carbon	
■ Light Weight	

DHD-18

CARBON DROP HANDLE BAR



Specification		
Size	Drop	Reach
36/38/40/42cm	130mm	75mm
Clamp Size	Weight	Material
31.8mm	209g (36cm)	CARBON
Production		
China		
Features		
■ Ergonomic Design		

DHD-21

CARBON DROP HANDLE BAR



Specification		
Size	Drop	Reach
36/38/40/42cm	115mm (36/38), 125mm (40/42)	71mm (36/38), 80mm (40/42)
Clamp Size	Weight	Material
31.8mm	228g (36cm)	CARBON
Production		
China		
Features		
■ Smaller Diameter for Easy Braking		

DHD-29

FULL CARBON CYCLOCROSS FORK



Specification		
Size	Drop	Reach
36/38/40/42cm	120/124/126/129mm	65/67/71/73mm
Clamp Size	Weight	Material
26/31.8mm	187g (40cm)	CARBON
Production		
China		
Features		
■ 30 Degrees Drop Angle		
■ 5.8 Degrees Backward Curved Shoulder		

DHD-36

CARBON GRAVEL HANDLE BAR



Specification		
Size	Drop	Reach
40/44/48cm	108mm	40mm
Clamp Size	Weight	Material
31.8mm	220g (44cm)	CARBON
Production		
China		
Features		
■ Super Short Reach Design		
■ Designed for Gravel Long Ride		

SPD-38

CARBON SEAT POST

Specification

Size

27.2/31.6mm

Saddle Rail

43mm

Offset

25mm

Length

300mm

Weight

232g (27.2mm)

Material

CARBON

Production

China

Features

■ High Stiffness for MTB/CX USE

27

27.4

SPD-48

CARBON SEAT POST

Specification

Size

27.2/31.6mm

Saddle Rail

43mm

Offset

25mm

Length

300mm

Weight

209g (27.2mm)

Material

CARBON

Production

China

Features

■ Aero Shape

33.3

Ø1

6.4

18°

局部放大视图

SPD-64

CARBON ZERO OFFSET SEAT POST

Specification

Size

27.2/31.6mm

Saddle Rail

43mm

Offset

0mm

Length

300mm

Weight

189g (27.2mm)

Material

CARBON

Production

China

Features

■ Zero Offset Design

400

330

Ø27.20.05

SPD-72

CARBON SLIDE ADJUST SEAT POST

Specification

Size

27.2/31.6mm

Saddle Rail

43mm

Offset

+7.3mm ~ -18.5mm

Length

300mm

Weight

233g (27.2mm)

Material

CARBON

Production

China

Features

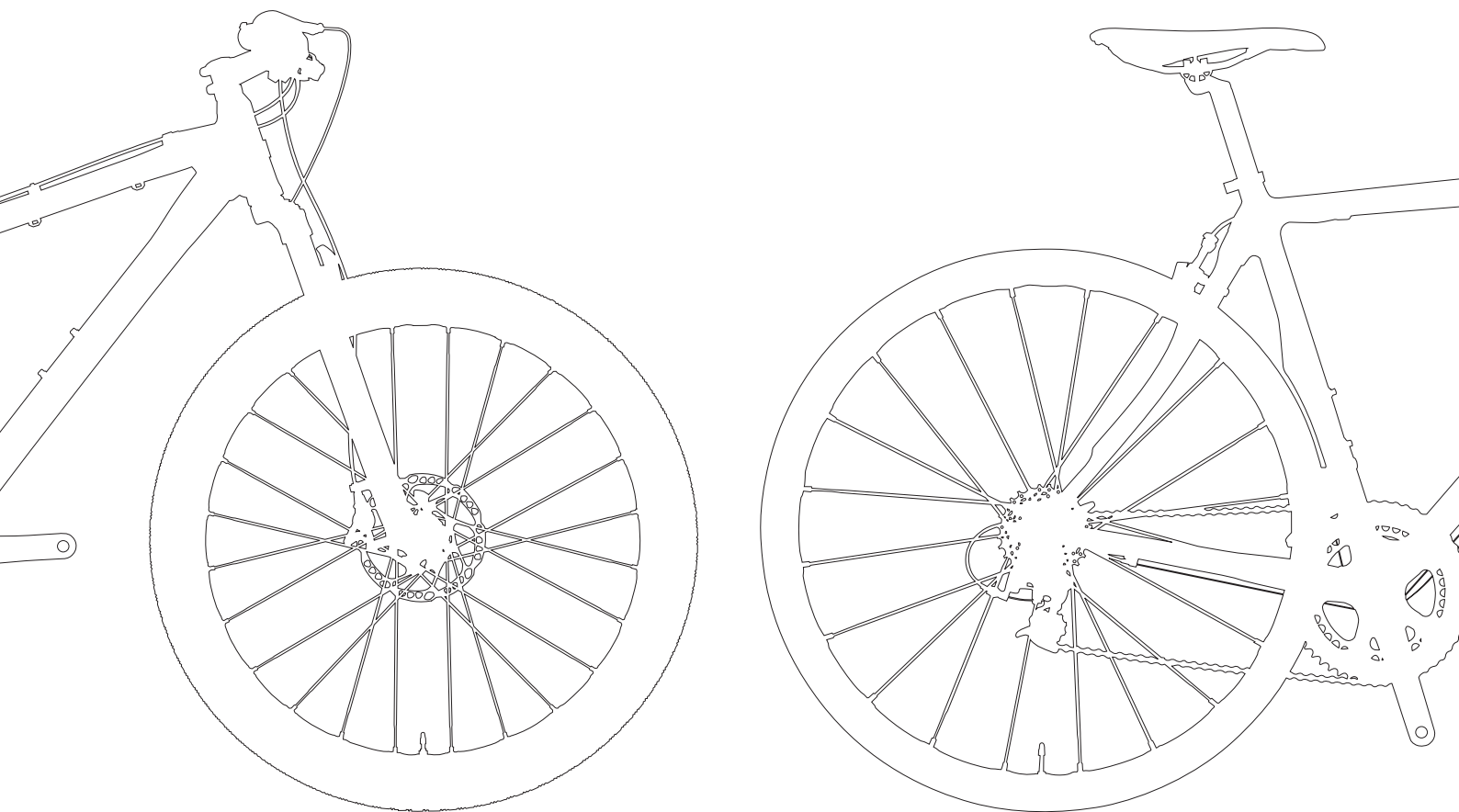
■ 25.8mm Adjustable Offset Design

330

MEMO

17Components

Memo18



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