

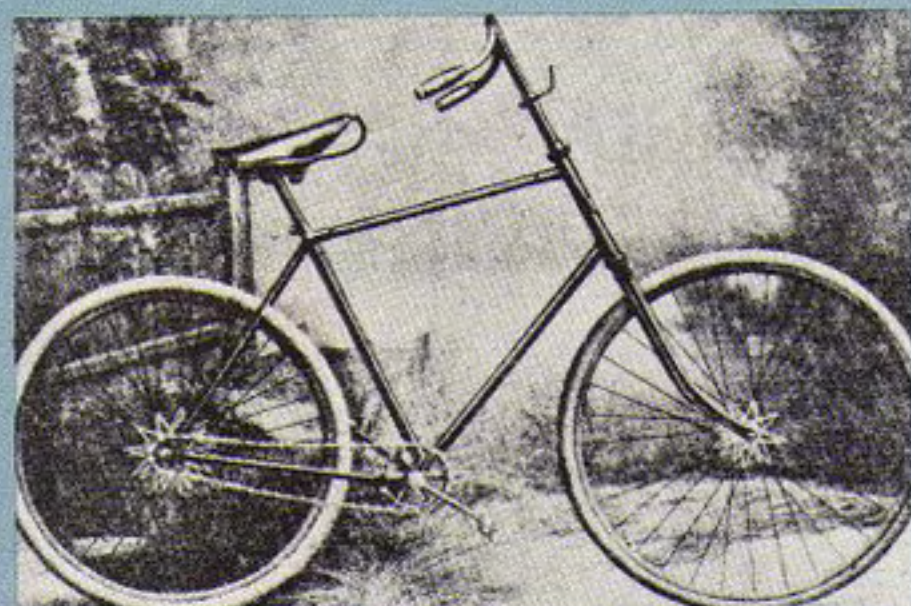
Quality Bicycles Since 1890

MIVATA



1983 EDITION

Quality Bicycles Since 1890



The First Japanese made bicycle produced by MIYATA in 1890.

MIYATA World Class Bicycles

MIYATA . . . a name known for fine craftsmanship and technology throughout the world.

Bicycle frames and components vary considerably. MIYATA tests theirs in competition. The Tour de France, the Paris Roubaix, the Gran Prix de Frankfort, all races that demand the absolute best from the rider . . . and from the bicycle.

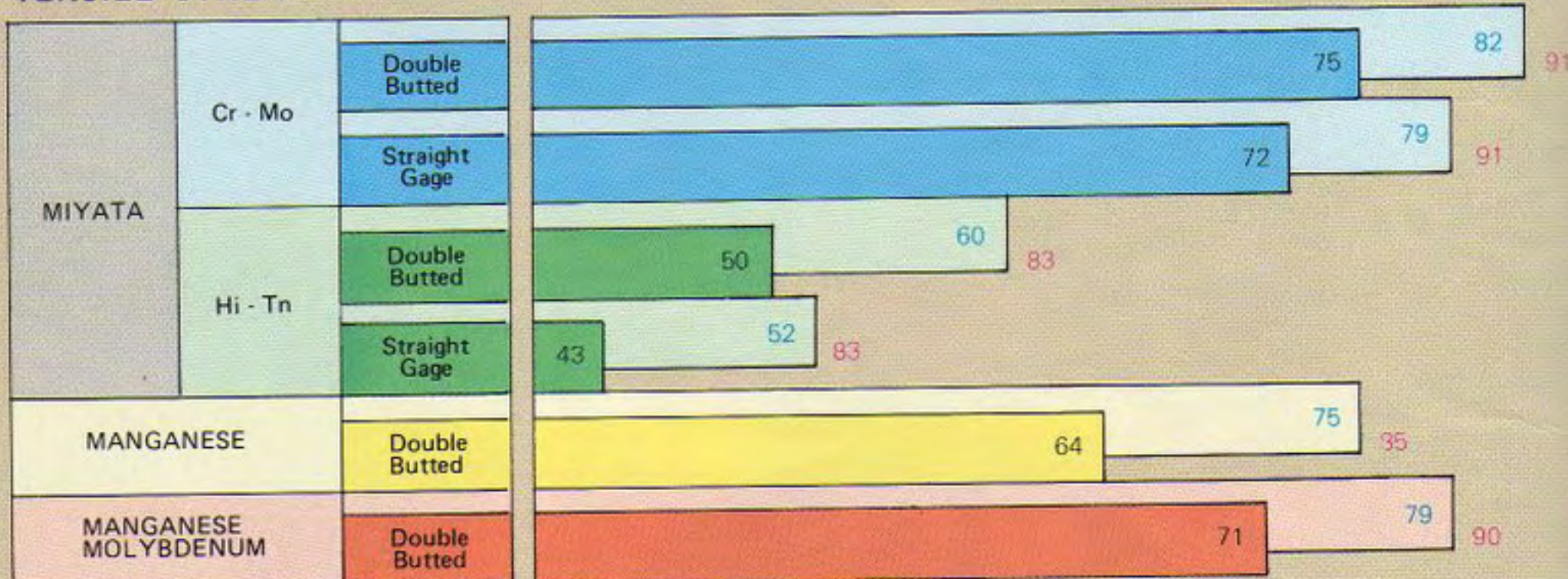
It is this "road testing" that gives us the

insight needed to improve our product. And we are constantly improving the MIYATA line of bicycles, not only by road testing but through the use of better production techniques, a constant search for new materials and by learning from you, the consumer. Our heritage of almost one century of bicycle manufacturing and our dedication to produce a quality line of bicycles is evident in every MIYATA bicycle.

What's Important?

Whether you are an experienced bicyclist or just starting you probably have heard that the frame is the single, most important part of the bicycle. It's true. The frame is the heart of the bicycle. We use Chromoly straight gauge and double-butted tubing. This results in an optimum weight-to-strength ratio. Ask your dealer whose frames cause the fewest frame related problems. We're sure his answer will be "MIYATA".

TENSILE STRENGTH



Chrome Molybdenum For Optimum Performance

Low carbon steel, high tension steel, manganese steel, manganese molybdenum steel and chrome molybdenum steel are the major materials used for brazed frames.

Chrome molybdenum steel (we call it Cr-Mo) provides the strongest tubing. Its post-brazing characteristic is reflected in the lightest frame with the thinnest tubing wall.

Most MIYATA bicycles use high quality Cr-Mo tubing and are assembled using sophisticated quality control systems.

Only MIYATA Machines Its Own Double Butted Tubing

Stress is not evenly distributed over the tubing during all kinds of riding. More stress occurs at the ends than at the mid-section. The double butted tubing (DB tubing) is the answer to this stress application. Its wall is thicker at the ends than at the mid-section.

DB tubing is manufactured by five specific tubing companies throughout the world. All bicycle manufacturers buy DB tubings for their bicycle frames. Only MIYATA "draws" DB tubing.

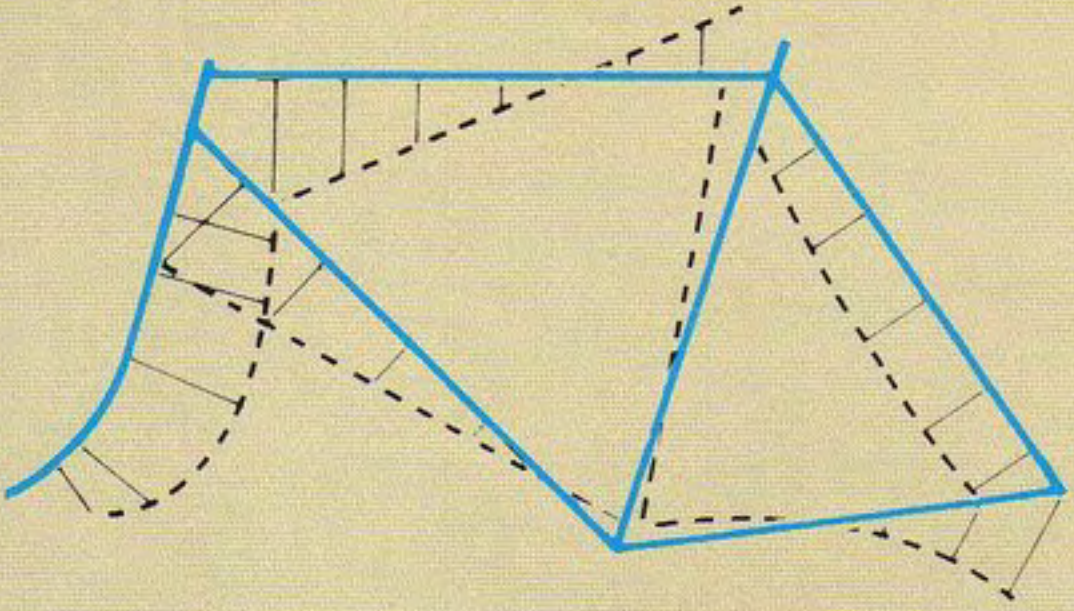


COMPOSITION

	MIYATA		MANGANESE	MANGANESE MOLYBDENUM
	Cr-Mo (SAE-4130)	Hi-Tn		
CARBON	0.26 ~0.33	max 0.12	0.10	0.23 ~0.29
SILICON	0.15 ~0.35	0.15 ~0.35	0.29	0.15 ~0.35
MANGANESE	0.40 ~0.85	max 0.90	1.40	1.25 ~1.45
PHOSPHORUS	max 0.03	0.06 ~0.12	0.19	max 0.045
SULPHUR	max 0.03		0.005	max 0.045
CHROMIUM	0.80 ~1.20			
MOLYBDENUM	0.15 ~0.25			0.15 ~0.25
COPPER		0.25 ~0.50		
TITANIUM		max 0.15		
ALUMINUM			0.022	
VANADIUM			0.05	
NIOBIUM			0.042	

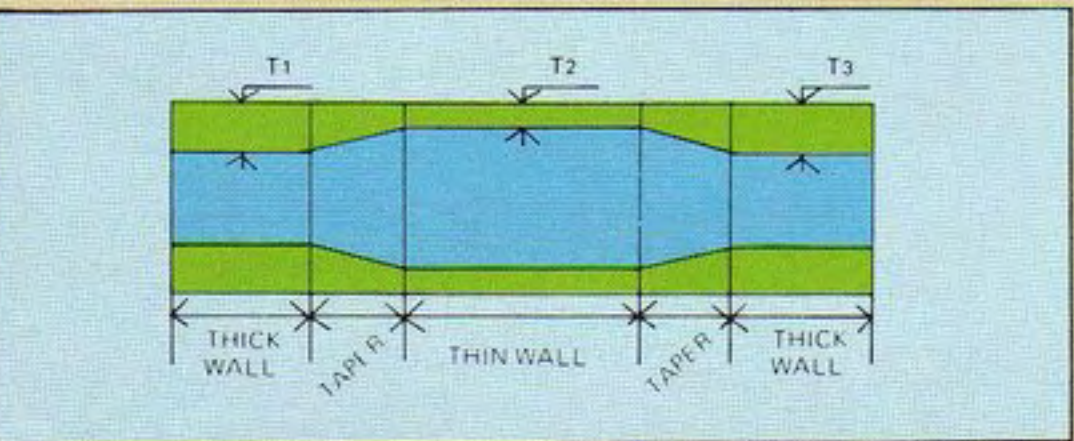
The excellent performance of MIYATA bicycles is due to DB tubings automatically drawn by a technique perfected and used only by MIYATA.

DISTRIBUTION FIGURES OF STRESS



in the figures, the portion between blue line (showing skeleton of frame) and dotted line of stress working in the frame.

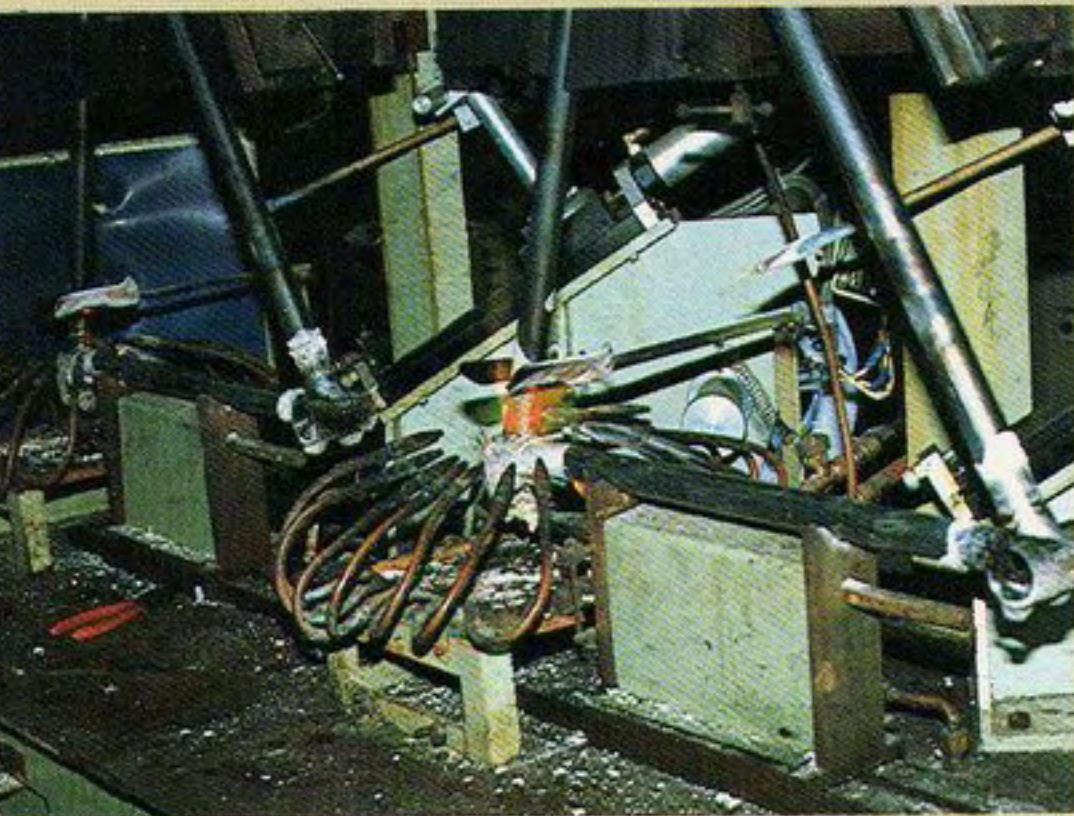
DOUBLE-BUTTED TUBING



	THICKNESS			WEIGHT (23" Frame)
	T1	T2	T3	
Cr - Mo	0.9	0.6	0.9	912g
Manganese	1.0	0.7	0.9	943g
Hi - Tn	1.2	0.9	1.2	1,113g

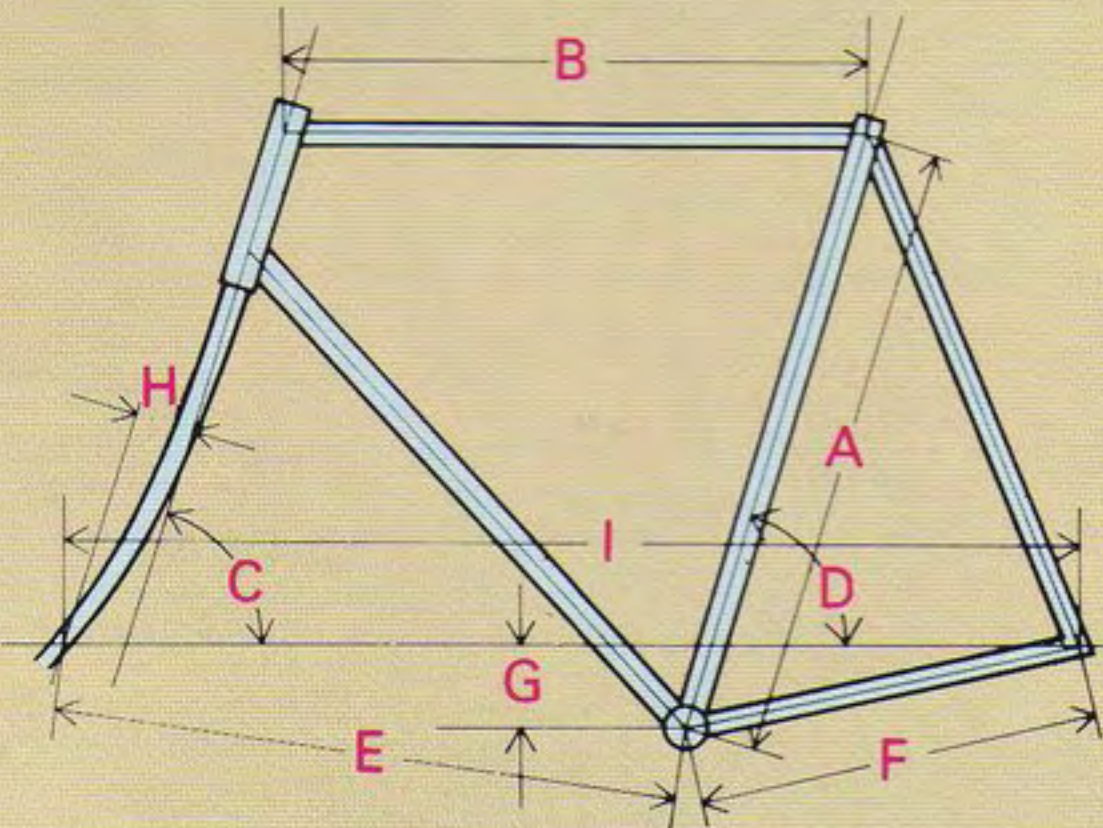
Computer Controlled Brazing System

High quality frames cannot be continuously produced by a skilled worker with a hand burner. The Cr-Mo tubing requires a stringent temperature control. Overheating or rapid cooling hardens the material and makes it brittle. MIYATA has created a computer controlled brazing system to ensure accurate temperature control for stable and quality Cr-Mo frame production, eliminating human errors.



Frame Geometry Changes with Intended Use

The heart of bicycle is the frame. The frame design is responsible for the performance and dictates the material and engineering techniques. Racers require a more upright seat tube, head tube and a shorter wheelbase than touring cycles. This assures stability and maneuverability at high speed riding. A reverse concept is applied to the frame geometry for touring cycles which require comfort and baggage carrying characteristics. Every different MIYATA model is built with a frame geometry designed for a specific use.



FRAME GEOMETRY CHART

SERIES	MODEL	FRAME SIZE	A	B	C	D	E	F	G	H	I
PROFESSIONAL RACING	AERO-MIYATA	DD 580mm	598	550	73°	74°	594	413	69	50	997
	TEAM-MIYATA	DD 580mm	550	550	73°	74°	590	413	71	45	992
	PRO-MIYATA	570mm	560	565	73°	74°	599	410	70	40	999
	1200	570mm	560	565	73°	74°	600	410	68	40	1,001
SEMI-PRO	912	570mm	560	565	73°	74°	600	413	71	40	1,003
	710	23"	566	550	73°	74°	596	415	62	45	1,003
	310	23"	566	565	73°	73°	600	430	67	50	1,021
GRAN TOURING	1000	23"	567	550	72°	72°	589	430	66	55	1,010
	610	23"	566	565	73°	73°	600	450	70	50	1,040
	210	23"	566	565	72°	72°	609	430	67	60	1,030
ALL-ROUND SPORTS	110	23"	566	565	72°	72°	609	430	67	60	1,030
	100	23"	566	565	72°	72°	609	430	67	60	1,030
	90	23"	566	565	72°	72°	609	430	67	60	1,030
MOUNTAIN BIKE	RIDGE-RUNNER	23"	545	600	68°	70.5°	669	465	30	55	1,132

Quality Components for Performance

There are more than 1,000 components in a bicycle. Top performance can be achieved only by having each component working perfectly with one another. The years of experience at MIYATA assures you a bicycle well balanced for each riding purpose.

MIYATA bicycles are used exclusively by the CAPRI-SONNE KOGA-MIYATA team, winner of the prestigious 1981 World Cup.



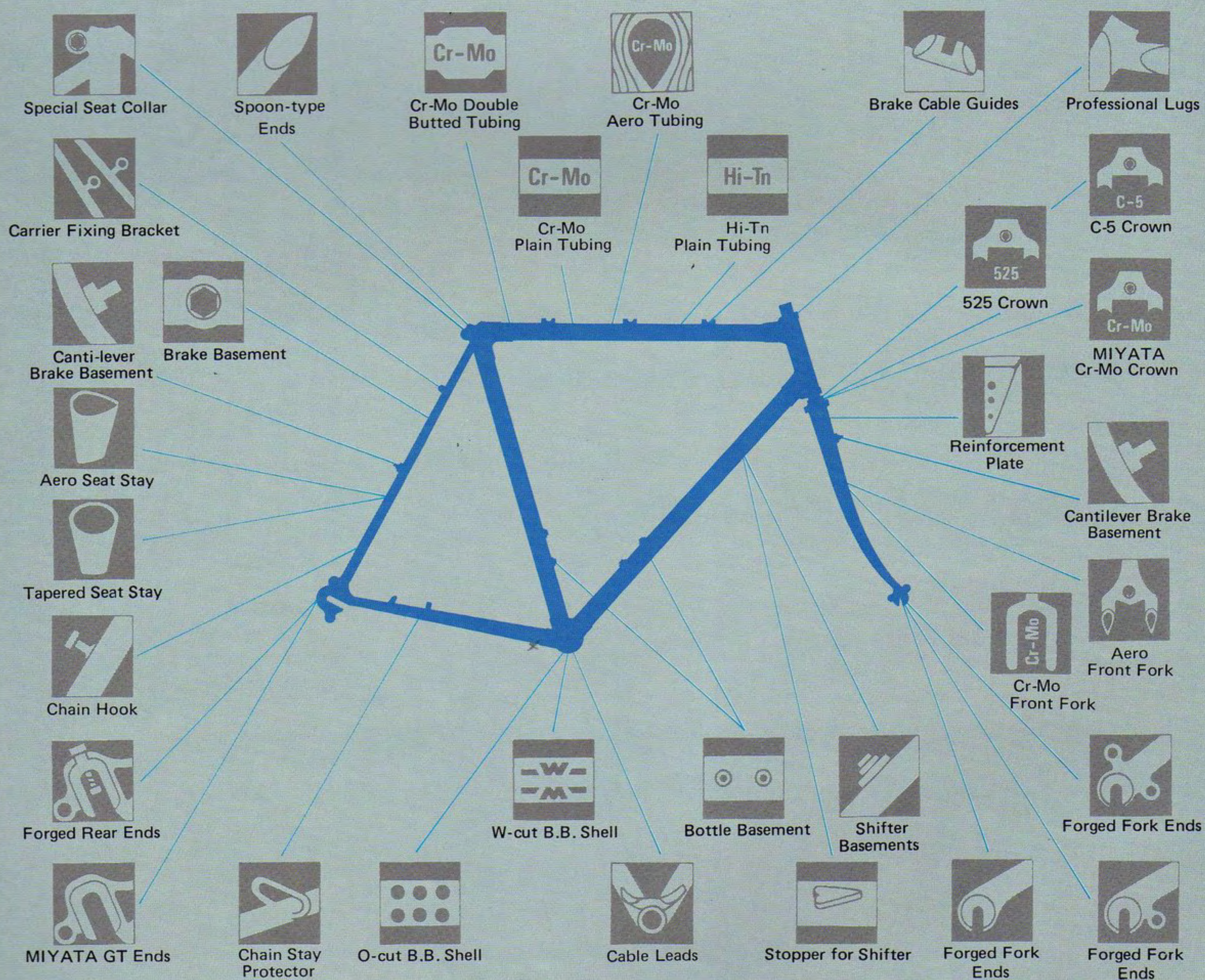
MIYATA . . . Proven Race Course Tough

Professional racing teams demand quality, performance and function. No Japanese bicycles had met those standards of European racing until MIYATA. The IJSBOERKE team won many classic races in 1980 and won the World Cup in the annual team points. The CAPRI-SONNE team rode MIYATA in 1981 to beat the record set the previous year. European professional races are the most demanding testing grounds in the world. This is where MIYATA bicycles are acknowledged for their unrivalled performance.

1983 MIYATA MODEL LINE

SERIES	FUNCTION	MODEL			
Professional Racing	Winners of the toughest European races	AERO MIYATA	TEAM MIYATA	PRO MIYATA	1200
Semi-Pro	Each uniquely designed	912	710	310	
Grand Touring	Designed for long-distance riding	1000	610	210	
The All-Round Sports	Models for all ages	110	100	90	
Mountain Bike	Hi-performance off-road machine	RIDGE RUNNER			

SYMBOLIZING EXCITING FEATURES OF HIGH QUALITY FRAME TECHNOLOGY



PROFESSIONAL RACING SERIES

AERO-MIYATA

Aerodynamic design reduces the wind drag. Most frame tubes are round. The Aero Miyata uses a tear drop shape tube to help you break the wall, the wall of wind resistance. Shimano Dura-Ace AX components and Chromoly double-buttressed tubing combine to make the Aero Miyata the star of our world class bicycles.



FRAME COLOR



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
520, 540, 560, 580, 600, 630 mm (D.D.)	Cr-Mo Aero tubing Cr-Mo Aero seat stays EF ends	Cr-Mo Aero tubings Cr-Mo Aero crown UF ends	Dura-Ace EX	Dura-Ace AX	Dura-Ace AX	Dura-Ace AX w/top mount shifter	Dura-Ace EX UG Gold 13-20 teeth	Dura-Ace UG Nickel finished
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
Dura-Ace AX 52 x 42 teeth	Dura-Ace AX (D.D.)	WOLBER Performance	ARAYA ADX-2	Dura-Ace AX Freehub	ARIAKE 80N-DX w/Dura-Ace AX MIYATA original pillar	Tools Toe clips & straps	21.5 lbs (580 mm frame)	Bright Blue

PROFESSIONAL RACING SERIES

TEAM-MIYATA

This is the bicycle known on racing circuits in four continents. Equipped with Shimano D.D. pedals for greater stability and positive pedaling. The Team Miyata provides us with a testing ground for continued engineering advancements.



FRAME COLOR



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
520, 540, 560, 580, 610, 630 mm (D.D.)	Double butted Cr-Mo tubing Cr-Mo stays EF ends	Cr-Mo tubings Cr-Mo crown TF-R ends	Dura-Ace EX	NITTO 55F w/Dura-Ace AX stem	Dura-Ace EX	Dura-Ace EX	Dura-Ace EX UG Gold 13-22 teeth	Dura-Ace UG Nickel finished
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
Dura-Ace AX 52 x 42 teeth	Dura-Ace AX (D.D.)	MIYATA tubulars 230g	MAVIC GP-4	Dura-Ace EX Freehub	ARIAKE 80N-DX w/Dura-Ace AX pillar	Water Bottle Frame pump Tools Toe clips & straps	21 lbs (580 mm frame)	Bright Blue (Gold Head)

PROFESSIONAL RACING SERIES

PRO-MIYATA

We adopted many of the Aero Miyata features to this bicycle. Our aero dynamic tear shaped frame tubes reduce wind resistance. Even the water bottle and frame pump are designed to reduce wind drag.



FRAME COLOR



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
500, 540, 570, 600, 630 mm	Double butted Cr-Mo tubing Aero seat stays Oval chain stays Suntour Superbe Pro ends	Cr-Mo Aero tubing 1175 Crown TF-R ends	TANGE Ritzy	NITTO 55F w/SUGINO HP-GL stem	DIA-COMPE AGC-300 w/AGC250 levers	SUNTOUR Supperbe Pro w/top mount shifter	SUNTOUR WINNER Silver 13-22 teeth	DID LANNER Silver
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SUGINO Mighty Aero 52 x 42 teeth	MKS Esquarts	MIYATA 700 x 20C S.S.W. 100 lbs	ARAYA-20A 700C light alloy	SUNTOUR SUPERBE	ARIAKE 80N-DX w/SHIMANO 600AX pillar	Water Bottle Frame pump Tools Toe clips & straps	23 lbs (570 mm frame)	Bright Blue (Gold Head)

PROFESSIONAL RACING SERIES

1200

Like all our racing models, the 1200 features Chromoly double-butted tubing for the optimum combination of light weight and strength. Quality component parts combine with our frame to make this the ideal bicycle for racing or for pleasure riding.



FRAME COLOR



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
500, 540, 570, 600, 630 mm	Double butted Cr-Mo tubing Tapered seat stays Oval chain stays Suntour Superbe Pro ends	Cr-Mo tubing C-5 Crown TF-R ends	TANGE New Falcon	SR CTD w/AEROX alloy stem	DIA-COMPE NGC-400 w/NGC-200H lever	SUNTOUR CYCLONE M2 w/top mount shifter	SUNTOUR WINNER Silver 13-24 teeth	DID LANNER Silver
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR AEROX 5LA 52 x 42 teeth	MKS Esquarts 102	MIYATA 700 x 20C S.S.W. 100 lbs	ARAYA-20A 700C light alloy	SUNSHINE PRO-AM	ARIAKE 80N-DX w/SR CT-P5A pillar	Water Bottle Tools Tapered seat stays	23.5 lbs (580 mm frame)	Gold Metallic (Brown Head)

SEMI-PRO SERIES

912

Our finest semi-pro model features our Chromoly double-butted tubing and Shimano components. The fork design allows the use of either alloy or tubular rims for racing or street riding. Many features make the 912 an outstanding value.



FRAME COLORS

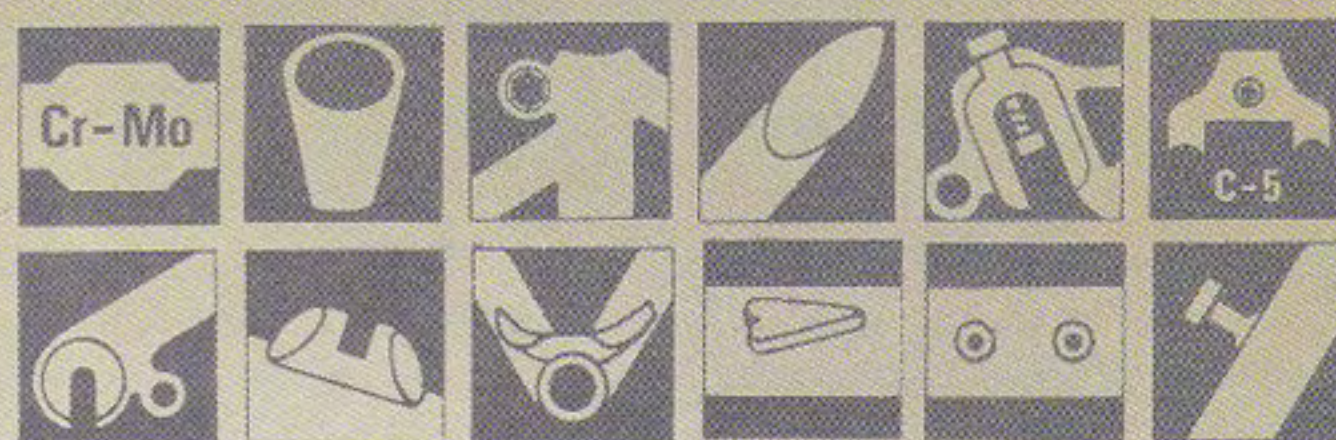


Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
500, 540, 570, 600, 630 mm	Double butted Cr-Mo tubing Tapered seat stays SF ends	Hi-ten tubing C-5 Crown TF ends	TANGE New Falcon	SR CTD w/ROYAL-II alloy stem	DIA-COMPE NGC-400 w/NGC-200 levers	SHIMANO 600EX	SHIMANO 600UG Silver 13-24 teeth	SHIMANO 600UG Silver
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SHIMANO 600EX-LD 52 x 42 teeth	MKS Sylvan Road	MIYATA 700 x 25 C S.S.W. 100 lbs	ARAYA-20A 700C light alloy	SHIMANO 600-EX	ARIAKE 77CP-DX w/SR CT-P5 pillar	Water Bottle Tools Toe clips & straps	24 lbs (570 mm frame)	Black Platinum

SEMI-PRO SERIES

710

Ideal for sports riding or commuting. The model 710 combines double-buttressed Chromoly tubing with Suntour derailleurs and clusters for performance and durability. Like all semi-pro models, the 710 crank arms and handlebar stems are tailored to each frame size.



Camel
Beige

Cardinal

FRAME COLORS



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21" 23", 25"	Double butted Cr-Mo tubing Tapered seat stays GS ends	Hi-ten tubing C-5 Crown TF ends	TANGE New Falcon	SR CTD w/CT light alloy stem	DIA-COMPE 500G w/144G levers	SUNTOUR BL-GT	SUNTOUR WINNER Gold 13-28 teeth	SHIMANO 600UG Gold
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CT-5 LAEL 52 x 42 teeth	MKS AR Road	MIYATA 27" x 1" S.S.W. 100 lbs	ARAYA-20A 27" x 1" light alloy	SUNSHINE forged alloy S.F. w/Q.R	ARIAKE 77CP-DX w/SR CT-P6 pillar	Toe clips & straps	24.5 lbs (23" frame)	Camel beige Cardinal

SEMI-PRO SERIES

310

Our most popular-priced model. The 310 has many of the same features found on our higher priced models. The 310 includes bottle basements and an Italian style crown, features usually found on only the top-of-the-line bicycles made by other manufacturers. The price of the 310 makes it an excellent investment, both in riding enjoyment and as a trade-in.



FRAME COLORS



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23", 25"	Double butted Cr-Mo tubing Tapered seat stays MIYATA GT ends	Hi-ten tubing 525 Crown TF ends	TANGE MA-60	SR CTD w/CT light alloy stem	DIA-COMPE AC-500 w/161 levers	SHIMANO A-105 w/A-105 top mount shifter	SHIMANO UG 14-28 teeth	SHIMANO 600UG Gold/Black
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR-CT-5LAEL 52 x 42 teeth	SR SP-152	MIYATA 27" x 1-1/8" S.S.W. 100 lbs	ARAYA-18 27" x 1-1/4" light alloy	SHIMANO light alloy S.F. w/O.R	ARIAKE 77CP-DX w/SR CT-P6B pillar	AH bolts on bottle basement	25.0 lbs (23" frame)	Silver Blue Burgundy Metallic Silver

GRAND TOURING SERIES

1000

The same fine Miyata quality frame that has been engineered and designed to meet the needs of the dedicated long distance rider. From the 15 speed Suntour gear system to the SR super Apex 5TG crank set, the 1000 meets all requirements for touring.



Royal Blue

Royal Green

FRAME COLORS



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23", 25"	Double butted Cr-Mo tubing Tapered seat stays GS ends	Cr-Mo tubing C-5 Crown TL ends	TANGE New Falcon	SR RND w/Royal alloy stem	DIA-COMPE NGC-960 w/NGC-200 levers	SUNTOUR (F) Cyclone M2 (R) Cyclone M2GT w/SUPERBE shifter	SUNTOUR PRO-COMPE Gold 14-28 teeth	SHIMANO 600UG Gold
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR SUPER-APEX-5TG 52 x 47 x 34 teeth	MKS Sylvan Road	MIYATA 27" x 1-1/8" G.S.W. 100 lbs	ARAYA 27" x 1-1/4" 36H/40H light alloy	SUNSHINE Gyro Master	ARIAKE 77CP-DX w/SR CT-P5 pillar	Alloy carries Toe clips & straps Water Bottle Tools	28 lbs (23" frame)	Royal Blue Royal Green

610

A grid of 18 icons arranged in three rows and six columns. The first row contains icons for Cr-Mo alloy, a cup, a hand holding a ring, a hand holding a tool, a hand holding a tool, and a hand holding a tool labeled 525. The second row contains icons for scissors, a hand holding a tool, a hand holding a tool, a hand holding a tool, a hand holding a tool, and a hand holding a tool. The third row contains icons for a hand holding a tool, a hand holding a tool, a hand holding a tool, a hand holding a tool, a hand holding a tool, and a hand holding a tool.

FRAME COLORS



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
41-1/2", 21" 43", 25"	Double butted Cr-Mo tubing Tapered seat stays MIYATA GT ends	Hi-ten tubing 525 Crown TL ends	TANGE MA-60	SR RND w/CT light alloy stem	DIA-COMPE 960 Canti-lever w/161 lever	SUNTOUR (F) SUPERBE- TECH (R) MOUNT- TECH w/PDL-M shifter	SUNTOUR PRO-COMPE Gold 14-28 teeth	SUNTOUR-Z Gold/Black
Drum Brake Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CT-5TG 41 x 47 x 32 1.5" x 1.5" x 1.5" eth	MKS AR-ROAD	MIYATA 27" x 1-1/4" S.S.W. 90 lbs	ARAYA 16A (3) 27" x 1-1/4" light alloy	SUNTOUR RH-4600 Sealed Bearling w/Q.R	ARIAKE 77NP-DX w/SR CT-P5B pillar	Alloy carrier Toe clips & straps	26.5 lbs (23" frame)	Artesian Blue Ivory

GRAND TOURING SERIES

210

An economical sports bicycle made for touring. Chromoly tubing, Italian style crown, Dia-compe 610 center pull brakes and a light alloy rear carrier make this a popular bicycle for all ages.

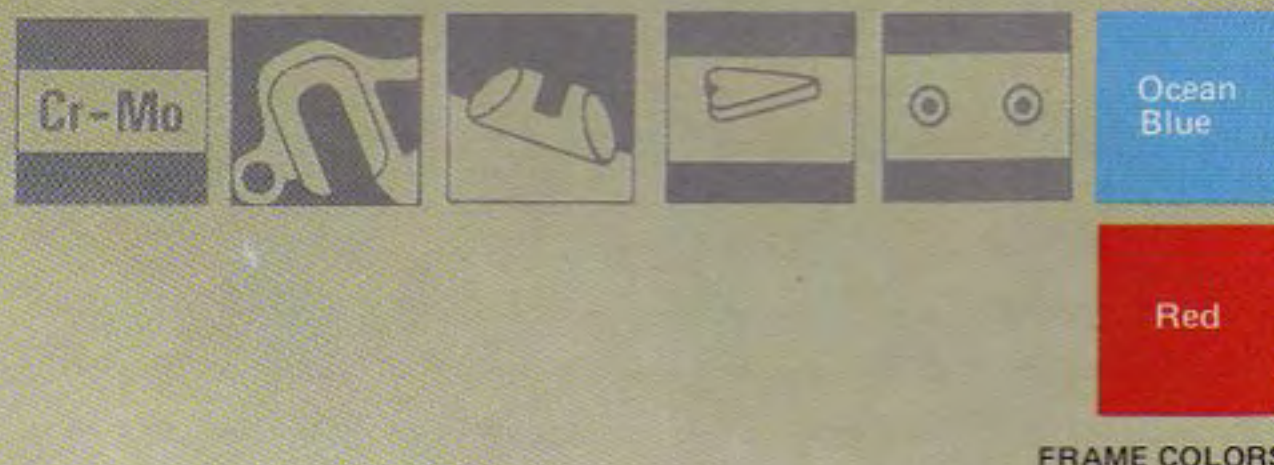


Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23", 25"	Cr-Mo tubing MIYATA GT ends	Hi-ten tubing 525 Crown	TANGE MA-60	SR RND w/SR light alloy stem	DIA-COMPE 610 w/161 lever	SUNTOUR (F) ARX (R) ARX GT w/VX shifter	SUNTOUR PT5S 14-32 teeth	SUNTOUR-Z Black
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CTC-5DRG2 52 x 47 x 36 teeth	MKS CR-2	MIYATA 27" x 1-1/8" G.S.W. 100 lbs	ARAYA 18 27" x 1-1/4" light alloy	SUNSHINE forged alloy w/O.R	ARIAKE 77CP-DX w/SR CT-P6C pillar	Alloy carrier	27.5 lbs (23" frame)	Silver Blue Forest Green Burgundy

THE ALL-ROUND SPORTS SERIES

110

Compare the features and quality workmanship of this model with comparable-priced bicycle made by other manufacturers and you'll understand why the 110 is one of our best selling models. Like all Miyata bicycles, the 110 frame combines light weight and strength.



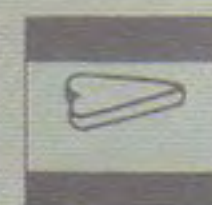
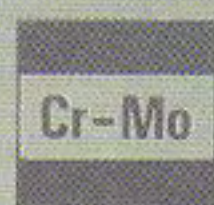
Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23", 25", 27"	Cr-Mo tubing MIYATA GT ends	Hi-ten tubing	TANGE MA-60	SR SC-713 w/SR light alloy stem	DIA-COMPE AC-500 w/161 lever	SUNTOUR TRIMEC w/TRIMEC top mount shifter	SUNTOUR PT6S 14-28 teeth	SUNTOUR-Z Black
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CTC-5DRG2 52 x 42 teeth	MKS CR-2	MIYATA 27" x 1-1/8" G.S.W. 100 lbs	ARAYA 18 27" x 1-1/4" light alloy	SUNSHINE forged alloy w/O.R	ARIAKE 77P-17 w/SR CT-P6C pillar	AH bolts on bottle basement	27.5 lbs (23" frame)	Ocean Blue Red

THE ALL-ROUND SPORTS SERIES

100/100_M

NEW FOR '83

Frame tubing features chromoly aircraft quality steel for strength and light weight, brazed fittings, Tange MA-60 head set and cotterless crank. Suntour derailleurs, Dia-compe 610 center pull brakes and stainless steel bolts for bottle basements make the model 100 an excellent investment in a sports bicycle.



FRAME COLORS

100



100_M



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21" 23", 25" 19-1/2"M, 22"M	Cr-Mo tubing MIYATA GT ends	Hi-ten tubing	Tange MA-60	SR SC-713 w/SR light alloy stem	DIA-COMPE 610 w/165 lever	SUNTOUR (F) AR (R) AR-GT w/UB10 stem shifter	SUNTOUR PT6S 14-32 teeth	KEC
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CTC-5DX 52 x 42 teeth	MKS 33	MIYATA 27" x 1-1/8" G.S.W. 100 lbs	ARAYA 18 27" x 1-1/4" light alloy	SUNSHINE forged alloy (F) w/Q.R	ARIAKE 77P-17 w/Stainless steel pillar	AH bolts on bottle basement	28.0 lbs (23" frame)	Challenge Blue Sunrise Red

THE ALL-ROUND SPORTS SERIES

90/90_M

NEW FOR '83

For the first time, an all-purpose 12-speed that combines the Miyata engineering and design expertise with quality materials at a low cost. You'll find many of the same features on the 90 as on our higher priced models. The Model 90 is sure to become the value leader in the bicycle industry in 1983. Available in men's and ladies' models.



FRAME COLORS

90



90_M



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23", 25", 19-1/2"M	Hi-tension steel tubing MIYATA GT ends	Hi-ten-tubing	TANGE MA-60	SR SC-713 (Northroad for Mixte) w/SR light alloy stem	DIA-COMPE 500 w/164 hooded lever	SUNTOUR (F) AR (R) AR-GT w/LD-1000 shifter	SUNTOUR PT6S 14-28 teeth	KEC
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SR CTC-5SD2 52 x 42 teeth	MKS 33	MIYATA 27" x 1-1/4" G.S.W. 90 lbs	ARAYA-5 27" x 1-1/4"	SUNSHINE (F) w/Q.R	ARIAKE 77-17 (81L for Mixte) w/Stainless steel pillar		29.5 lbs (23" frame)	Challenge Blue Sunrise Red Champagne Pink (Mixte only)

MOUNTAIN BIKE

RIDGE RUNNER

NEW FOR '83

The Ridgerunner. Explore new horizons with Miyata's mountain bicycle. The 18-speed Alpine gear system provides you with the widest range possible to meet any off-the-road condition. And there is no other type of bicycle that requires frame durability more than a mountain bicycle. Our famous Chromoly double-butted tubing meets and exceeds the demands of mountain riding. A heavy-duty cantilever brake system and bear trap type pedals are but a few of the components that add to a durability and safety factor so necessary in a mountain bicycle.

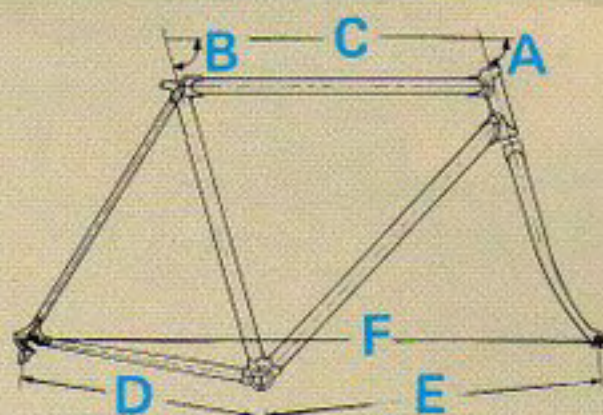


FRAME COLOR



Frame Sizes	Frame Materials	Front Fork	Head Set	Handle	Brakes	Derailleurs	Cluster	Chain
19-1/2", 21", 23"	Double butted Cr-Mo tubing Lugless Frame	Cr-Mo tubing	TANGE New Levin	NITTO B92 Cr-Mo Black	DIA-COMPE 980 Canti-lever w/280 mountain lever	SUNTOUR (F) AG-TECH (R) MOUNT-TECH w/Thumb shifter	SUNTOUR WINNER 14-28 teeth	SUNTOUR-Z Gold/Black
Crank Set	Pedals	Tires	Rims	Hubs	Saddle	Extras	Approx. Weight	Colors
SUGINO TAT Triple 48 x 40 x 28 teeth	SUNTOUR Oval Black	MIYATA 26 x 2.125 S.S.W.	ARAYA 26 x 1.75 light alloy	SUNTOUR Sealed Bealing Cr-Mo	ARIAKE 77NP-DX w/SR Mountain Pillar	AH bolts on bottle basement	31.0 lbs (23" frame)	Mountain Blue

FRAME SETS



Whether your interests are racing or touring you need a bicycle that best fits your frame. Your Miyata dealer can help you select the one best suited to you.



TEAM MIYATA Frame Set

Frame Size	A	B	C	D	E	F
D.D. 520mm	71°	74°	520	413	586.4	989.5
D.D. 540mm	72°	74°	535	413	587.9	990.6
D.D. 560mm	73°	74°	550	413	589.4	992
D.D. 580mm	73°	74°	550	413	589.7	992.3
D.D. 610mm	73°	74°	565	413	600.1	1,002.9
D.D. 630mm	73°	74°	575	413	610.3	1,013

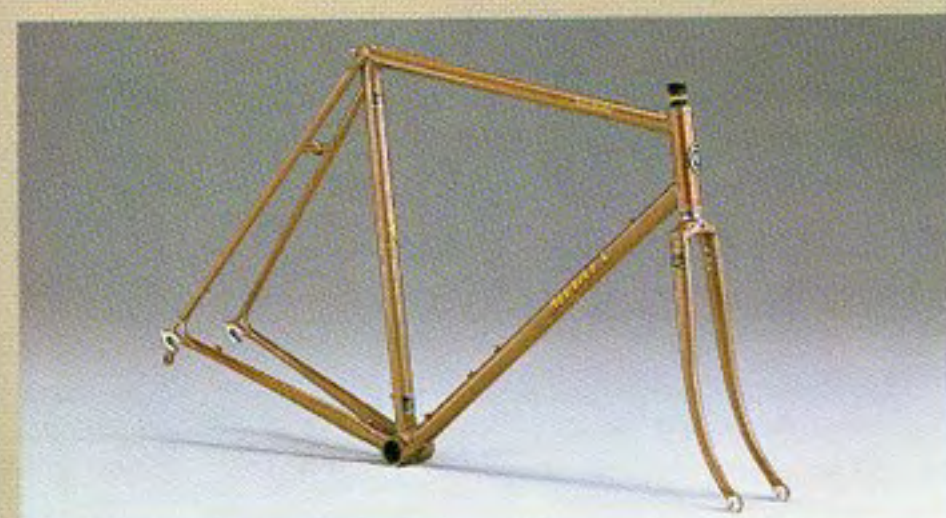
Head: Italian size
Over lock nut dimensions: (F) 100mm, (R) 126mm
Bottom bracket: English thread, width 68mm
Seat tube diameter: 26.8mm
Set Parts: AH seat pin, Rear end adjusting screws
AH bolts on bottle basements
Color: Bright blue (with gold head)



PRO MIYATA Frame Set

Frame Size	A	B	C	D	E	F
500mm	71°	74°	520	410	590.5	990
540mm	73°	74°	550	410	598.5	998
570mm	73°	74°	565	410	599.3	999
600mm	73°	74°	565	410	599.4	999.2
630mm	73°	74°	575	410	609.7	1,009

Head: Italian size
Over lock nut dimensions: (F) 100mm, (R) 126mm
Bottom bracket: English thread, width 68mm
Seat tube diameter: 26.8mm
Set parts: AH seat pin, Rear end adjusting screws
AH bolts on bottle basements
Color: Bright blue (with gold head)



1200 Frame Set

Frame Size	A	B	C	D	E	F
500mm	71°	74°	520	410	591.2	991.2
540mm	73°	74°	550	410	598.9	998.6
570mm	73°	74°	565	410	600.2	1,000.5
600mm	73°	74°	565	410	600.3	1,000.7
630mm	73°	74°	575	410	610.6	1,011

Head: Italian size
Over lock nut dimensions: (F) 100mm, (R) 126mm
Bottom bracket: English thread, width 68mm
Seat tube diameter: 26.8mm
Set parts: AH seat pin, Rear end adjusting screws
AH bolts on bottle basements
Color: Gold metallic (with brown head)



1000 Frame Set

Frame Size	A	B	C	D	E	F
19-1/2"	71°	72°	535	430	592.3	1,017.3
21"	71°	72°	535	430	588.6	1,009.7
23"	72°	72°	550	430	589	1,010
25"	72°	72°	575	430	614	1,036

Head: Italian size
Over lock nut dimensions: (F) 100mm, (R) 126mm
Bottom bracket: English thread, width 68mm
Seat tube diameter: 26.8mm
Set parts: AH seat pin, Rear end adjusting screws
AH bolts on bottle basements
Color: Royal Green, Royal Blue



912 Frame Set

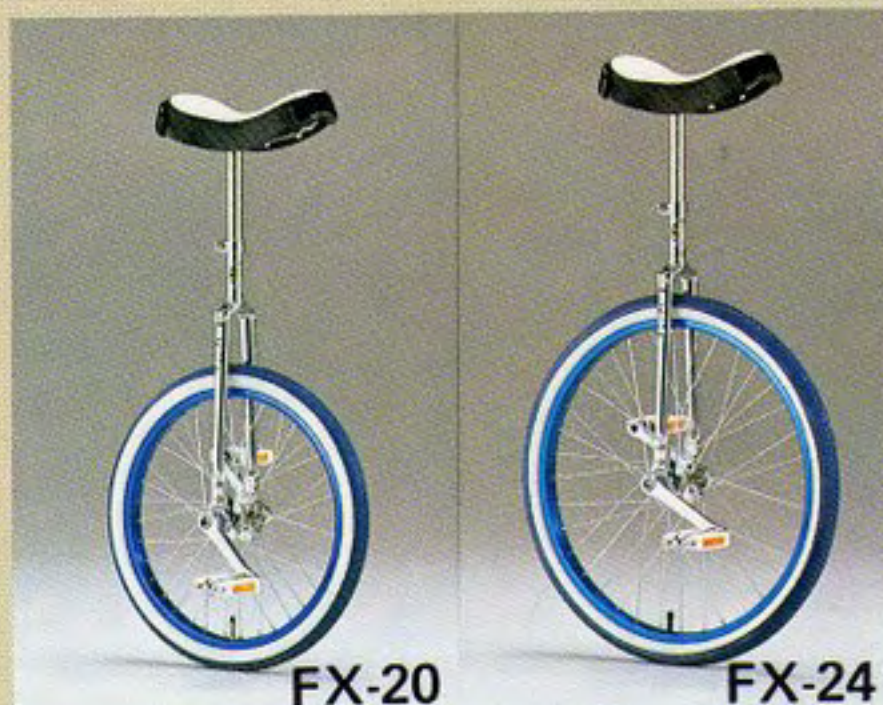
Frame Size	A	B	C	D	E	F
500mm	71°	74°	520	413	586.4	989.5
540mm	73°	74°	550	413	589.4	992
510mm	73°	74°	565	413	599.8	1,002.6
600mm	73°	74°	565	413	600	1,002.7
630mm	73°	74°	575	413	610.3	1,013

Head: Italian size
Over lock nut dimensions: (F) 100mm, (R) 126mm
Bottom bracket: English thread, width 68mm
Seat tube diameter: 26.8mm
Set parts: AH seat pin, Rear end adjusting screws
AH bolts on bottle basements
Color: Platinum, Black

UNICYCLE SERIES

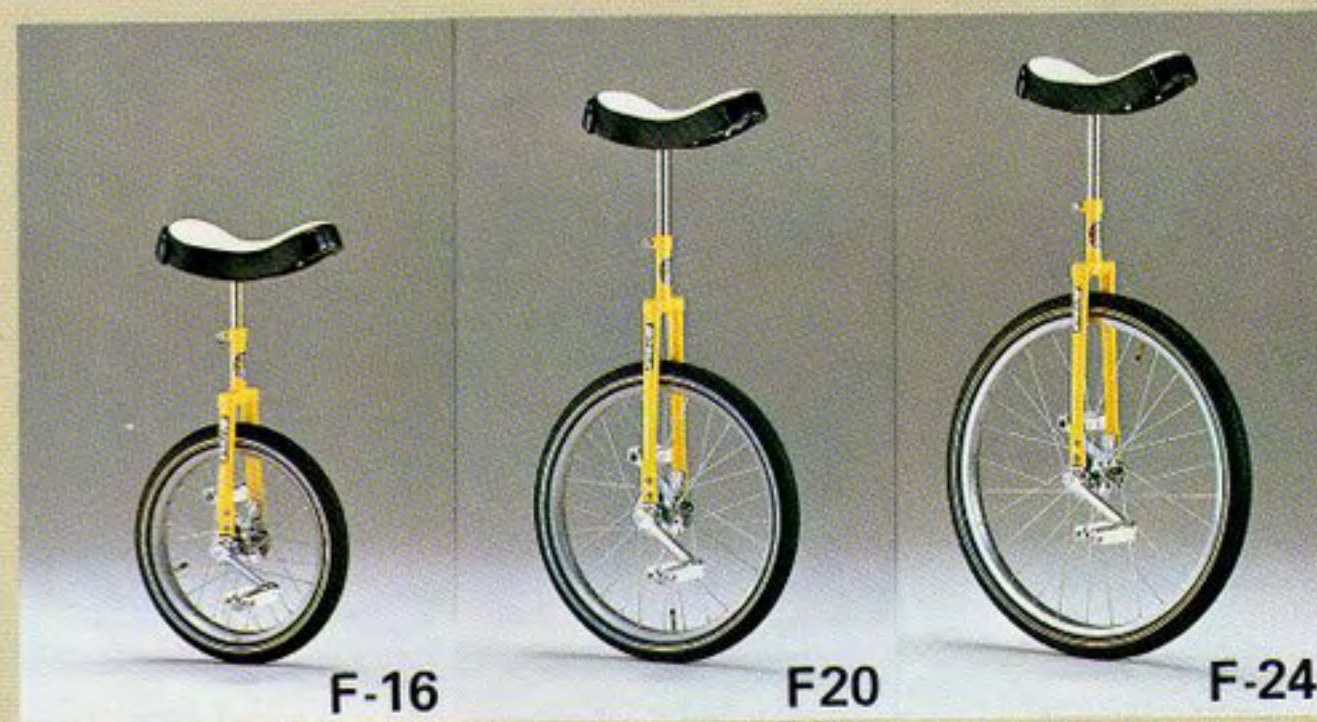
Deluxe:

Special crown,
alloy rim,
cotterless
crank



Standard:

Protected
saddle



Specifications subject to change without notice.

MIYATA BICYCLE LIMITED WARRANTY

- 1) Warrantee: This warranty warrants only to the original retail purchaser of the bicycle and is not transferable.
- 2) Miyata bicycle frames are warranted to be free from defects in materials and workmanship under normal use of the bicycle for lifetime of the bicycle.
- 3) Defective parts: All original parts, except tires, tubes & cables are warranted for one year from the date of purchase. During the warranty period, all original parts as determined by MIYATA found to be defective in workmanship or material will be repaired or replaced free of charge except for shipping and dealer labor charge.
- 4) How to claim warranty: All claims under this warranty must be made through an authorized MIYATA dealer during the relevant warranty period. To obtain warranty service, the owner must return the defective bicycle to an authorized MIYATA dealer for inspection with purchase receipt or other evidence showing the date of purchase.
- 5) If the original dealer is no longer available or is inconveniently located, the name of an authorized dealer nearest to you can be obtained from MIYATA whose address is stated below.
- 6) Warranty exclusions: This warranty does not cover failure due to accident, abuse, neglect, normal wear, improper assembly, improper fit, maintenance by any other than an authorized MIYATA dealer, or use of unauthorized replacement parts. This warranty does not cover any personal injuries, damage or failure of the bicycle if used in any competitive event, including bicycle racing, motocross, stunt, or similar activities or when in training for same. Motors or other accessories inconsistent with the use intended by MIYATA will negate this warranty.
- 7) This warranty is expressly in lieu of any other express warranty and any implied warranty including any warranty of merchantability or fitness is limited in duration to the duration of this express warranty. (Some states do not allow limitation on how long implied warranty lasts, so the above limitation may not apply to you.)
- 8) We shall not be responsible for consequential or special damages nor for transportation charges or dealer labor charge except as set forth above.
- 9) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

MIYATA BICYCLE OF AMERICA, INC.
2526 W. Pratt Blvd, Elk Grove, ILL 60007



Authorized Dealer

Manufactured by: **MIYATA INDUSTRY CO., LTD.**, Chigasaki, Japan

Imported by: **MIYATA BICYCLE OF AMERICA, INC.** Chicago