

YAMAHA



BYZ

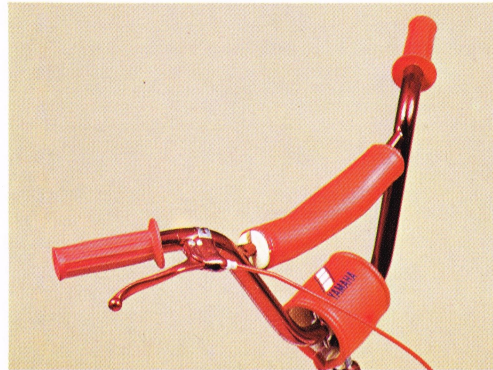


YAMAHA BYZ 301

Tough and tested, basic BMX . . . that's our Yamaha BYZ 301. Built with the family budget in mind but with no compromises in terms of quality. Everything on the BYZ 301 is genuine, race-proved BMX equipment.

Check it out for yourself: Rigid competition chassis with Tange head bearing and Faubert steel crank set. Leading-axle BMX front forks. Lightweight Perrin BMX hubs spoked to gold-anodized rims. Wide section front tire for total cornering control. Knobby tread pattern front and rear for traction all round the racetrack. Weinmann side-pull caliper brake with specially-angled operating lever for maximum braking pressure. High-grip lightweight MX pedals. The latest V-braced handlebars with MX grips and solid double mounting clamp. Lightweight BMX racing seat and protective pads on handlebar brace, top chassis tube and steering head.

Go racing with the Yamaha BYZ 301 and you won't break the bank or the bike. The only thing likely to give way under pressure is the opposition!



Handlebars are the latest V-brace pattern complete with protective pads on both brace and steering head. The Weinmann brake lever is cranked at a 45-degree angle for a straight pull to the bars and maximum braking pressure. Special MX grips cushion the rider's hands against shocks.



BMX competition forks are constructed in high-tensile steel with the axle carried ahead of the main fork tubes in rigid steel plates. The forks pivot in high-quality Tange head bearings while the 20-inch wire-spoked front wheel uses a lightweight Perrin BMX hub.



The Faubert steel crank is built to take the strain of BMX racing. Crank length is 170 mm and the 44-tooth sprocket matches the 16-tooth rear freewheel for perfect race gearing. Lightweight MX pedals are designed to give secure grip for the rider's feet and incorporate reflectors for safe street riding.



Free racing number plates are supplied with the BYZ 301-401 and 501.

YAMAHA BYZ 401

The Yamaha BYZ 401 is where we start getting into the really trick stuff, kitting out our basic BMX chassis with the kind of high-performance goodies that put the winning odds well and truly on your side.

Tougher, lighter, faster. That's what we've made the BYZ 401 by a series of upgrades making full use of high-strength steel and featherweight alloy racing components.

Jump higher and land further on with the special TRX cross front forks. There the strongest BMX forks around.

Pump harder on the sure-grip pedals of the cotterless Nervar crank set.

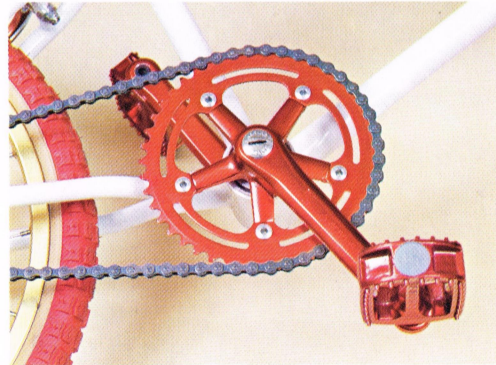
And just check out the number of light alloy fittings! Sakae MX pedals and seatpost clamp, Maillard front hub and Helicosport rear, Alesa wheel rims and Weinmann caliper brakes. All in weightsaving alloys for more performance from less rider effort.

Every fitting is performance-oriented. From the special high-absorption foam of the Royale handgrips down to the treads of the flexible "gumwall" tyres that give optimum control and total traction.

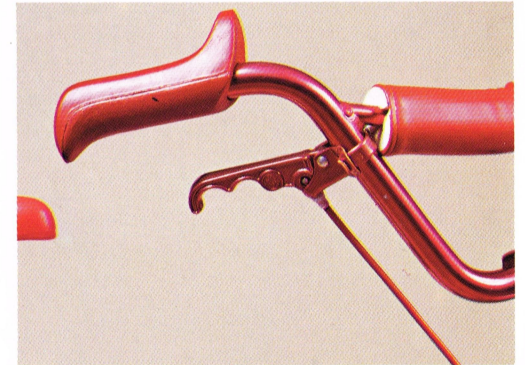
The Yamaha BYZ 401 is 100% racer... but still at a price that qualifies it as a true "value for money" buy.



The use of chromium plated TRX cross front forks means that you start with a race proven fork tougher than stock items.



You can put more effort into your pedalling thanks to the cotterless design of the Nervar crank set. Sakae MX pedals are made in lightweight alloy and designed to provide maximum grip for the rider's feet.



The latest V-braced bars are protected with pads and special foam royale grips save the rider's hands from a beating in the heat of competition. The Weinmann side-pull caliper brake is operated by a neat Chang Star trigger lever.

Wire-spoked competition wheels use Alesa alloy rims on alloy lightweight hubs. Gumwall tyres flex to provide added traction and more precise front-end control. Steering is aided by the wide-section front tyre with extra studs for more grip when crossed-up.

YAMAHA BYZ 501

We'll come right out and say it. The Yamaha BYZ 501 is a very expensive bicycle. Quality costs money, however, and the BYZ 501 is, quite simply, the best. A gleaming chrome-plated racer that represents the "state of the art" in current BMX production. No expense has been spared to assemble the finest, toughest racing components available and every major item is made in either featherlight alloys or tough, chrome-moly steel.

The complete chassis, as well as the leading-axle TRX front forks is made from chrome-moly tubing. Lighter and tougher than normal steels.

Wheels rims, hubs, handlebars, brakes - even the seatpost clamp - are made in alloy to bring the weight of the BYZ 501 down to the most competitive possible level.

Adjustable pedal cranks, contoured foam handgrips, trigger brake lever, flexible "gumwall" tyres ... the list of super-trick equipment goes on and on.

With the BYZ 501, Yamaha set out to build the best possible BMX racer and they used the acknowledged top-quality components from three continents to achieve this.

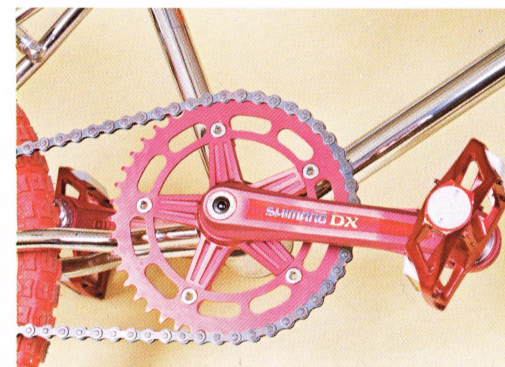
Sit on the startline with your Yamaha BYZ 501 and you begin each race with the confidence that comes from knowing that no-one has a better machine. And that's the kind of confidence that sharpens the winning edge.



Alloy V-braced bars are fitted with specially-contoured foam-filled Royale grips plus a Chang Star trigger lever to operate the Weinmann side-pull caliper brake.

Lightweight, wire-spoked wheels utilise alloy rims and hubs. Translucent "gumwall" tyres are flexible to give total control and plenty of traction.

Chrome-moly is the lightest, toughest and most flexible of steels. There's no better material for making a BMX racing frame and that's why both chassis and front forks of the BYZ 501 are constructed entirely in chrome-moly tubing.



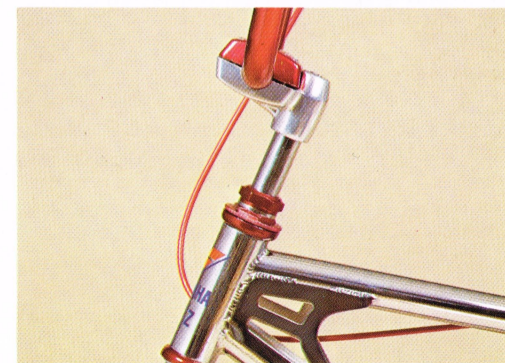
The Shimano crank set has a cam arrangement which can change crank length from 170 mm to 180 mm to accommodate those longer legs.

The light alloy Shimano pedals have a trapezoidal shape that keeps the rider's feet level at all times. Even under maximum thrust.



As well as being adjustable for height, the Shimano DX seatpost is fitted with the special FPMX 20 seat clamp that allows the saddle to be set at the most comfortable angle for the rider.

Anchoring the seatpost as firmly as possible in the frame is the SAKAE alloy clamp, anodized red to match the rest of the BYZ 501 fittings.

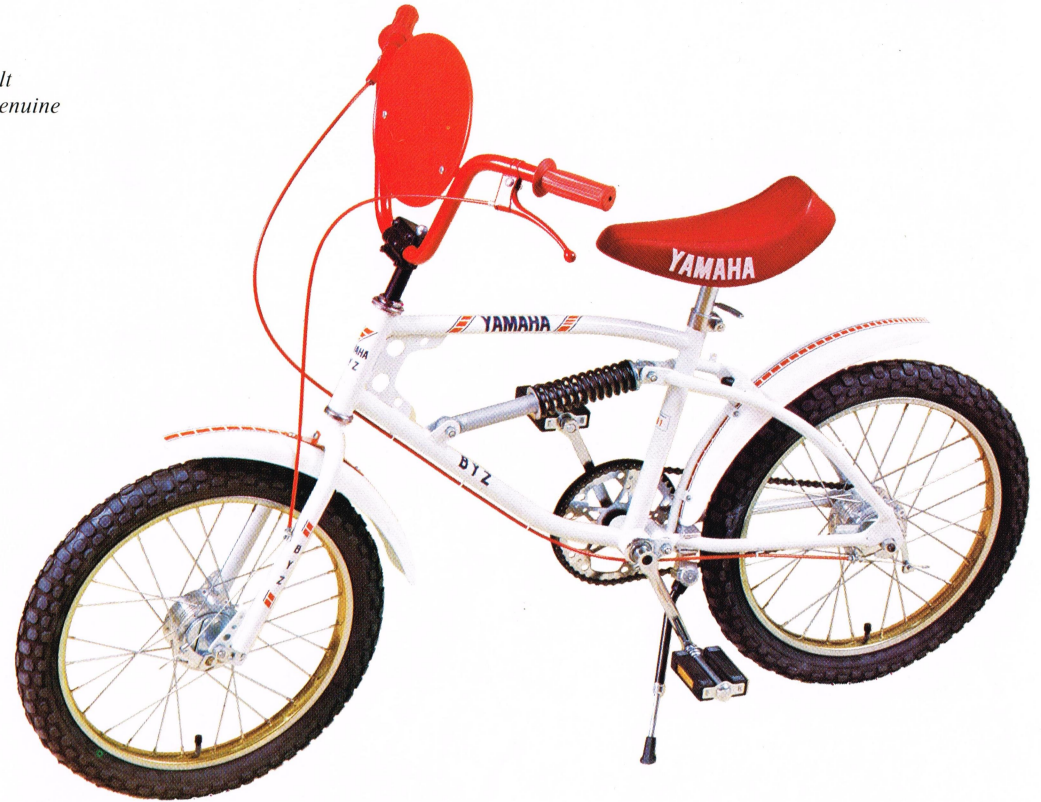


The Hatta MX Mk2 steering head assembly is specially-strengthened at its angle-bend to withstand the shocks of all-out racing. Handlebars are firmly gripped in position by a red anodized top plate with four-bolt fixing.

YAMAHA BYZ 101/201



Braced racing handlebars with double-bolt fixings and motocross grips are typical of the genuine BMX equipment on these all-out fun-bikes.



Imaginations will click into high gear at first sight of the Yamaha BYZ 101 and BYZ 201 models. Fun on wheels for the youngest dirt riders in the family!

Their monoshock chassis, motorcycle-style hub brakes and leading-axle front forks are all developed straight from Yamaha's World Championship-winning motocross racers. Plus there's a bunch of genuine BMX fittings for performance and strength way above normal fun-bike limits.

Teeny-meannies will go for the easy-riding BYZ 101 with its junior-sized (285 mm) frame, short pedal cranks (130 mm) and special low gear ratio. All designed to help out hard-pumping little legs!

Bigger kids on the block will want the BYZ 201, persuaded by its tough 355 mm chassis, 170 mm cranks and competition wire wheels with flashy gold rims.

Either way, Yamaha can provide a perfect early-introduction to the fun world of BMX.



Monoshock suspension is borrowed straight from Yamaha's World Championship-winning motocross racers and cushions young bodies against bumps and bruises. The rear frame section pivots and the centrally-mounted shock absorber takes the strain.



Motorcycle-style 70 mm drum brakes are laced into the competition wire wheels of the BYZ 201. The hub brake system for the BYZ 101 is integral with the bright red, tough plastic wheels.



Both models have a lightweight plastic chain-guard bolted direct to the front sprocket to protect young legs and costly kids clothing! The BYZ 101 has a special low gear ratio to help out the younger riders.

SPECIFICATIONS

YAMAHA BYZ 101

FRAME	Height 285 reinforced by a suspension arm and a central shock-absorber "Type CANTILEVER"
FORK HEAD SET CRANK SET	CROSS classical, not BSC crank of 130, chain wheel with 36 teeth and a black plastic chain-guard black plastic one piece with reflector
PEDALS	MUDGUARD CROSS plastic with YAMAHA emblem
HANDLEBAR	CROSS with red reinforcement, red handlebar stem, double fixation, with red levers and red CROSS handgrips
FRONT PLATE	oval red plate, mounted in the handlebar bend
SADDLE	CROSS red, with a chromium-plated seat post 25.5 x 200 chromium-plated seatpost clamp
WHEELS	red plastic 16", monobloc hubs front and rear drum brake and hobnut H.
TYRES	cross, black, 16 x 2.125 studs 16 teeth
FREE-WHEEL DEVELOPMENT	3.10

YAMAHA BYZ 201

FRAME	Height 355 reinforced by a suspension arm shock-absorber "Type CANTILEVER"
FORK HEAD SET CRANK SET	Forkend P-B REAR, gusseted rigid, type CROSS classical, BSC crank of 170, chain wheel with 46 teeth and 5 branches black plastic chain-guard black rubber pedal with reflector
PEDALS	MUDGUARD CROSS in white plastic with YAMAHA emblem
HANDLEBAR	CROSS with V-shaped reinforcement, red, red handlebar stem double fixation with red levers and red CROSS handgrips
FRONT PLATE	oval plate, in the handlebar bend, red
SADDLE	CROSS, red with chromium-plated seatpost \varnothing 25.4 x 250 with rigid chromium-plated seatpost clamp drum brake \varnothing 70
HUBS RIMS	gold colour 16 x 1.1, 28 holes
TYRES	20 x 2.125
FREE-WHEEL STAND	20 teeth aluminium, adjustable

YAMAHA BYZ 301

FRAME	Height 320 CROSS, rigid, reinforced
FORK HEAD SET	CROSS, rigid "TANGE" AW27 chromium-plated, not BSC
CRANK SET	"FAUBERT", crank of 170, not BSC, chain wheel 44 teeth, red
PEDALS	CROSS, black with reflectors
HANDLEBARS	"KKT", RT EMX, not BSC cross, with V shaped reinforcement, red, chromium plated handlebar stem double clamp fixation, cross handgrips red
SADDLE	CROSS BMX red with saddle clamp
SEATPOST SEATPOST CLAMP	red, \varnothing 22.2, length 300 nut and screw
BRAKE	REAR, alloyed, side pull caliper brake, WEINMANN 1020 red anodized Levers WEINMANN 135, angle 45°, red anodized
HUBS	FRONT and REAR BMX "PERRIN", chromium-plated, small side plates, red, 36 holes axis of 9.5, nuts BTR, not BSC
RIMS	gold colour, 20 x 1.75 reinforced (profile U.S. 28/37) 12/10, 36 holes
TYRES	FRONT CROSS with black 20 x 2.215 studs REAR CROSS with black 20 x 1.75 studs
FREE-WHEEL PROTECTIONS	16 teeth, not BSC top tube, foam covered with white skai handlebar stem, foam covered with red skai V shaped reinforcement, foam covered with red skai
DEVELOPMENT	4.30

YAMAHA BYZ 401

FRAME	Height 320 CROSS, rigid, reinforced
FORK HEAD SET	CROSS, rigid TRX "HATTA" MX No. 2, not BSC, red anodized crank of 170, not BSC, cotterless, chain wheel with 44 teeth, red, BMX NERVAR, with conversion axle
CRANK SET	CROSS, light alloy, SAKAE MP 464 RD, not BSC, red anodized
PEDALS	CROSS with V-shaped reinforcement, red, handlebar stem POLIGON 104 16 MXRD red, with red CROSS 132 ROYALE handgrips
HANDLEBAR	CROSS BMX, red, without saddle clamp
SADDLE	SEATPOST CROSS 132 ROYALE handgrips
SEATPOST BRAKE	SEATPOST CLAMP SAKAE alloyed, red REAR, alloyed, side pull caliper brake WEINMANN 1000 red anodized with release, with CHANG STAR 135 A (v) MX red anodized lever
HUBS	FRONT, MAILLARD BMX alloyed small side-plates, red anodized, 36 holes axis of 9.5, nuts BTR, not BSC REAR, HELICOSPORT BMX alloyed, small side-plates, red anodized, 36 holes, axis of 9.5, nuts BTR not BSC
FREE-WHEEL RIMS	HELICOSPORT 16 teeth alloyed, 20 x 1.75 ALESA 431 BMX gold anodized
TYRES	Front CROSS with red 20 x 2.125 studs, translucent sides Rear CROSS with red 20 x 1.75 studs, translucent sides
PROTECTIONS	top tube, foam covered with white skai handlebar stem, foam covered with red skai V shaped reinforcement, foam covered with red skai
DEVELOPMENT	4.30

YAMAHA BYZ 501

FRAME	Height 320 CROSS, rigid, reinforced, molybdenum chrome entirely chromium-plated
FORK	CROSS rigid TRX, molybdenum chrome, entirely chromium-plated
HEAD SET	HATTA MX No. 2, not BSC, red anodized
CRANK SET	SHIMANO DX FC MC 61, crank of 170, not BSC, chain, wheel 44 teeth, adjusts up to 180 by cam, red anodized
PEDALS	CROSS SHIMANO trapezoidal, PDMX11, not BSC, red anodized
HANDLEBAR	CROSS alloyed with red anodized V-shaped reinforcement, handlebar stem CROSS alloy SAKAE MX 420 BU, red anodized, red CROSS 132 ROYALE handgrips
SADDLE	CROSS BMX red without saddle clamp
SEATPOST	SHIMANO DX with saddle clamp FPMX20 red emblem
SEATPOST CLAMP BRAKE	SEATPOST CLAMP SAKAE in red alloy rear, alloyed, side pull calliper brake
HUBS	FRONT MAILLARD BMX alloyed, small red anodized side-plates 36 holes, axis of 9.5, nuts BTR, not BSC REAR HELICOSPORT BMX alloyed, small side plates, red anodized 36 holes, not BSC
FREE-WHEEL RIMS	HELICOSPORT 16 teeth alloyed, 20 x 1.75 ALESA 431 BMX, gold anodized
TYRES	Front CROSS with red 20 x 2.125 studs, translucent sides Rear CROSS with red 20 x 1.75 studs, translucent sides
PROTECTIONS	top tube, foam covered with white skai handlebar stem, foam with red skai V shaped reinforcement, foam covered with red skai
DEVELOPMENT	4.30

A full range of Yamaha BYZ clothing is available from your Yamaha dealer, comprising of shirt, pants, bodywarmer and helmet in factory team design.

Because of our ongoing efforts to make Yamaha bicycles even better, specifications are subject to change without notice.

YOUR DEALER



Yamaha Motor NV - Competition models information
Prof. E. M. Meijerslaan 3, 1183 AV AMSTELVEEN, Holland