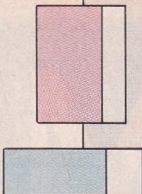


**29,565 DAYS
OF BICYCLE
KNOW-HOW**



□ A long, long time ago (1916 to be exact), in a land far, far away (Osaka, Japan), a company was founded. Not just any company, but a bicycle company. It humbly started out selling bikes to neighbors and nearby bike shops. As time progressed the company grew, and 62 years later, ventured into the fast-growing BMX market. With the help of bicycle experts R.L. Osborn, Frank Post, Kevin McNeal and Bob "Trash Can" Morgan, it introduced its first race bike, the top-of-the-line KZ 1 in December of 1979. Now, nine years after that first race bike, it's still in the thick of the BMX biz. The name of its top-notch race bike has changed over the years, but the name of the company hasn't. . . *Kuwahara!* Introducing . . . the Laserlite 3000.

BIT BY BIT

This year's Laserlite comes in either a green-white-and-chrome combo or the pink-white-and-chrome version that we had. A brief rundown of the parts includes Ukai rims laced to Sansin

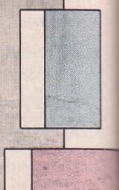


It's not pretty,

KUWAHARA LASERLITE

but it's good

3000



sealed-bearing hubs, a SunTour seat-post clamp, a Kuwahara laidback post, Dia-Compe Nippon brakes in the rear, 28-1/2-inch wide Kuwahara bars with imitation A'ME Tri grips slipped on, an Anlun stem with the Kuwie logo emblazoned on the clamp, and 180mm Anlun three-piece chromoly cranks with a sealed bottom bracket. This bike was definitely set up with the bigger rider in mind! We hadn't had much experience recently with Anlun cranks, so we were anxious to see how they'd hold up under some heavy thrashing. Based on looks alone, we figured that the Laserlite was in for a long day of testing. In other words, we were skeptical of a few of the components. It's a good thing for us that we make our living as magazine editors and not as psychics. Otherwise we'd be living in boxes in a grungy alley!

TESTING, 1, 2, 3, TESTING

The official *BMX Plus!* Test Force of the day included Scott Towne, Todd Britton, and Mike Miranda. Miranda's back

and was ready to loft some style for the cameras (as were Scott and Todd)! After taking the bike for a few quick laps, we lowered the stem as far as it would go. The front end seemed to be a little high, but it was fine after the minor stem adjustment. (We told you it was a big-guy's bike.) Getting speed on the Laserlite was no problem at all! The gearing was 44-16, but this thing accelerated fast! The overall light weight

BMX funnyman, CW Freestyle's team manager and this month's guest Test Force rider Mike Miranda. He may be semi-retired, but this picture proves he can still jump with the best of them.

Todd Britton, associate editor and bike-thrasher extraordinaire, lofts the Laserlite through the twilight at "Roscoe." The bike took all the abuse our Test Force could give it. ▶



This Christmas... Go First Class!

- ### FRAMES AND FORK SETS
- GT Performer... 89.95
 - GT Pro Freestyle Tour... 134.95
 - Hatch Pro... 138.95
 - Hatch Triostar... 154.95
 - Hatch Freestyle... 128.95
 - 87 GT Pro Series... 159.95
 - Hatch Freestyle... 129.95
 - CW Pro Master... 149.95
 - 1986 Haro Sport... 149.95
 - 1986 Haro Master... 149.95
 - 1988 Haro Sport... 149.95

- ### HANDLEBARS
- GT Pro Std... 22.95
 - GT Mini... 22.95
 - GT Pro Performer... 22.95
 - Hatch Pro... 22.95
 - Redline Performer... 22.95
 - Hatch Freestyle... 22.95
 - Vector-Haro Reg... 22.95
 - Powerte Pro or JR... 22.95
 - 1987 Haro Group I Racing... 22.95

- ### PEDALS
- SunTour XC II Race Claw... 119.95
 - Shimano MX 15... 36.95
 - MKS Graphite... 12.95
 - Victor X II Type Pedals... 12.95
 - Hatch-Pro, Freestyle Sealed... 69.95

- ### STEMS
- DK Pro Mini, XL... 121.95
 - Hatch F/S Stem... 24.95
 - ACS Rotor 55 Slane... 23.15
 - ACS Rotor 55 Slane w/rotor... 14.95
 - ACS Rotor Stem w/rotor... 14.95
 - Haro Group I Stem... 14.95
 - Odyssey 6-bolt F/S stem... 19.95
 - Odyssey Stem w/gro. dia... 29.95
 - Dyno SR Spin Tech Rotor & Stem... 16.95

- ### HEADSETS
- MX-2 Quick Adjust... 13.95
 - Trioga Bear Trap... 12.95
 - Trioga Sealed... 10.95
 - Trioga MX-1 sealed mech... 9.95
 - GT Epoch... 9.95

- ### CLOTHING
- Haro Leathers... 549.95
 - Haro Jerseys... 159.95
 - GT Jerseys... 159.95
 - NEW! MongOOSE... 34.95
 - GT Jerseys... 9.95
 - T-Shirts... 4.95
 - Haro Cotton Gloves... 17.95
 - Padlock Palm Gloves... 18.95
 - Haro Elbow Guards... 24.95
 - Dyno Shoes... 59.95

- ### PLATES AND NUMBERS
- Uni Cross-Fire... 9.95
 - Haro Series 1B White Face... 9.95
 - Hutch MongOOSE... 9.95
 - Redline Uni-Bar or 5-Bar Plate... 11.95
 - Zero Nine Mini-Flo... 30
 - Zero Nine Air-Flo... 30
 - Haro Stadium Numbers... 1.15
 - Uni Twin Line Number... 1.15
 - Haro Tech Numbers... 1.15

- ### 20" BUILT WHEELS
- Araya 7X-175 w/ alloy hubs... 549.95
 - Araya 7X or 7XN w/ alloy hubs... 64.95
 - Araya 7X or 7XN w/ SUSOX sealed... 109.95
 - Araya 7X or 7XN w/ GT Hubs... 69.95
 - Araya 7X or 7XN w/ Bullyeye Hubs... 64.95
 - Araya 7X or 7XN w/ ABS-spoke wheels... 49.95
 - NEW! ACS 2-Wheels... 39.95
 - 2-Wheels w/ alloy hubs... 79.95
 - Legal Action Magn... 87.95
 - ACS Z-485... 99.95
 - NEW! Peregrine HP 485... 99.95
 - GT Performer Mag... 99.95
 - ACS RL 488-w/ Freecaster... 59.95

- ### CHAINS AND FREENWHEELS
- Forge Chain 1/2 X 1/8... 5.95
 - GT Chain w/ drilled holes... 9.95
 - Team 2-tone 1/2 X 1/8... 4.95
 - Seeds Gray Chain... 5.95
 - Seeds Sport 1/2 X 3/32... 5.95
 - SunTour 16, 17, 18T... 5.95
 - SunTour 16, 17, 18T, 3/32... 24.95
 - Shimano DX, 16, 17, 18T, 3/32... 29.95
 - ACS Freecoaster Kit... 18.95

- ### RIMS 20" & 24"
- Uni Reg or Turbo Pro... 119.95
 - NEW! KRAMMA Freestyle... 10.95
 - KASHIMA Aero... 10.95
 - KASHIMA The Handler... 9.95
 - NEW! Odysey Stem... 8.95
 - Viscount Dominator... 7.95
 - Shogun III Freestyle... 6.95
 - Dyno Drain Pipe... 6.95
 - Dyno Drain Pipe... 8.95
 - GT Straight Post... 7.50
 - GT Lead Back... 8.95
 - Arbrobia 20 X 1.75... 2.95
 - Araya 24 X 1.75... 9.95
 - Snake Post... 9.95
 - KT Clamp... 3.15
 - Tuff Neck Clamp... 9.95
 - Hutch... 9.95
 - Odysey Jig Clamp... 9.95
 - Odysey Hinged Or Clamp... 9.95
 - Shogun II... 10.95

- ### AXLE PEGS & STANDERS
- GT Fork Standers... 14.95
 - GT Rear Frame Standers... 8.95
 - GT Rear Frame Standers... 8.95
 - GT Axle Pegs... 9.50
 - NEW! F/S Axle Pegs... 9.95
 - Haro Axle Pegs... 13.95
 - Hutch On-Axle Extender... 12.95
 - Comp Standers Angled Frame Standers... 10.95
 - Dyno Axle Peg... 10.95
 - Dyno Axle Peg... 10.95
 - Odysey RR Frame Standers... 10.95

- ### TIRES AND TUBES
- Comp III 20 X 1.75... 8.50
 - Comp III 20 X 2.125... 8.95
 - Comp III 20 X 1.5-1.8... 8.95
 - Comp III 20 X 1.75... 8.95
 - GT F/S Tires... 9.95
 - GT F/S Tires... 9.95
 - Comp Stadium Tires... 9.95
 - Comp Road Tires... 9.95
 - Comp Road Tires... 9.95
 - Haro Tires... 2.95
 - Hutch F/S Tires... 2.95
 - Avocat Tires... 2.95
 - NEW! AVANTAGE... 1.75
 - Superior Tubes... 1.75
 - Odysey Barefoot... 1.75

- ### GRIPS AND DONUTS
- NEW! Oakley D-wing... 8.50
 - AME, TI, Round... 4.50
 - NEW! AME Uni-Torn... 4.50
 - NEW! AME Super Soft... 8.50
 - NEW! AME Super Soft... 8.50
 - ODJ Mushroom... 2.75
 - ODJ Mushroom... 2.75
 - ODJ Mushroom... 2.75
 - ODJ Mushroom... 2.75
 - ODJ Mushroom... 2.75

- ### SAFETY PADS
- File Pad Set... 117.95
 - New GT Freestyle Pads... 19.95
 - Medline... 23.95
 - Medline... 15.95
 - Mongoose... 10.95
 - Dyno... 10.95

- ### SCOOTERS
- NEW! 1987 Mongoose Mini-Scout... 199.95
 - NEW! 1987 Mongoose Pro Mini-Scout... 129.95
 - Zoot Scooter 12"... 104.95
 - NEW! 1987 Mongoose Pro Mini-Scout... 109.95
 - Zoot Scooter 12"... 114.95
 - Zoot Scooter 14"... 119.95

- ### BRAKES AND BRAKE PADS
- MX901 w/ Tech 4 Lever... 115.95
 - 880 Freestyle... 12.95
 - F/S 883 Brakes... 3.95
 - Skyway Reg. Pads... 4.95
 - KSV Yans Brake Shoes... 7.95
 - Skyway Freestyle Pads... 1.15
 - Tony Cable... 12.95
 - Odyssey Six Cable... 13.95
 - ACS Mini Brake Levers... 13.95
 - Tech-4 Brake Levers... 13.95
 - Tech-1 Axial Levers... 13.95
 - RK3 Odysey Lever w/ Button... 13.95

- ### HUBS
- Hutch Sealed... 69.95
 - Bullseye Sealed... 69.95
 - GT Hubs... 29.95
 - GT Race Lace Hubs... 29.95
 - Hutch Sealed... 29.95
 - Suzie Sealed... 29.95
 - Suzie Large Flange... 29.95

- ### ROTORs
- ACS Rotor - Dranglex Device... 36.50
 - NEW! ACS V1 Rotor... 19.95
 - Skyway Signmaster... 15.95
 - Odyssey Gyro... 3.95
 - Gyro Replacement Cables... 3.95

- ### SEATS & POSTS & CLAMPS
- Uni Reg or Turbo Pro... 119.95
 - NEW! KRAMMA Freestyle... 10.95
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 - KASHIMA The Handler... 9.95
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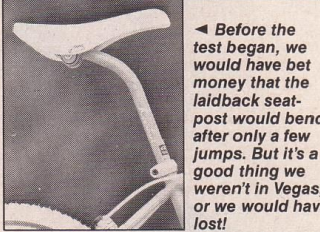
KUWAHARA

definitely didn't hurt the bike's need for speed. One problem, however, was the Cheng Shin tires. They would not grip! That made cornering and landing extremely difficult. Switching to some real Comp Ills is the best wish you could grant the Laserlite.

Even with the not-so-hot tires, the guys had no problem jumping for their lives. The handling in the air was great! It was totally neutral in the air. It didn't endo and it didn't loop. In fact, Scott pulled off his first no-hander ever! He wouldn't have even considered it if the bike didn't handle. The head honchos at Kuwahara told us that this year's Laserlite has the same geometry as the bikes Gary Ellis and Clint Miller rode to World Championship titles in 1983. World Champs are very particular when it comes to the bike they ride, so that says a lot for the Kuwie.

The Anlun stem kept slipping on us. Not a lot, but just enough to bother the riders. We gorilla-tightened the stem, and it held for a while. Considering the altitude the guys were getting and the sometimes not-so-smooth landings, then it wasn't so bad. Greasing the threads would help. The big surprise of the day was the Ukai rims. After an entire day of testing, the rims were still totally straight! Rims are usually the first things to head south when we test a bike, but not on the Kuwahara. These rims are strong! Whoever builds the wheels for these bikes should be given a raise! Another A-plus on the Kuwahara report card went to the Dia-Compe Nippon brakes. Even after the rims became dusty, dirty and grimy, the brakes could still stop on a dime. The lever was a little too long and straight for our tastes,

If you're a proud Laserlite owner, just make sure you grease the threads on the stem before you ride. Once you've done that, you shouldn't have to mess with it. ▲



Before the test began, we would have bet money that the **laidback seatpost** would bend after only a few jumps. But it's a good thing we weren't in Vegas, or we would have lost!

though. Bending the lever is a quick and painless cure to hitting your knuckles when pulling in the lever.

Although tons of bikes have them, including the Laserlite, the fake A/ME grips are the worst! We can't understand why so many bikes have them. All of our

SPECIFICATIONS: KUWAHARA LASERLITE 3000

- I. FRAME AND FORK:** Type: Racing, age range 13 and over. Frame design: 1-1/8" O.D. top tube, 1-1/4" O.D. down tube. Frame construction: 4130 chromoly. Fork construction: Chromoly, tubular, leading-axle design, 1-1/8" O.D. fork legs. Wheelbase: 36-1/4" to 37-3/4". Bottom bracket height: 11" (center of bottom bracket to ground). Chain stay length: 15-1/4" (center of bottom bracket to midpoint of rear dropouts). Steering head angle: 73°. Seat tube angle: 71°.
- II. WHEELS:** Rims: Udal Silverlites. Hubs: Sanson, sealed. Tires: Chen Shin, 20" x 1.75", front and rear. FreeWheel: SunTour 16T, chromoly.
- III. DRIVETRAIN:** Pedals: Victor, beartrap-type, 9/16" chromoly shaft. Cranks: Anlun, 3-piece, 180mm, chromoly. Front sprocket: Kuwahara 44T, alloy, with Anlun alloy spider. Bottom bracket: Anlun, sealed bearing. Chain: KMC, 1/2" x 3/32".
- IV. STEERING:** Grips: A/ME TI type. Handlebars: Kuwahara, 28-1/2" by 8-1/2" rise. Stem: Anlun, alloy clamp, chromoly shaft. Headset: Anlun.
- V. SEATING:** Seat: Viscount Dyna. Seatpost: Kuwahara, laidback. Seatpost clamp: SunTour.
- VI. BRAKES:** Callipers: Dia-Compe Nippon (rear only). Levers: Tech 6.
- VII. ACCESSORIES:** Kuwahara padset.
- VIII. WEIGHT:** 23-1/2 lbs.
- IX. PRICE:** \$360.
- X. COUNTRY OF ORIGIN:** Japan.
- XI. ADDITIONAL INFO:** Everything Bicycles 1250 Mahalo Place Compton, CA 90220



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