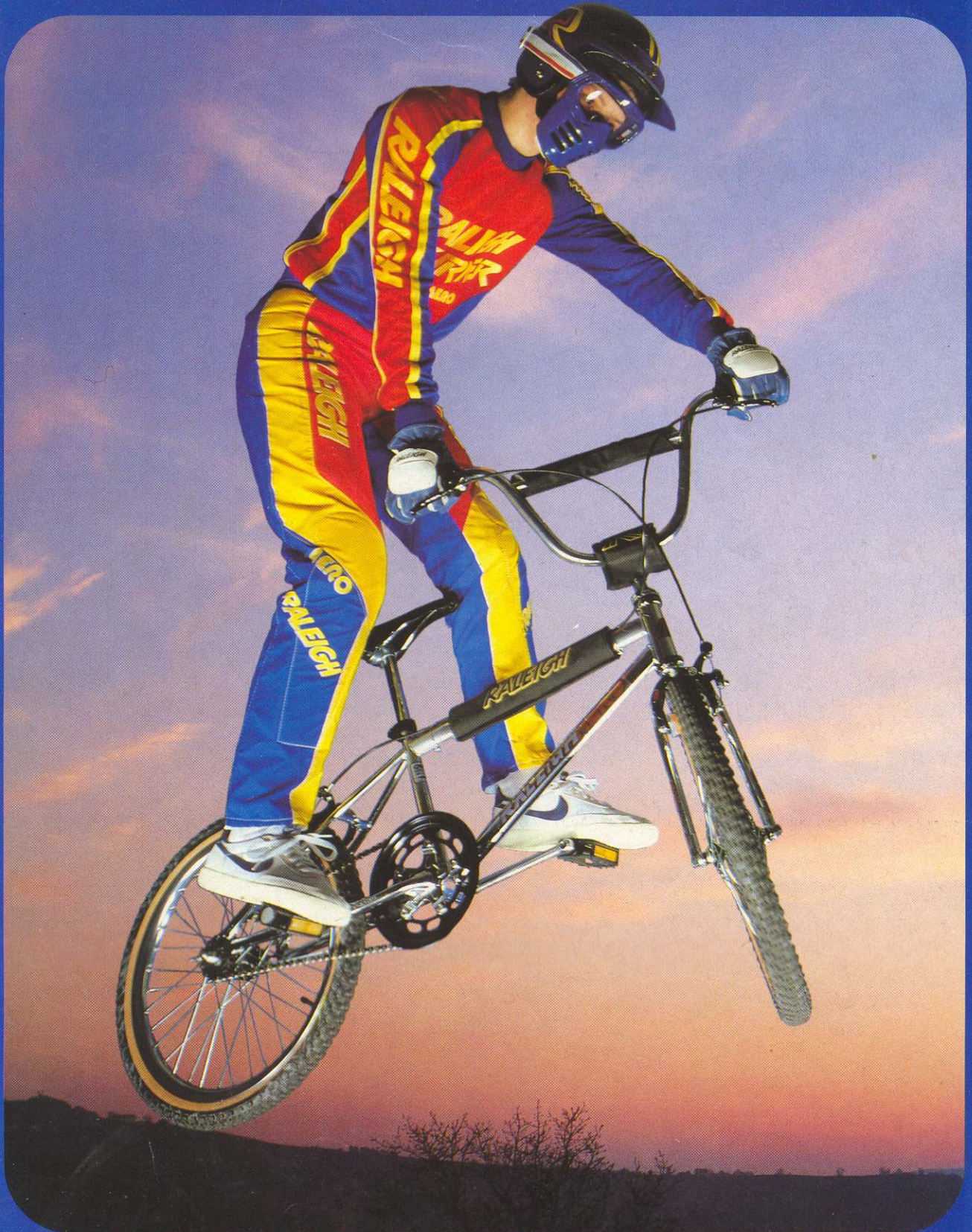


# RALEIGH

BURNERS



Go for it with Aero Frame Burners

Raleigh's 1984 range of Aero Burners sets new standards in BMX bikes.

**There's the new frame** – Using Raleigh's Oval Competition Section tubing.

The forces acting on a BMX frame and fork due to braking, riding over bumpy surfaces, jumping and stunting are much greater than those caused by the pedalling action of the rider.

Raleigh's Oval Competition section tubing has been carefully designed to take this into account. We have engineered-in frame stiffness by using a tubing of elliptical section, aligning its major axis with the important vertical plane of the frame. And this has been achieved without affecting the overall weight of the bike.

We've also changed the geometry of the frame. All of the 1984 range uses a 69° geometry, giving the bikes a bigger, more upright, longer wheelbase, totally flex-free frame, making them more responsive.

**There's more Chrome-Moly** – Raleigh's Cr-Mo tubing is used on every model in the range except for the Mag, Basic and Mini Burner. This extensive use of Cr-Mo tubing saves weight without sacrificing strength. An ideal combination for racing.

**There's radical new styling** – As important as strength in the fast changing world of BMX are style and spec. innovation. The sheer good looks, state of the art construction and spec. detail set new standards in technical excellence. Check out the 1984 Aero Burners.



### SUPER TUFF BURNER

The Super Tuff Burner is just built for BMX. Lightness and strength is what's needed in racing. With the Super Tuff that's what you get –

- Frame, fork and stays – Cr-Mo Raleigh Oval Competition section tubing
- Handlebar – Cr-Mo 670mm straight brace
- One piece crank – Cr-Mo polished
- Seat pin – Cr-Mo
- Pedal axles – Cr-Mo

Other features include Dia Compe brakes with Tech 3 levers, Suntour alloy seat clamp, 'Tange' grips, Aeroyal saddle.

All of this on a machine with Skyway unbeatable Black Tuff II wheels.

Super Tuff, a 'trick' bike.

Gold Superchrome

Frame Size: Suitable for inside legs 22-30 ins.



### AERO PRO BURNER

The Aero Pro caused a sensation when it was launched in '83. BMX Action Bike Magazine said "... a bike serious riders should seriously consider... a Cr-Mo contender for the BMX Hall of Fame." For '84 it has been improved still further with:

- The latest Sun Tour alloy stem.
- Dia Compe Tech 3 levers.
- Tange grips.

The rest of the spec oozes with race bred quality –

- Super qual. wheels with Suntour sealed bearing hubs, Araya Aero rims and Comp II skinwall tyres.
- Kashimax Aero saddle
- Dia Compe MX brake calipers
- Cr-Mo handlebar and seat pin.

All of which are mounted on the mirror finish aerodynamic Cr-Mo frame and forks.

Full chrome plate.

Frame Size: Suitable for inside legs 22-30 ins.

Full B.S.I. reflector kit supplied.



### ULTRA BURNER

The Ultra Burner has grown up into the complete BMX racing machine, with a specification that reads like the who's-who of BMX.

- Raleigh Oval Competition Section full Cr-Mo frame fork and stays
- Araya Aero alloy rims
- Sakae alloy platform pedals
- Suntour four bolt alloy stem, hubs and seat clamp
- Dia Compe brakes with Tech 3 levers
- Sugino MX2 chainwheel with Cr-Mo O.P.C.

● Tange chrome steel bearing headset, Straight bar Cr-Mo handlebar, Cr-Mo Seat pin, 'Tange' grips, Lightweight pads and Aeroyal saddle mean that the Ultra Burner will make you a real contender for honours in 1984.

Gloss Black

Frame Size: Suitable for inside legs 22-30 ins.

### NIGHT BURNER

With Raleigh's Oval Competition Section Cr-Mo main tubes, and Cr-Mo fork, the Night Burner is a cool BMX racing machine. The Night Burner's sleek specification oozes sensational style –

- Alloy rims and brakes
- Two tone grips
- Maillard Diablo alloy hubs
- Cr-Mo 670mm handlebars
- Thermoplastic platform pedals
- Sugino detachable alloy chainset
- New Aeroyal saddle.

Titanium Black Superchrome.

Frame Size: Suitable for inside legs 22-30 ins.



### CHROME BURNER

Unbelievable – that's the only way to describe the value that Chrome Burner offers.

- Four bolt alloy stem
  - Chrome steel bearings headset
  - Alloy seat clamp
  - Black thermoplastic pedals.
- That's not all!
- Alloy brakes,
  - Lightweight pads,
  - 30 Micron chrome plating. And more.
  - It's built on a Cr-Mo main tube Oval Competition Section frame.

Great bike. Great value.

Full Chrome Plate.

Frame Size: Suitable for inside legs 22-30 ins.

### SUPER BURNER

Since its introduction in 1982, the Super Burner has become a BMX classic. It was updated in 1983 with –

- Alloy rims and brakes,
- Aero style saddle,
- Tough thermoplastic pedals,
- Lightweight pads.

Now the Super Burner 1984 style has

- Cr-Mo Raleigh Oval Competition frame,
- Special section fork,
- Hi Press steel seat pin,
- 'Tange' BMX grips
- Alloy seat clamp.

Gold Superchrome

Frame Size: Suitable for inside legs 22-30 ins.



### MAG BURNER

The ideal machine for the street wise kid. Check out the spec. –

- Simplex 7-spoke wheels,
- Alloy seat clamp,
- Alloy four bolt stem,
- Alloy brakes.

Then check out the price.

Few bikes at this price have chrome steel bearing headsets.

- Thermoplastic platform pedals with Cr-Mo axles.

Even fewer have

- 'Ultramid' wheels and non, apart from the Mag Burner, are made with Raleigh Oval Competition Section Carbospec 23 frame and fork tubing!

Blaze Blue

Frame Size: Suitable for inside legs 22-30 ins.

## BURNER (BLACK)

The Black Burner is a mean machine with Gloss Black frame, fork, handlebar and chainwheel disc plus Red livery. This is for the BMX-er who wants to Burn off the opposition in real style.

- Two tone grips,
- Lightweight pads,
- Aero style saddle,
- Thermoplastic platform pedals,
- Alloy seat clamp.

Quality items normally only found on mega expensive machinery.

The Black Burner is not all style, it has a heart of –

- Raleigh Oval Competition Section Carbospec 23 steel frame and fork tubing,
- The wheels are built with rugged 12G spokes on hubs with strengthened axles,
- The headset has chrome steel bearings,
- The thermoplastic platform pedals with Cr-Mo axles are mounted on a tough one piece steel crank.

Gloss Black

Frame Size: Suitable for inside legs  
22-30 ins.



## BURNER (RED)

The backbone of Raleigh's Burner range has been strengthened even more.

- Built on a full Carbospec 23 frame and fork featuring Raleigh's Oval Competition Section tubing, the Burner has many top quality items to cope with life both on and off the road.
- The headset has chrome steel bearings,
- The wheels are built with 12 gauge spokes on hubs with strengthened axles
- The thermoplastic platform pedals have Cr-Mo axles.

The Burner also has lightweight components, normally associated with models twice its price –

- Four bolt alloy stem,
- Anodised alloy brakes,
- Alloy seat clamp
- Lightweight pads to protect you if the new Burner tempts you to get too rad!

Flame Red

Frame Size: Suitable for inside legs  
22-30 ins.



## MINI BURNER – CHROME

The Mini Burner plus sparkling 30 micron chrome plating allows the young BMX-er to have a model with bang up to date style.

The specification features

- Two tone grips,
- Lightweight pads,
- Four bolt alloy stem
- Full ball bearing headset.

The Chrome Mini Burner will make the rider the envy of all.

Full Chrome Plate

Also available in Flame Red or Blaze Blue,

Frame Size: Suitable for inside legs –

17½-22 ins.



## Technical Specifications

MODEL	AERO PRO BURNER	ULTRA BURNER	SUPER-TUFF BURNER	NIGHT BURNER	SUPER BURNER	CHROME BURNER	MAG BURNER	BURNER (BLACK)	BURNER (RED)	MINI BURNER	
FRAME	FULL CHROME MOLY TIG WELDED AERO		MAIN TUBES CHROME MOLY			CARBOSPEC 23					
FORK	CHROME PLATED	GLOSS BLACK	GOLD SUPERCHROME	BLACK SUPERCHROME	GOLD SUPERCHROME	CHROME PLATED	BLAZE BLUE	GLOSS BLACK	FLAME RED	FLAME RED BLAZE BLUE CHROME PLATED	
HANDLEBAR	CHROME PLATED	GLOSS BLACK	GOLD SUPERCHROME	BLACK SUPERCHROME	GOLD SUPERCHROME	CHROME PLATED	GLOSS BLACK	GLOSS BLACK	GLOSS BLACK	FLAME RED BLAZE BLUE CHROME PLATED	
STEM	SUNTOUR ALLOY 4-BOLT CHROME MOLY STEM		SAKAE ALLOY 4-BOLT SILVER TOP			ALLOY 4-BOLT					
HEADSET	BLACK	GOLD				SILVER/BLACK					
BRAKES	DIA COMPE MX TECH-3 LEVERS BLACK	DIA COMPE TECH-3 LEVERS		WEINMANN ALLOY			ALL ALLOY		STEEL		
GRIPS	TANGE BLACK	BLACK	RED	GOLD	BLACK	BLUE	RED	GOLD	CHROME PLATED		
SADDLE	KASHIMAX AERO WITH SAFETY CLIP BLACK	BLACK	AEROYAL WITH SAFETY CLIP BLACK	BLACK	BLACK	BLACK	BLUE/YELLOW	BLACK/RED	TWO TONE RED/YELLOW	VARIOUS	
SEAT PIN & CLAMP	CHROME MOLY 1/8" CHROME PLATED PIN SUNTOUR BLACK ALLOY CLAMP		HI-PRESS STEEL 1/8" CHROME PLATED PIN BLACK ALLOY CLAMP			STEEL CHROME PLATED					
PEDALS	SAKAE ALLOY CHROME MOLY AXLES		SUGINO MAXY CROSS CHROME MOLY AXLES WITH REFLECTORS			RUBBER BLOCK WITH REFLECTORS					
CRANKS	POLISHED CHROME PLATE	CHROME MOLY OPC CHROME PLATED		HEAT TREATED STEEL OPC CHROME PLATED			STEEL COTTERED CHROME PLATED				
CHAINWHEEL (ALL WITH DISCS TO BS6102)	SUGINO MX2 44T ALLOY RING BLACK	GOLD	SUGINO MX2 40T ALLOY RING BLACK	RED	GOLD SUPERCHROME	GLOSS BLACK	GLOSS BLACK	GLOSS BLACK	GLOSS BLACK	32T HIGH TENSILE & COLOURED PLASTIC DISC	
BOTTOM BRACKET SET	TANGE-CHROME STEEL BEARINGS					SINTERED PLAIN BEARING					
CHAIN	92L x 1/2" x 1/8" LIGHT GOLD	GOLD	GOLD	BLACK	GOLD	88L x 1/2" x 1/8"	BLACK	BLACK	GOLD	72L x 1/2" x 1/8" BLACK	
SPROCKET	16T FULL BALL BEARING FREEWHEEL					14T FREEWHEEL FULL BALL BEARING					
HUBS	SUNTOUR SEALED BEARING, ALLOY BLACK	SUNTOUR ALLOY CROMO AXLES GOLD	SKYWAY TUFF II BLACK WHEELS	DIABOLO ALLOY RED	HEAT TREATED STEEL SHELL & AXLE CHROME STEEL BEARINGS		SIMPLEX 7-SPOKE YELLOW WHEELS	HEAT TREATED STEEL SHELL & AXLE CHROME STEEL BEARINGS		STEEL BEARINGS	
RIMS	ARAYA AERO ALLOY SILVER 14G SPOKES	GOLD 14G SPOKES		RED 14G SPOKES	WEINMANN ALLOY GOLD 14G SPOKES	CHROME PLATED STEEL 12G SPOKES		12G SPOKES	CHROME PLATED STEEL 12G SPOKES	14G SPOKES	
TYRES	MITSUBOSHI COMP III 20 x 1.75 FRONT & REAR SKINWALL BLACK	+ ALLOY VALVE CAPS BLACK	BLACK	BLACK	BLACK	20 x 2.125 FRONT, 20 x 1.75 REAR COLOURED GUMWALL	BLACK	BLUE	BLACK	YELLOW	
PADS	3 LIGHTWEIGHT PADS, VELCRO FASTENING					VARIOUS					
EXTRA'S	FULL SET BS6102 REFLECTORS										
WEIGHT (EXCL. REFL')	11.1kg (24 1/2lb)	12.7kg (28lb)	13.8kg (30 1/2lb)	12.9kg (28 3/4lb)	13.4kg (29 3/4lb)	14.1kg (31lb)	14.1kg (31lb)	14.1kg (31lb)	14.1kg (31lb)	10.9kg (24lb)	