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Announcing
the greatest
invention since
the bicycle.



The Zike.™

The Zike is the world's first viable electric-powered bicycle, no less.

And when you have one, it could well change the way you travel, if not the way you live.

When you want to pop out to the shops, you needn't get the car out.

And why bother to wait in bus queues to get to work?

Or, indeed, sit fuming in traffic when you could be doing the journey in

half the time on two wheels.

But perhaps the best way to describe this revolutionary concept is to take you on a short

Zike ride. So sit on the saddle. Now, you see that little lever on the handlebar under your hand? Right? Select your power setting, squeeze the lever and WHEEE...

Suddenly you're gliding along the street. But you're *not* pedalling.

Head winds and hills, the twin terrors of cycling, are now irrelevant.

When you stop, we wager your first words will be "That's absolutely amazing."

Then you'll start asking all sorts of questions.

"How does it work?" Well, the Zike has a small but incredibly powerful motor which takes its



The lever that makes the Zike go.



The cost of a recharge.



power from a battery pack contained within the frame cross-member.

"How do I control the Zike?" The switch on the handlebar has 3 different power settings.

In position 1 the Zike does *all* the work giving you a range of up to one hour's riding.

In position 2 the Zike does most of the work, and the range extends to one and a half hours.

Position 3 is the most commonly used, and here you pedal normally but the motor takes the strain out of hills and headwinds - the range is then two to three hours.

"How fast is it?" The Zike has a legally limited

maximum speed of 15 mph.

"How do I recharge the batteries?" It couldn't be simpler. The Zike comes with a portable high-speed recharge unit complete with plug.

Plug it into any 3pin socket and your Zike will be fully recharged in an hour for less than a penny.

"What happens if the battery runs out?" No problem. Just pedal.

"How much does the Zike cost?" The price is £499, including VAT, battery charger and delivery to your home.

"Can I ride it in the park?" The Zike can be ridden anywhere you can ride a normal bike.

"Will I need tax, insurance and a driving licence?" No, no and no.

"Where do I put my shopping or briefcase?" Glad you asked, because a large rear basket is available for £25.00.

"Can my children ride the Zike?" As long as they are 14 or over, yes. (Indeed, you probably won't be able to keep them off it.)

There's also another question everyone asks after their first ride.

"Why didn't anyone think of it before?"

Well, the fact is they did. But previous designs were always impractical because the necessary technology didn't exist.

Designers were unable to produce a vehicle that combined a sufficiently high battery power output with a weight that was low enough to give the bicycle a worthwhile range.

Now, however, Sinclair Research designers have made several major breakthroughs without



The frame construction is aluminium alloy and 'Verton' from ICI Materials.



Where's the battery? In the front cross member.

FREE

which the Zike's development would not have been possible.

The batteries, for instance, are nickel-cadmium cells which are half the weight of the lead acid type, allow four times as many recharge cycles and recharge in a tenth of the time.



The Zike's recharger unit measures 16cm x 12.5cm x 7.5cm

allow four times as many recharge cycles and recharge in a tenth of the time.

The motor employs a new form of 'rare earth' magnet, resulting in a unit that can propel a 17 stone

man along at 15mph, yet is smaller than a jam jar.

A regenerative braking system has been pioneered, so when you go downhill energy that would normally be wasted in braking recharges the battery.

And the Zike's frame is constructed from aircraft-grade alloys and the latest ICI composites to give maximum strength, yet an all up weight of just 24 lbs - no more than a racing cycle.

It is built in Birmingham, patents are pending and the Zike comes with a year's warranty.

By now, probably only one question remains: "How do I get one?"

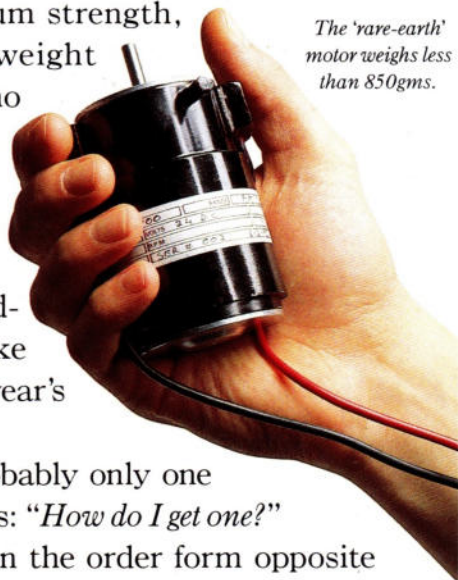
Simply fill in the order form opposite and send it with your cheque, or call us with your credit card number.

Production of the Zike has commenced. But as significant deliveries will not be made until early May, orders will be despatched on a strict rotation basis.

So the sooner you get your order to us, the sooner you'll be on your Zike.



The 'rare-earth' motor weighs less than 850gms.



TECHNICAL SPECIFICATIONS.

<i>Frame Construction:</i>	Anodised high-tensile aluminium and 'Verton' from ICI Materials.
<i>Total Weight:</i>	11kg (24lbs)
<i>Length:</i>	115cm
<i>Height:</i>	100cm (to handlebars)
<i>Wheelbase:</i>	85cm
<i>Tyre Size:</i>	30cm x 4.8cm
<i>Motor:</i>	Neodymium-Iron-Boron magnet
<i>Battery:</i>	Nickel Cadmium
<i>Battery Charge Cycles:</i>	2000 typical
<i>Recharge time:</i>	1hr
<i>Braking:</i>	Front & rear: cable Rear: Regenerative electrical
<i>Options:</i>	Basket - 40.6cm(h) x 43.2cm(l) x 22.2cm(w)
<i>Rider Capability:</i>	Anyone 14 years and over. 5'0" to 6'6": Up to 17 stone
<i>Guarantee:</i>	1 year

ZIKE ORDER FORM.

Please send me: Sinclair Zike Quantity Price each £499
 Basket Quantity Price each £25.00 Value of order
 I enclose a cheque payable to Sinclair Research Ltd for £
 OR please debit my credit card (please tick box) Visa Mastercard
 Card No.
 Expiry Date: Month Year Credit card hotline (0933) 279300
 Signature: _____
 Name: _____
 Address (block capitals please): _____

 Postcode: _____
 Delivery Address (if different from above): _____

 Postcode: _____
 Send to: Vector Services Limited, 13 Dennington Rd., Wellingborough, Northants NN8 2RL. Telephone: (0933) 279300.
 Package and posting included (orders from UK and Channel Islands only).

