

As a bowerbird I'd be a sad, lonely male. I've never been attracted to bling or shiny metal objects. That was until the unveiling (or, in our case, the un-boxing) of the Enigma Excel.

This bike arrived early and literally hung from a hook above me for several weeks, taunting me as we worked frantically to finish the previous issue. On more than one occasion I succumbed to my reptilian brain and found myself staring wistfully at the shining, polished titanium in some kind of voodoo trance. Each day as I sat down at my desk I'd find myself captivated by the light bouncing off its gleaming surface.

Yes, it's shiny but the Enigma has an elegance which surpasses the finish of the frame.

The subtle details in the tube shapes hint that this is not just another high priced titanium rig with pretty welding. When a bike hangs from our office's vertical bike rack it gives one the perfect vantage point to notice details of a frame which could otherwise go unnoticed. The rear triangle of the Enigma is a thing of beauty. Slight shaping and tapering of the seatstays and an understated sculpting of the chainstays make for than one of just straight-gauge tubing.

With this frame, modern ideas meld into traditional aesthetics in such a way as to surreptitiously hide at first glance what has really flex test jig so, as far as we can tell, nothing has sorts of positions trying to find the seams.

been achieved. The contemporary specifics such as the integrated headset don't immediately jump out. This is a frame that will please the tech-heads but shouldn't alienate traditionalists. It's light, but not to the extreme of contemporary carbon-

road bike range and it's easy to see why, although there are quite a few other titanium models and a very tidy looking steel option with the Elite. The frame's designer has allowed nothing to interfere allow it a place in the market.

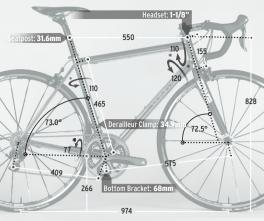
'Exogen' is Enigma's name for the process rear stays and while traditionalists may tell you - in a condescending voice - that "nothing is that will have to remain just that. stronger that a round tube", there are applications in high stress areas. Carbon frame manufacturers have experimented with sculpting and moulding worlds in the titanium realm?

been lost, with the Excel posting slightly stiffer numbers than the titanium Firefly (RIDE #61).

Enigma's Mark Reilly has been creating bike frames for 26 years. He is one of the most respected builders in the UK. When asked what the goal was fibre frames, and it's elegant without being retro. in designing the rear stays, a one-word answer was This is the flagship of the British company's all that was tendered: "stiffness". By changing the form, the strength of the rear stays could be enhanced while still retaining the excellent ride qualities inherent in titanium.

The 6/4 double-butted titanium used for the with his vision for the Excel, so much so that the Excel is seamless and this is one area where I price mark-up on this frame had to be reduced to could glean almost no further information from Mark. Yes, it's 6/4, strong and seamless; and no, he insisted, "I won't tell you how they do it." Fair used to create the interesting shapes used in the enough too, as this point of difference sets the bike apart from the herd. This is one trade secret

The mirror-polished finish on the bike in this where stiffness can be enhanced by manipulating test is by far the most expensive choice but there tube shapes to better cope with directional forces are three other options and they can relieve wallet stress. The default is hand-brushed but frames can be bead-blasted, anodised, painted or the rear of frames to get specific results for some a combination. For the extra dough though you a rear end with a much more refined appearance time now. With recent advances in metallurgical can have fun playing with minds. I had a selfmanipulation why not have the best of both confessed titanium tragic ask: "Is that stainless?" After stating that it's 6/4 Ti, you can enjoy five The Excel provided strong numbers on our minutes of watching said tragic contort into all



num external circumference of tube. (Meas

For me though, while the finish is special – and, as a side note, relatively easy to clean - the frame design is the feature. Any finish would do. This could truly be the last road bike I would need to buy. At 1.3kg for the 55cm frameset and under seven kilos for this bike, weight definitely isn't an issue. With a glut of light components available, the distributors could have gone crazy with a ridiculous spec that would look even better on paper. But they held back and I'm glad they did. This build, while still light, is a sensible and practical one. There would be no nervous thoughts of component weight limits as I hurtled down my favourite descents, allowing me to enjoy the frame all the more.

From the first pedal stroke I could tell the time spent on the Enigma was going to be pleasurable. The Excel is all I had hoped it would be. It has an alert, agile feeling through the bars and an eager spring in the tail. I've ridden bikes that do everything right: handling, stiffness, weight... but the Enigma has something else – something special. There is no other bike that I've felt so instantly in tune with.

At this point I started to get a feeling of dread that this review may sound like an advertisement. I started to look for some bad points. Nothing immediately came to mind. The Mavic Yksion Pro tyres spec'd are 23mm which don't sit well with the office preoccupation with wide tyres. Although 25s could fit the frame there was no need to change as the comparatively slender Mavics performed admirably. If time had allowed I'd have extended my first ride a few more hours. As it happened it was a good thing I didn't... alas the Enigma saddle was *not* for me and needed to be swapped. Ah, crisis averted. Bad point: I don't like the saddle.

The second ride made me smile all day. The Excel's low weight and eagerness to climb had me picking routes I would have usually avoided. My rhythm while climbing was made easier by the return from the bottom bracket. This gave the sensation of the frame not just responding to my efforts but working with me. The Excel also has the right balance of feel and damping. I could notice the road texture, every bit in fact, but it was muted and allowed sensation without vibration. Larger road imperfections were handled with the same poise. Where stiffness was once my main desire, these days finding the sweet spot between feel and comfort is the holy grail in frame design. Mark has, in my opinion, found it. >



The shift quality of new Dura-Ace mechanical nails its design brief: nimic the speed and feel of electronic Combined with clean external cable routing, it's very difficult to better.



As unapologetic fans of fat road tyres we expected less from skinny 23C Mavics, but were pleasantly surprised by the grip and comfort provided by the front/rear-specific treads.



ler diameter bottom bracket cups of new eaded bottom brackets use smaller diamet nd more of them) than the previous models The theory is that smaller bearings spin faster than large bearings, in addition to being lighter.

It's rare to see such heavily formed tubing in a titanium frame. These shapes used to require serious crimping or the cutting and welding of sheet titanium. Recent advance in fluid forming and other manufacturing techniques have allowed titanium to become even more desirable.



Specifying an Enve fork seems to be de rigueur for any self-respecting frame sunnlier these days, which is frame supplier these days, which otally fine with us. It's light, stro and steers beautifu



This saddle didn't win many friends, but the rest of the Enig components were excellent withou stealing any fanfare from the rea star of the show... the Excel frame



Classic from a distance, modern clos up. The shaping of the rear triangle delivers a lovely mix of the stiffnes: required for quick accelerations with titanium's signature road feel.







It might not win a side by side comparison against a certain titaniun master from Geelong, but the weld quality on display in the Enigma is certainly of a very high standard.



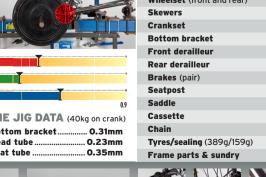
Hexagonal half cap? That's what we'll call this tidy drop-out design. Light and strong with plenty of surface area for welds. Pairing this frame with a quietly excellent parts kit results in an excellent all-round machine, or what we used to call a road bike.





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| m Total Total | |
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| 0.0 | 0.9 |
| RAME JIG DAT | (40kg on crank) |

| ۰ | .0 | | 0.7 | |
|--------------------------------|-----------|--------|--------|--|
| FRAME JIG DATA (40kg on crank) | | | | |
| | Bottom b | racket | 0.31mm | |
| | Head tube | à | 0.23mm | |
| | Seat tube | | 0.35mm | |
| | | | | |



| THE SUM OF ALL | PARTS |
|----------------------------------|--------|
| Frame (bare, no fittings) | 1,313g |
| ork (with race) | 336g |
| leadset (integrated) | 74g |
| Stem | 141g |
| Bar (no tape) | 282g |
| .evers (pair) | 364g |
| Vheelset (front and rear) | 1,429g |
| skewers | 126g |
| rankset | 638g |
| Bottom bracket | 65g |
| ront derailleur | 77g |
| Rear derailleur | 160g |
| Brakes (pair) | 296g |
| Seatpost | 203g |
| Saddle | 220g |
| Cassette | 173g |
| Chain | 236g |
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» After a few climbs and a short rest at a

picturesque spot it was time to test the Excel on a

fast descent. Approaching with caution, and going a bit lightly for the first couple of twists to

test tyre grip, I let go and threw caution to the wind. Stability and predictability are the qualities

we all want; the Enigma is impeccable in this

regard. Leaning in for a particularly tight left hander saw me having to adjust my line quite significantly to avoid a longneck turtle on a suicidal jaunt across the road. I'm happy to say the turtle and myself are alive and well. I'd like to think it was my lightning fast reactions and bike handling skills that spared the collision but I'd

As I rode on I got another dreadful thought.

I'd have to give this bike back. Not to worry,

every time I've ridden a test bike I like I hop back on my old Merckx... and I'm content. I go for a nice long ride and forget about new temptations.

I told myself: just enjoy the Enigma while you've

Every ride was better than the last, the Enigma

was starting to feel like my bike. I really couldn't

think of any bike I'd rather be on, I was getting

attached. But I rode on safe in the knowledge that my trusty old Merckx would pull me back to reality. The day came and back to the office this

test bike went. A few days later, along came a courier – and it was gone forever. Time to saddle

up the Merckx for some rehabilitation. But, alas, the magic has gone, my head has been turned

Goodbye Eddy old friend, we had some great

rides over the years but it's time to move on. (FOR PRICE, WEIGHT AND SPECIFICATION DETAILS OF THE ENIGMA EXCEL. SFF P 207)

Over several weeks I rode the Enigma when the opportunity for a *proper* ride was presented.

wager the bike helped a bit too.

got it and that will be the end of it.

and there's no going back.

Decals? Nah, not for this titanium frame. Instead, every graphic element has been etched. Enigma prides itself on the use of materials and finishing.

The polished option we had for review is the most expensive but there is a vast range that has colours made famous in the auto industry including Lotus racing green, Aston TDF blue, VW orange, Ferrari pearl... it's all part of the Paintworks scheme and customers can select their preference when finishing their order.





MULTIPLE CHOICE

Like you, cycling is our passion. And to fuel that passion, we believe in offering you, our customers, the biggest choice of the worlds best brands

Whether it's a local coffee shop ride, a ride in the hills or your favourite race, we can help you pick the equipment that is right for you.

I'm looking for a shop which has

- A) Standard bike stock
- B) Pro tour replica bikes C) Custom built bikes
- D) All of the above

I'm looking for a bike shop

 A) Helps me select the bike which is best for me

) B) Selects the bike which is best for the bike shop

I would like a bike shop

- A) With one brand choice
- B) With limited brand choices C) With lots of brand choices

I want a bike shop which

- A) Caters for road riders B) Caters for mountain bike riders
- C) Caters for my family
- O) Caters for my children
- E) All of the above

I wish my local bike shop would

- A) Tell me what I need
- B) Listen to my needs



MERIDA

PINARELLO



BMC

Bianchi LAPIEARE

APOLLO



Malvern Star

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