Fusion watchmaking may still be a hot horological topic, but one man already appears to be redefining the term by blurring the lines between micro-mechanics and heavy engineering. His name is Bernard Richards, and his BRM brand is fast heading for pole position in the world of exclusive yet accessible motor-inspired wristwatches. Even BRM's first movement, premiered in the brutish new Birotor, manages to look like an engine. Simon de Burton gets down to the nuts and bolts of what really makes a petrolhead watchmaker tick.



(Above) The 'BR' of BRM - Bernard Richards, whose bespoke tooling company first produced its own watch in 2002. He draws inspiration from his collection of 22 classic racing motorcycles.

"The simple fact is, I can't live without them. There are 11 inside my house and I have to keep a few more in the workshop just to look at for day-to-day inspiration," says Bernard Richards of his 22-strong collection of classic racing motorcycles, which ranges from a jewel-like 50 cc Derbi to a fire-breathing Aermacchi GP winner.

A glimpse at any one of his watches tells you Richards isn't joking - these are timepieces for the seriously mechanically minded; designed and forged for people who appreciate the beauty in a meticulously turned hexhead bolt or a finely milled chunk of titanium.

If you're a fan of the golden age of motor racing, your instant reaction to the initials 'BRM' will probably be British Racing Motors - the Formula 1 team for which Graham Hill drove when he became World Champion in 1962. For our purposes, BRM actually stands for 'Bernard Richards Manufacture', but the subliminal link to the high-octane world of motorsport is still entirely appropriate. Even the F1 set itself has fallen lock, stock and barrel for this upstart brand, characterised by chequered flag straps, piston-like push-pieces and perforated hands that recall the Mountney and Nardi steering wheels found on classic racers.



# Brrrrrmmmm, BRM!

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# Would I wear an MT? Never - but I want one as a desk clock that I can pick up and admire for its over-engineered beauty. This is the Peterbilt truck of timekeeping.

## Tooling up

five years since the first BRM-dialled watch was created, but Richards has been at this game for a good deal longer than that - about 30 years longer, to be precise.

becoming obsessed with motorcycles at the age of 12, Richards enrolled at horological school in Paris when he was 18 to work in the family watch business. This occupied him until his late twenties, when he moved out of the French capital and into 'la campagne' where he set-up his own tooling company. making pens, lighters, cufflinks and other luxury goods - as well as complete watches - for firms he'll only describe cryptically as "big names who would not like me to tell you who they are".





(Above and right) Details from BRM's big hitter at Basel last year - the V8 engine-inspired 'MT' (€9,300). Instead of lugs rammed into the titanium case, each element is made separately at BRM, and screwed on via complex means. Thus, it is possible to assemble different materials and colours (e.g. blacktitanium case and polished stainless-steel lugs, or grey-titanium case and polished stainless-steel lugs, etc.).

"We used to turn out thousands and thousands of pieces each Except BRM isn't really an 'upstart' at all. It may be fewer than year - we even made components for luxury car companies; such as dashboards for a British manufacturer with a two-part name and connections with lames Bond," explains Richards, not quite so cryptically. "But the problem with working for other people is that they are always unhappy - they always want Having been fascinated by mechanical objects since first things more quickly, or more cheaply, or in greater or lesser numbers. And that led me to think that what I really wanted to do was to make my own products the way I wanted to, with my own name on them. So one day I did. I made my own watch, just for me - and everyone who saw it said they wanted one!"

#### Driver's choice

That was back in 2002. Within 12 months, production of BRM watches was underway with the first commercial model, the GP-44. Forty-two examples were delivered that first year. Since then, demand and production figures have risen almost vertically to the point where more than 2,000 watches were completed last year across a 12-model range, with each model available in several different guises.





(Above) Just a few miles from Paris, BRM's small but perfectly formed manufacture, where all of the watch cases' industrial-strength components are engineered to demanding tolerances.

(Left) V12-44 BOU Racing (€13.250), limited to 45 editions. 'JPC 7753' movement modified and assembled by master watchmaker Jean-Paul Crabbe.

Richards has now abandoned all other aspects of his business to concentrate exclusively on the production of BRM watches and many of their components, for which he has a purpose-built workshop around 60 miles outside Paris at Magny-en-Vexin, housing a dedicated team of 13 employees and no fewer than 14 CNC machines.

"While it is true to say we offer 12 different models, the peculiarity of our brand is that there is no specific watch you have to buy - you can specify the colours you want, the shape of the hands, the type of strap. We don't actually have any watches in stock at all, because each one is produced for the individual customer. It means there is a fourmonth waiting list for models such as the MT, for which it takes nine hours of continuous machining just to make one caseback. But that is my concept of luxury," explains Richards.

Enzo Ferrari always said that he liked to make one less car than he knew he could sell, and BRM, too, seems to have found itself in the happy position of demand exceeding supply.

"I don't believe it is an exaggeration to say that our watches are currently the hottest timepieces in the motorsport world. At the 2006 24 Heures du Mans, there were eight different drivers wearing BRM watches, and all out of their own choice. People like the brand because it is small and because they know they are not going to see the same watch that they own on someone else's wrist," says Richards who, despite its apparent potential, insists his company will remain a low-volume producer.





(Above) From BRM's first collection, the GP-44 111 (€6,350), powered - as in all BRM chronographs - by ETA's Valjoux 7753 movement. The black-titanium case is shaped like a piston, assembled with screws specially manufactured with three holes (a feature that requires 12 times the machining time of normal screws).

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## **Sheer audacity**

At last year's Baselworld, BRM wowed the crowds with the aforementioned MT; an eyepopping 51 mm-by-49 mm monster based on a V8 engine block. Richards was hoping against hope that he might take 50 orders for the MT during Baselworld. By the end of the show, he was committed to producing 162 pieces.

Its sharply angled chronograph push-pieces are like miniature pistons and the sides of the grade II titanium case resemble rocker covers. Would I wear one? Never but I want one, just because I love its sheer audacity and the power of its construction. I want it as a desk

#### **BRM Birotor Precitime Movement**

Suspended on carbon-fibre triangles

Shock absorbers with cone-shaped spring ('isolastic system')

Differential automatic Birotor mechanism

ARCAP plate and bridges (hard-wearing nickel-copper alloy)

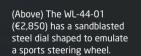
Lightened motor structure

Double ceramic rotor bearings

Fortale HR rotor hubs

Tantalum rotor bob weights





# "We don't actually have any watches in stock at all, because each one is produced for the individual customer."

over-engineered beauty. This is the Peterbilt truck of timekeeping.

The least expensive models in the BRM range are the 44 mm V6 and 38 mm V7 (BRM's one concession to the Penelope Pitstops of the world), which both boast the trademark case shaped like a sectioned piston, and the 'racing numbers' dial. Though starting from a

clock that I can pick up and admire for its mere €2,550, the engineering details are still exceptional - check out the screw-fit lugs and the 12-piece buckle.

> a steering wheel), the SCR (like a central wheel nut) and, latest of all, the high-end rectangular Birotor - set to cost up to €72,500 in platinum when the first Best pack your toolbox now. And include models are released in April (from €38,000 in titanium and stainless steel).

> You may agree that it looks pretty spectacular, but just wait until Baselworld 2007: "The new watch we have planned for this year's show is Other models include the WL (shaped like going to send everyone crazy - there is absolutely nothing like it on the market," promises Richards.

> > some mighty big spanners.

