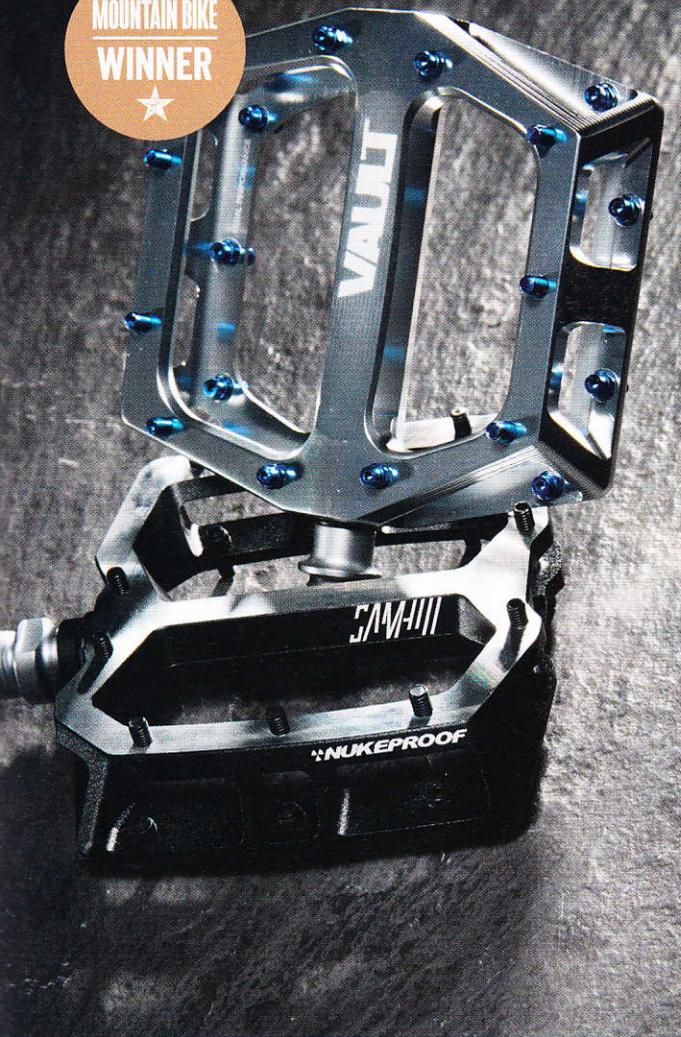


WHAT  
MOUNTAIN BIKE  
WINNER



We put up a new contender for the flat pedal crown against the long-reigning champ

## DMR Vault £110

Since their launch six years ago, the Vault's peerless reputation and following of hardcore devotees making it pedal that other flatties must try and measure up to. They come in a huge range of colours and several build options, but we're reviewing the aluminum body, cro-mo axle version here, with the £10 chromed body option.

The Vault and the Sam Hill are some of the biggest platform pedals available and both afford massive amounts of grip. The Vaults have 11 tuneable length pins on each face with 5mm lengths at the front and back and 4mm, slightly thicker studs near the axle as the default. This varying pin length attenuates the pedal's concave shape giving extra foot security when you need it. Our samples did drop a couple of pins over the months of testing, so we'd recommend Threadlocking them in place with when new.

The 17mm hexagonal-ish platforms are well shaped to

keep rock strikes to a minimum with very little protruding below our tester's size 9 shoes. The angled and chamfered pedal edges helping to fend off the strikes that do happen and keep you on the bike.

The exposed sections of the pedal have scuffed up a fair bit during the test, though despite this cosmetic damage the platforms have proved to be extremely tough and hard wearing, while the bearings still spin nicely. [www.upgradebikes.co.uk](http://www.upgradebikes.co.uk)



Outstanding levels of grip and performance make the Vault the best flat pedal there is

## Nukeproof Horizon Sam Hill £80

Sitting at the top of three incarnations of Horizon pedal is the Sam Hill signature model. As well as this standard cro-mo version here however, there's also a £175 titanium axled version for those with particularly cavernous pockets.

The Horizons have 10 pins on each face, with the 5mm pins sitting at the front and rear of the cage being adjustable to 6mm by removing a washer from the back. Unlike the Vaults, the Horizons did not lose any pins during our four months of testing. As well as being Nukeproof by name, the pedals showed themselves to be fairly rock-proof too. Despite a few light battle scars, they suffered very little damage over the duration of the test and while still running fine, the bearings are not quite as silky smooth as they once were.

With a very similar concave to the Vaults, the Horizons have proved to be just as sticky underfoot, though their squarer shape, which extends slightly outside the shoe, and slightly thicker (19mm) body means you're potentially more likely to suffer rock strikes.

There's barely any difference in pedal weights with the Horizons coming in at 434g per pair and the Vaults at 432g. In fact, the biggest difference between both sets is price and while the Vaults just edge the Horizons in terms of performance and bearing wear, they are 30 quid more. [www.hotlines.co.uk](http://www.hotlines.co.uk)



A superbly grippy and damage resistant large platformed pedal