



order?' Ve had a discussion about it and aen ve said, 'OK, take a Bandit'. So ve ordered a Bandit for him as a totally new bike. Then we started the modifications, and vorked on the bike for four months in the last wintertime.'

What's the spec of the bike?

'OK. Ve strengthened and halanced the crank, then fitted 85mm forged Cosworth pistons vich means a displacement of 1340cc. 86mm is possible, but it makes no sense because the walls are too thin and the liners turn oval – then you have big oil consumption.

Rods are standard, but Magnafluxed, balanced and matched – not only the weight of the rods must be the same, but the weight of the big end and the small end too.

Ve also have beryllium copper valve seats. For an engine making big power this is standard not because it sounds good for sure, but the important thing is for realising really good power you need to transfer the heat away from the valves. Such a short time of contact between the 'i valves and the seats gives you a problem. So you need a material to transfer the heat as soon as possible. For this beryllium copper.

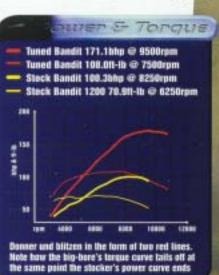
Tor carbs, ve have four 41mm Keihin



flatslides with two accelerator pumps - you need two because with this big displacement if you open the throttle too hard you fall over the fairing."

That's a comprehensive list. You must take a lot of time with your engines...

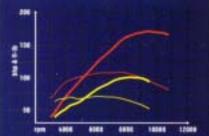
One of the most important things for me is modifying the shape of the cylinder head. Vot means for me is the polishing of the infer and exhaust tracis. This is OK, ve do it because the guys like to see polished areas, but the biggest job is modifying the design of the valves, going from the stem to the diameter, and modifying the chambers where the gasses are burning. This is the point where you're making power, and not in polishing inlet tracts.





Source & Torque

- Tuned Bandit 171.1bhp @ 9500rpm Tuned Bandit 108.00-lb @ 7500rpm
- Stock Bandil 100.3bhp @ 8250rpm
- Stock Bandit 1200 70.9ft-lb @ 6250rpm



Donner und blitten in the form of two red lines. Note how the big-bore's torque curve tails off at the same point the stocker's power curve ends