

Motorsport Case Study: Motorbike R&D 2006

C.R.P. Technology and the Motorbike World Championship... the project goes on...

CRP Technology, brilliant brand in the racing world, since more than thirty years creates high precision mechanical components as supplier for Formula one, WRC, America's Cup and motorbikes international teams.

During 2005 the company begins the great challenge of the racing motorbikes, facing the worldwide market with a MotoGP 250 cc class bike, completely built by the CRP technical staff and that has lined up at the World Road Championship 2 bikes with the **Fantic Motor** brand. The bikes were ridden by the 125 class world champion Arnaud Vincent and the young Gabriele Ferro.

The teams were strongly impressed by mechanical parts made by the means of the SLS technology (selective laser sintering), that allowed to reach the track within incredibly short timing.

Even if the quick line up had been penalized by the races results, it has to be underlined that the race tracks have been the first test tracks at all.

For **2006** season, CRP has decided anyway to continue the project development away from the racing and media eyes, in order to show, in 2007, a more competitive bike.

The schedule is based most of all on the engine development, that needs a high step forward to get closer the top level of racing.

The CRP technical staff is endlessly working in order to refine the last 2005 engine release test and to go on with the new 250 cc quite advanced engine project.

The design is developing accordingly with the technological innovation; the technology – coming from F1 world – used in 2005 to manufacture mechanical parts in incredible quick timing, are going to be adapted to the motorbike racing needs.

Referring to what above, have a look to the following scheme, that is about the manufacture and evolution of the 2 cylinders racing engine.