



## **HP Rating of Rods**

Carrillo is often asked about general horsepower ratings for the various designs of its connecting rods. Unfortunately, this cannot be answered in a simple way. The most relevant rod design parameters are Inertia forces (a function of engine speed, crank train geometry and assembly weights) and Cylinder firing pressure (tuning, fuel, boost, etc.).

Through increased engine speed, displacement, firing pressure or a combination thereof, horsepower is gained. However, though the various changes in the cycle, the demand on the rods varies greatly. Moreover, extreme dynamic loads on the drive train such as intermittently free spinning wheels or propellers (Hill Climb races, Off-Shore boat races) should be considered the when making the right choice of rod.

Based on our experience combined with our analysis methods we like to provide you with our best suggestion for your specific application.