

# NEWEN<sup>®</sup> FIXED-TURNING<sup>®</sup> REPORT

Last Quarter 2009

FIXED-TURNING<sup>®</sup>, the new standard in valve seat machining™!



Go Kart, ATV, Motocross Race Engines,  
you name it, *MCR Engine Development*  
located in Bakersfield, CA will do them all  
to Perfection!



YAMAHA RAPTOR



"We can set-up and do all our cylinder heads by only changing the pilot diameter and changing the program on the touch screen monitor."

MCR owner Matt Dewing also credits the machine precision and accuracy for their big horsepower gains. "See most of all these engines are some kind of "spec" engine. As a company we are limited to a small window of work that can be performed on the internal components, such as the cylinder head, not to mention they are a single cylinder. So we need that head to seal up a 100%. There are no other cylinders to pick up the slack, so the best absolute valve seal is a must! For a shop that builds 400 kart engines annually, a numerically controlled CONTOUR-BB™ is an absolute asset to the shop."

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MCR Engine Development of Bakersfield, California found big profits in small engines. Matt and his brother Clay Dewing not only build and assemble race engines in the world of competitive Kart Racing, but also ATV, Motocross...

As Matt explains, "although the engines are very small, a great deal of precision is needed in the machining stages of the 200cc engines, not to mention all of the rules and regulations to be followed. Because of the different brands and classes of engines that Kart Racing has to offer, it presents a wide spectrum of machining operations and our machines need to be flexible to do these different packages. The CONTOUR-BB™ has done just that!"

**FIXED-TURNING<sup>®</sup>**



KAWASAKI KX 250F