

C&R Racing

"There's a Mastercam influence in every C&R part riding on winning NASCAR and Indy 500 cars. Mastercam makes it really simple and fast to get a no-waste toolpath for a complex part."

— Chris Paulsen
C&R Racing Owner
Indianapolis, IN

Mastercam Helps Keep Race Cars Cool

Fine-tuned Cooling System Components Help NASCAR and Indy 500 Racing Teams Nose Out the Competition.

Oil temperature is one of the most critical engine parameters in an engine with up to 700 horsepower. NASCAR engines can develop temperatures as high as 245°F. C&R Racing is the world's largest supplier of radiators and oil coolers to NASCAR race teams, making parts for cooling engines in prestigious racing series' like Winston Cup, Busch Grand National, NASCAR Craftsman Truck, and more. C&R's engine oil cooler, exchanging oil heat through the engine's radiator coolant, is more efficient than air-cooled models, which also include a drag-producing duct into the cars' aerodynamic lines.

Oil coolers and radiators aren't the only prestige racing parts sporting the C & R logo. If you follow the NASCAR circuit, you're likely to see their Mastercam-programmed logo on a car's radiator. Many winning Indy 500 and NASCAR teams are driving with C&R parts programmed with Mastercam including Riley and Scott, who is one of Indianapolis' premier race car builders. The Plymouth Prowler, America's first production street rod, uses C&R-made, Mastercam- programmed suspension pickup points fabricated into their front end assemblies for the prototype of the unprecedented Chrysler Corporation presentation. Indy car maker Reynard Racing Cars, Ltd. sends IGES files for suspension parts, steering arms and various contoured aluminum mounts and brackets to C&R. C&R has been using Mastercam since 1994. "The program has such a wide range of options, it was the logical choice for toolpath generation," says Paulsen.



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