

# The 1992 RAY FORMULA FORD



Bert Ray has blended modern technology with experience gained from building race winning cars for nearly thirty years in the design of his 1992 RAY.

The all new chassis has been constructed using the latest welding techniques and state of the art jigs which keep tolerances to an absolute minimum.

With the aid of computers and finite analysis a stress and strain study of the frame was used to ensure a combination of the stiffest structure with minimum weight.

In order to keep the unsprung weight down aluminium is now used for the hubs and steering arms. This maximization of strength and lightness has also been enhanced by the use of a one piece cast alloy bell housing.

The suspension has been re-designed to take full advantage of a low centre of gravity.

The new body incorporates a raised nose section, following the style of current Formula One, smaller side pods and NACA ducts. This all adds up to greater aerodynamic efficiency.

A complete backup service is available from Ray's factory and sales office situated near Brands Hatch at:

## RAY FORMULA CARS

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