

LotusSport 110 bike debuts at Le Tour

A new LotusSport monocoque bicycle, derived from the Olympic bike ridden by Chris Boardman last year, is being used by riders of the Spanish 'ONCE' team in time-trials sections of the Tour de France. The bike – which uses a computer-controlled semi-automatic gear change – is to be manufactured by Look, the French cycle company, with a price tag of around \$4,500-\$6,000

Frame:

All-carbon monocoque frame with wishbone-shaped chainstays. Rear wheel set in to rear of frame for minimum air resistance

Handlebars:

Mavic titanium, fitted with aero bars to reduce drag. Pre-selected gear change controlled by computer in handlebars

Gears:

8 gears controlled by Mavic's 'Zap' computerised gear change – powered by mini alternator in gear jockey wheel

Wheels:

Tri-spoke front wheel with solid disk wheel at rear to reduce drag

