

# CJS ENGINEERING LTD

## PROJECT LIST—AUTOMOTIVE INDUSTRY

The CJS Engineering Directors have extensive experience of car plant production systems. They have led teams of technical personnel either providing on-site support or undertaking a variety of design engineering assignments at our office.

### **Mechanical handling equipment**

Layout & detail of modifications to body shop conveyor, Toyota Derby  
Design & detail of scrap conveyor, Vauxhall Luton  
Design & detail of hoist carriages at Jaguar Cars  
Design & detail of paint shop skid system, Vauxhall Luton  
Repositioning drive unit at Ford Southampton  
Design & detail of chain conveyors at Nissan UK  
Survey & study on extension to conveyor, Peugeot UK  
Survey & detail of shafts for floor conveyors, Vauxhall Luton  
Survey & detail of take-up shafts on ovens, Vauxhall Luton  
Detail of drop-section shafts, Nissan Washington  
Detail of conveyor drive bed-plates & water-test conveyor at Rover Longbridge  
Survey & study on conveyors at Case New Holland, Basildon  
Finite Element Analysis of car body carrier at Nissan Washington  
Design & detail of chassis handling system at SDC Trailers, Belfast  
Design & detailing of handling & test equipment at Bentley, Crewe

### **Platforms & structures**

Survey, layout & detail of various platforms, Honda Swindon  
Survey, layout & detail of various platforms, Nissan Washington  
Survey, layout & detail of various platforms, Toyota France  
Telescopic access platforms at Nissan Washington  
Layout & detail of various platforms, LDV Solihull  
Paint booth structure modifications to suit new line at Nissan Washington  
Layout & detail of M-Jig production system, Toyota South Africa

### **General / On-site support**

On-site services & structural design at Ford Southampton  
Drawing office services for Ford Berlin  
Site supervision during plant expansion at Honda Swindon

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