



**ASCT Building - Honda, Swindon**

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**Contractor**

Honda of the UK  
Manufacturing

Caunton were excited to be involved with a cutting edge development – the Advanced Semisoilid Casting Technology (ASCT) Building for Honda UK Manufacturing at Swindon.

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**Engineer**

SSOE Inc of Toledo, USA

The company supplied 800 tonnes of structural steelwork for the building which was to house the manufacturing unit for the new Honda ASCT Engine. This engine included a high strength cylinder block manufactured used a brilliant new production process. This process, ASCT, has been adopted for, what was the newly developed 2.2 litre, 4 cylinder Intelligent Common rail Turbo Diesel Injection (i-CTDi) diesel engine, which was fitted to the Honda Accord.

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**Steel Tonnage**

800 tonnes

The new process resulted in a 30% weight reduction in the new cylinder block, compared to that of the conventional cast iron diesel engines of the same displacement. The brilliance of the Honda engineers, who developed this, created a more sustainably attractive motor car.

Caunton were delighted to help in some small way to move this forward.

