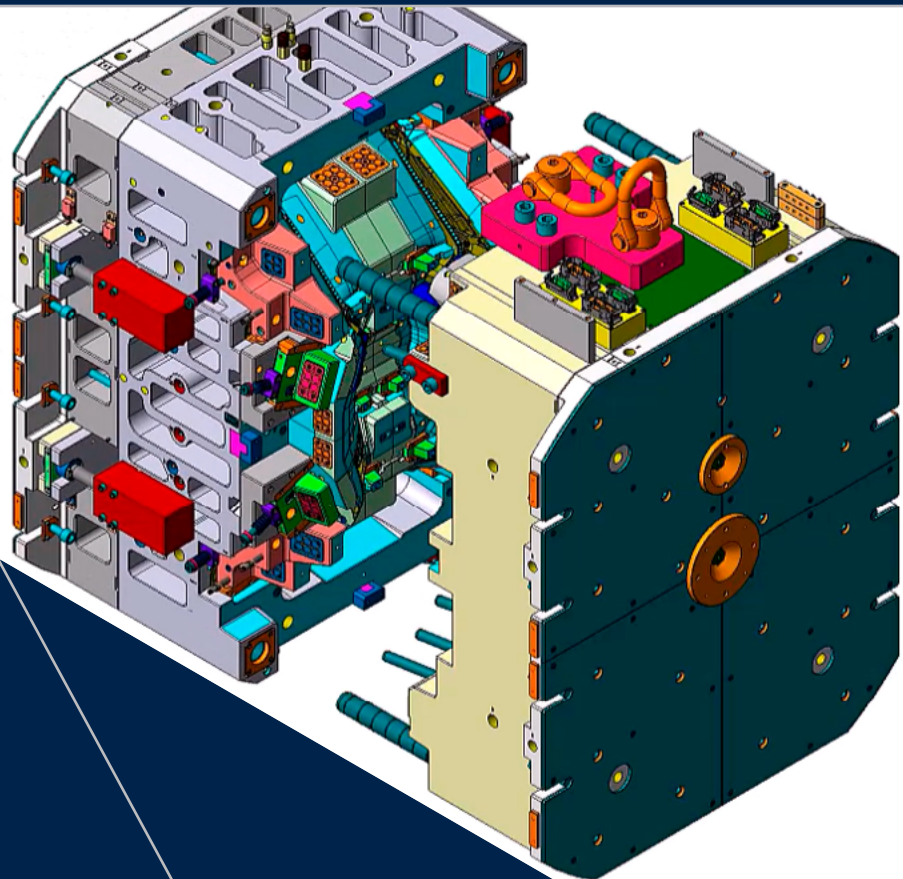
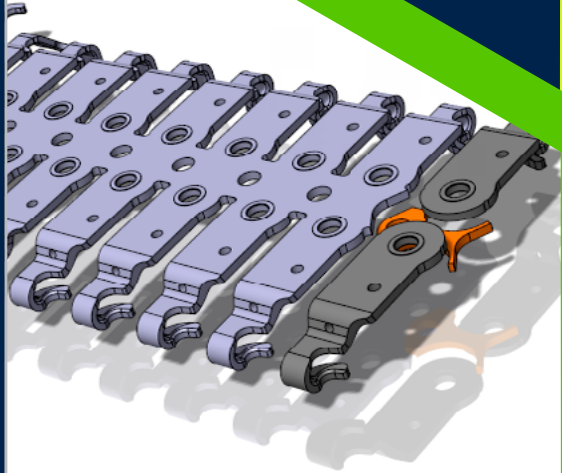




HEXAGON
Visi



Hexagon Visi

CAD/CAE/CAM software for mould and die.
Create, analyse, and validate complex tooling to cut
rework, improve quality, and speed time to market

Design and validate tooling with confidence

Integrated CAD+CAE+CAM

Visi combines advanced modelling, validation, and simulation tools in a single platform, enabling seamless workflows from design to manufacturing to analysis without data loss or software switching.

Enhanced process validation

Simulate mould filling, thermal and warpage behaviour to predict issues, minimise rework, and improve part quality. Validate complete progressive die processes virtually to improve quality, reduce risk, and accelerate tool delivery.

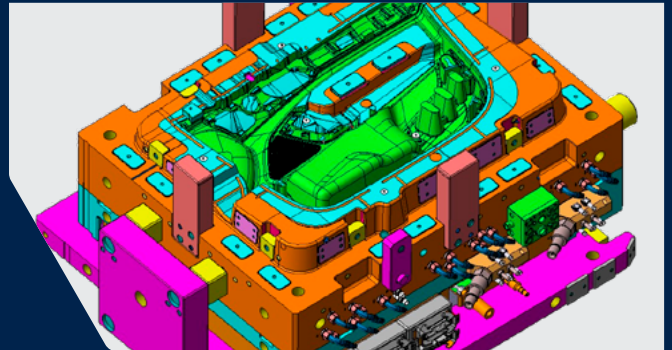
Comprehensive solution

Kinematic studies and collision checks verify motion, cooling and die operations to reduce risk on the shop floor.

Key capabilities

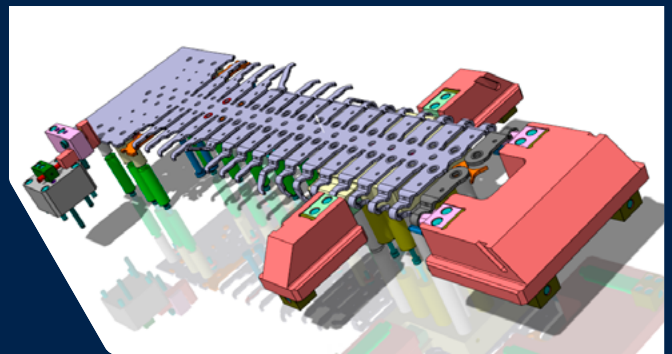
Plastic injection

Supplier component libraries, material characteristics database, automated core and cavity extraction, physics and mechanical analysis, intelligent cooling channels, advanced flow and thermal prediction, warpage estimation, assembly management, kinematics, automatic drafting and dimensioning



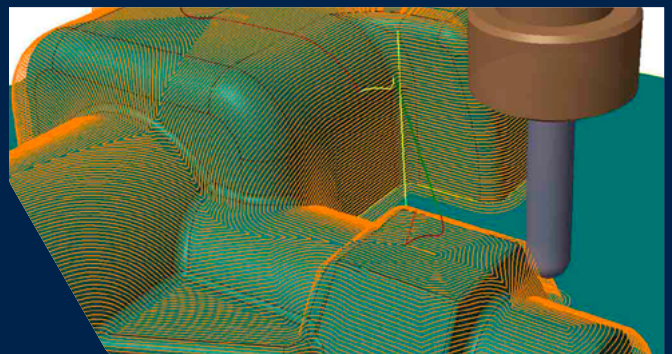
Progressive dies

Supplier libraries, material characteristics database, topology investigation, automation blanking / unfolding, intelligent strip layout, springback prediction / compensation, bending and incremental deformation simulation, morphing, assembly management, kinematics, automatic drafting and dimensioning



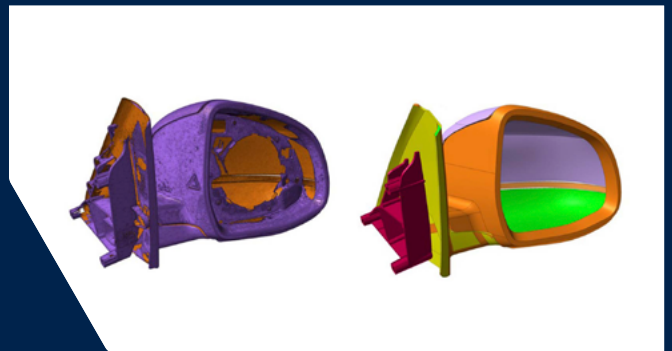
CAM toolpaths

Efficient 2.5 axis, 3 axis, and 5 axis toolpath generation for milling and drilling, highspeed strategies, collision controlled multi-axis machining, wire EDM programming



Reverse engineering

Convert scan data and point clouds into editable CAD using hybrid modelling, enabling fast redesign and manufacturing



Learn more at hexagon.com/products/visi