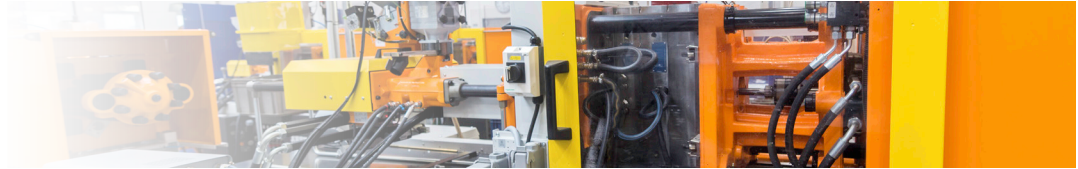




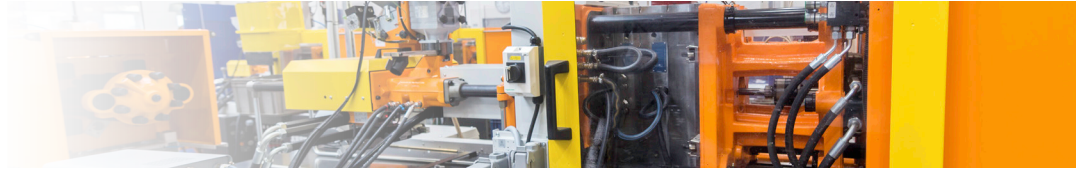
Injection Molding Comparison Chart

		Moldflow Adviser		Fusion 360 with Moldflow Adviser	Moldflow Insight			
		Premium	Ultimate	Named User	Standard	Premium	Ultimate	Named User
SOLVER CAPACITY	Simultaneous local solving (max)	Unlimited	Unlimited	Unlimited	1	3	3	3
	Remote solving	-	-	-	✓	✓	✓	✓
	Cloud solving (using tokens)	-	-	-	✓	✓	✓	✓
MESHING	3D (tetrahedral elements)	✓	✓	✓	✓	✓	✓	✓
	Dual Domain	✓	✓	✓	✓	✓	✓	✓
	3D channel mesh (not supported on Linux)	-	-	-	✓	✓	✓	✓
	Midplane	-	-	-	✓	✓	✓	✓
CAD SUPPORT	CAD solid models	✓	✓	✓	✓	✓	✓	✓
	Parts	✓	✓	✓	✓	✓	✓	✓
	Assemblies	-	-	✓	✓	✓	✓	✓
SOFTWARE INTEROPERABILITY	Autodesk Helius PFA (Advanced Material Exchange)	-	-	-	✓	✓	✓	✓
	Autodesk Nastran	-	-	-	✓	✓	✓	✓
	ANSYS	-	-	-	✓	✓	✓	✓
	Abaqus	-	-	-	✓	✓	✓	✓
	LS-Dyna	-	-	-	✓	✓	✓	✓
	Code V (birefringence)	-	-	-	-	-	✓	✓
	Autodesk VRED	✓	✓	✓	✓	✓	✓	✓
	Elysium CADdoctor for Autodesk Moldflow	✓	✓	✓	✓	✓	✓	✓
APPLICATION PROGRAMMING INTERFACE	Command line API capable	-	-	-	✓	✓	✓	✓
	User interface API capable	-	-	-	✓	✓	✓	✓
	Solver API capable	-	-	-	✓	✓	✓	✓



Injection Molding Comparison Chart

		Moldflow Adviser		Fusion 360 with Moldflow Adviser	Moldflow Insight			
		Premium	Ultimate	Named User	Standard	Premium	Ultimate	Named User
MOLDING PROCESSES	Thermoplastics injection molding	✓	✓	✓	✓	✓	✓	✓
	Coolant flow	-	-	-	✓	✓	✓	✓
	Powder injection molding	-	-	-	✓	✓	✓	✓
	Resin transfer molding (RTM) & Structural reaction injection molding (SRIM)	-	-	-	✓	✓	✓	✓
	Rubber, liquid silicone injection molding (LSR)	-	-	-	✓	✓	✓	✓
	Multiple-barrel reactive molding	-	-	-	✓	✓	✓	✓
	Reactive (thermoset) injection molding	-	-	-	✓	✓	✓	✓
	Microchip encapsulation	-	-	-	-	✓	✓	✓
	Underfill encapsulation	-	-	-	-	✓	✓	✓
	Compression molding	-	-	-	-	-	✓	✓
	Injection-compression molding	-	-	-	-	-	✓	✓
	Gas-assisted injection molding	-	-	-	-	-	✓	✓
	Co-injection molding	-	-	-	-	-	✓	✓
	Bi-injection molding	-	-	-	-	-	✓	✓
	Chemical Blowing Agent (CBA), includes polyurethane (PU) foaming	-	-	-	-	-	✓	✓
	Microcellular injection molding (with and without core back)	-	-	-	-	-	✓	✓
	Reactive microcellular injection molding	-	-	-	-	-	✓	✓
	Birefringence	-	-	-	-	-	✓	✓
	Thermoplastics overmolding	-	-	-	-	✓	✓	✓
	Thermoplastics compression overmolding	-	-	-	-	-	✓	✓
Thermoplastics injection-compression overmolding	-	-	-	-	-	✓	✓	
Multi-barrel thermoplastics injection molding	-	-	-	-	-	✓	✓	

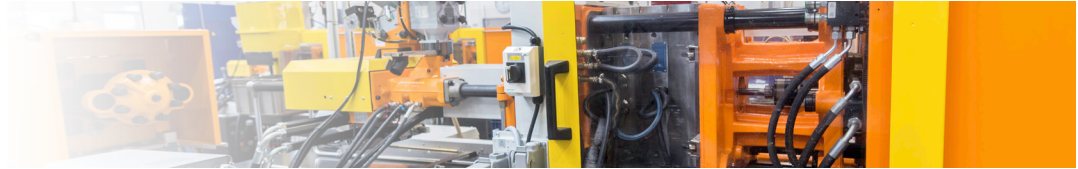


Injection Molding Comparison Chart

✓✓ indicates increased feature functionality.

		Moldflow Adviser		Fusion 360 with Moldflow Adviser	Moldflow Insight			
		Premium	Ultimate	Named User	Standard	Premium	Ultimate	Named User
SIMULATION ADVISERS	Design advice	✓	✓	✓	-	-	-	-
	Design adviser	✓	✓	✓	-	-	-	-
	Result adviser	✓	✓	✓	-	-	-	-
	Cost adviser	✓	✓	✓	-	-	-	-
SIMULATION CAPABILITIES	Mold filling	✓	✓	✓	✓✓	✓✓	✓✓	✓✓
	Packing	-	✓	✓	✓✓	✓✓	✓✓	✓✓
	Sink marks, weld lines, & air traps	✓	✓	✓	✓✓	✓✓	✓✓	✓✓
	Gate location	✓	✓	✓	✓	✓	✓	✓
	Molding window	✓	✓	✓	✓	✓	✓	✓
	Cooling (BEM)	-	✓	✓	✓✓	✓✓	✓✓	✓✓
	Cooling (FEM)	-	-	-	✓	✓	✓	✓
	Warpage	-	✓	✓	✓✓	✓✓	✓✓	✓✓
	Fiber orientation	-	✓	✓	✓✓	✓✓	✓✓	✓✓
	Cold & hot runners	-	✓	✓	✓✓	✓✓	✓✓	✓✓
	Runner balancing	-	✓	✓	✓	✓	✓	✓
	Valve gates	-	-	-	✓	✓	✓	✓
	Venting analysis	-	-	-	✓	✓	✓	✓
	Transient mold cooling/heating	-	-	-	✓	✓	✓	✓
	Heating elements	-	-	-	✓	✓	✓	✓
	Cartridge heating	-	-	-	✓	✓	✓	✓
	Insert overmolding	-	-	-	✓	✓	✓	✓
	In-mold label overmolding	-	-	-	✓	✓	✓	✓
	Two-shot sequential overmolding	-	-	-	✓	✓	✓	✓
	Core shift	-	-	-	✓	✓	✓	✓

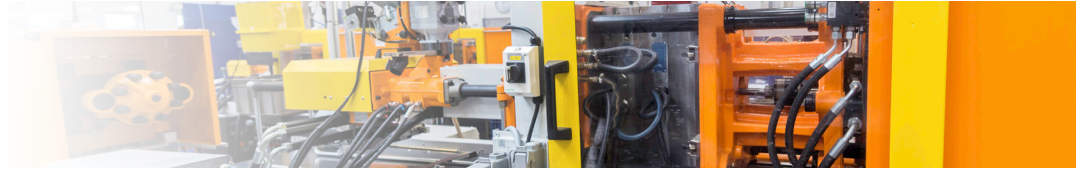
See next page for more simulation capabilities >



Injection Molding Comparison Chart

* Denotes feature is available through active Moldflow Subscription only.

		Moldflow Adviser		Fusion 360 with Moldflow Adviser	Moldflow Insight			
		Premium	Ultimate	Named User	Standard	Premium	Ultimate	Named User
SIMULATION CAPABILITIES (CONTINUED)	Crystallization analysis	-	-	-	-	✓	✓	✓
	Design of experiments (DOE)	-	-	-	-	✓	✓	✓
	Parametric study	-	-	-	-	✓	✓	✓
	Conformal cooling (not supported on Linux)	-	-	-	-	✓	✓	✓
	Rapid temperature cycling	-	-	-	-	✓	✓	✓
	Induction heating	-	-	-	-	✓	✓	✓
	Wire sweep, Paddle shift	-	-	-	-	✓	✓	✓
	Shrink analysis	-	-	-	-	✓	✓	✓
	Stress analysis	-	-	-	-	✓	✓	✓
	Preconditioning analysis (for compression molding)	-	-	-	-	-	✓	✓
DATABASES	Thermoplastic materials	✓	✓	✓	✓	✓	✓	✓
	Thermoset materials	✓	✓	✓	✓	✓	✓	✓
	Mold materials	-	✓	✓	✓	✓	✓	✓
	Coolants	-	✓	✓	✓	✓	✓	✓
	Molding machines	-	-	-	✓	✓	✓	✓
INCLUDED SOFTWARE	Autodesk Fusion 360*	✓	✓	✓	✓	✓	✓	✓
	Simulation Extension for Fusion 360*	-	-	✓	-	-	-	-
	Autodesk Helius PFA*	-	-	-	-	-	✓	✓
	Autodesk Vault	✓	✓	✓	✓	✓	✓	✓
	Autodesk Moldflow Communicator	✓	✓	✓	✓	✓	✓	✓
	Autodesk Simulation Compute Manager (SCM)	✓	✓	✓	✓	✓	✓	✓



Injection Molding Comparison Chart

		Moldflow Adviser		Fusion 360 with Moldflow Adviser	Moldflow Insight			
		Premium	Ultimate	Named User	Standard	Premium	Ultimate	Named User
SUPPORTED LANGUAGES	English	✓	✓	✓	✓	✓	✓	✓
	Chinese (simplified)	✓	✓	✓	✓	✓	✓	✓
	Chinese (traditional)	✓	✓	✓	✓	✓	✓	✓
	French	✓	✓	✓	✓	✓	✓	✓
	German	✓	✓	✓	✓	✓	✓	✓
	Italian	✓	✓	✓	✓	✓	✓	✓
	Japanese	✓	✓	✓	✓	✓	✓	✓
	Portuguese	✓	✓	✓	✓	✓	✓	✓
	Spanish	✓	✓	✓	✓	✓	✓	✓
	Korean	✓	✓	✓	✓	✓	✓	✓