

## Simulation Capabilities

- **Moldflow analysis**

Simulates flow behavior to detect weld lines, air traps, sink marks, and pressure loss.

- **Gate and runner optimization**

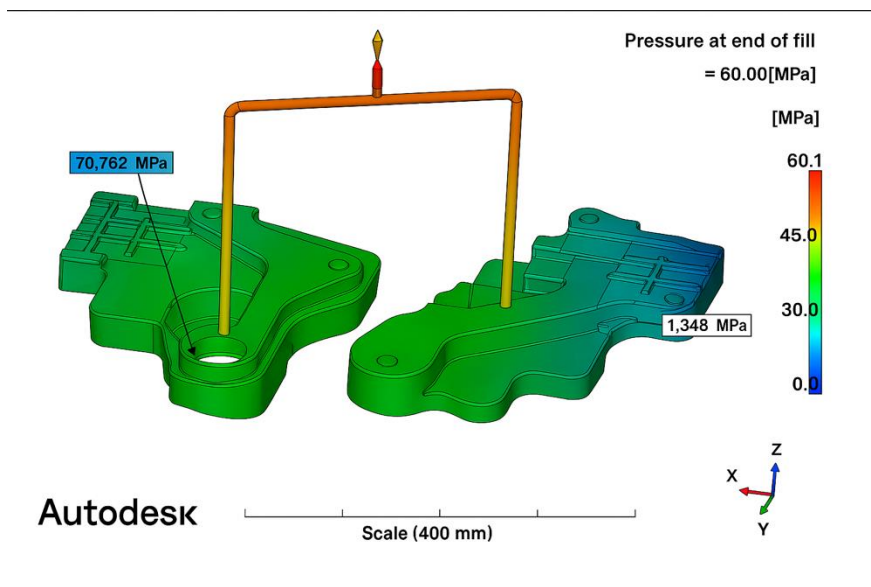
Evaluates best gating position and runner size to ensure balanced filling and reduce warpage.

- **Cooling system evaluation**

Simulates temperature distribution to improve cooling time and cycle efficiency.

- **Filling pressure & clamping force estimation**

Accurate calculation of pressure at end of fill and required clamping force for mold selection.



*Pressure distribution at end of fill, simulated with Autodesk Moldflow — helps optimize gate location and injection parameters.*