



Ansys Motor-CAD and Ansys Maxwell: The Ideal Product Combo

Ansys Motor-CAD and Ansys Maxwell simulation solutions can be used separately or together in the design development of electric machines. When you combine these two solutions, they add even greater value to your motor design.

Motor-CAD users can add Maxwell to expand on their electric machine topologies and advanced magnetics capabilities. The efficiency map workflow in Motor-CAD is expanded with connections to Maxwell, which allows for 2D and 3D geometries. Moreover, Maxwell is ISO 26262 certified which would make your electromagnetic (EM) motor design qualified for passenger vehicles.

Maxwell users can add Motor-CAD to simulate the magnetic and thermal performance in the motor design phase. In addition, Motor-CAD is easy to use and can perform preliminary noise and vibration (NVH) analysis and drive cycle efficiency maps.

