



Ansys Strengthens Electric Machine Design Offerings Through Acquisition of Motor Design Limited

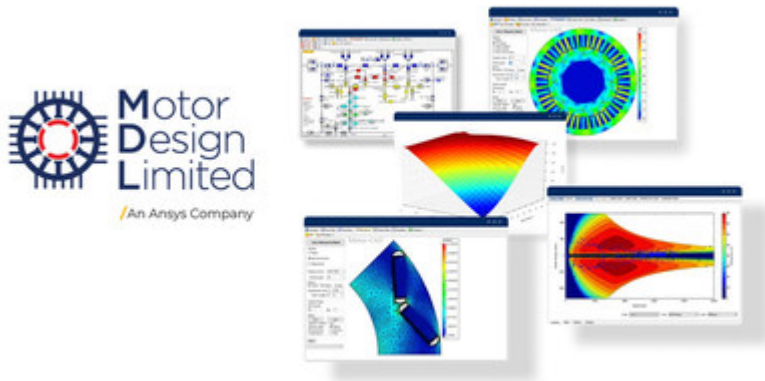
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The addition of Motor-CAD will enable Ansys to expand its presence in electrification with powerful electric machine design flow for efficient machine design

/ Key Highlights

- Ansys' acquisition of Motor Design Limited (MDL) builds upon the companies' existing collaboration and partnership, which enabled the distribution of Motor-CAD through the comprehensive Ansys sales and support network
- The addition of MDL's Motor-CAD will strengthen Ansys' Electronics portfolio, enabling customers to design more efficient electric machines and apply them to more applications
- Combining Motor-CAD technologies with Ansys solvers will deliver a comprehensive multiphysics design, analysis and optimization workflow that spans the complete operating range.

PITTSBURGH, May 4, 2022 /PRNewswire/ -- [Ansys](#) (NASDAQ: ANSS) announced today the acquisition of Motor Design Limited (MDL). The acquisition and resulting addition of MDL's Motor-CAD to Ansys' existing portfolio will strengthen Ansys' electric machine design offerings, as proven by the successful partnership between the two companies over the past two years. Bringing Motor-CAD fully into the Ansys family of multiphysics analysis software products will enable Ansys customers to design and bring to market more efficient electric machines leading to a more sustainable use of rare materials. Terms of the deal were not disclosed. The acquisition is not expected to have a material impact on Ansys' consolidated financial statements in 2022.



The global demand for greater power efficiency is rapidly driving electrification and sustainability initiatives — from electric vehicles and aircraft to electric motor-driven systems in the industrial sector. Ansys' acquisition of MDL will answer the growing global demand, providing customers with an industry leading comprehensive multiphysics workflow for electric machine design. Combining Ansys solvers with MDL's Motor-CAD into an end-to-end solution will enable customers to not only design more efficient electric machines but also apply them to more applications, which reduces environmental impact and cost for consumers, companies and governments.

The addition of Motor-CAD to Ansys' electric machine solution will deliver upfront design capabilities to Ansys' industry-leading multiphysics analysis capabilities. From user interface to a unique combination of finite element solvers and analytical algorithms tuned specifically for solving electric machines to the motor specific post-processing capability, Motor-CAD was developed specifically for electric machine design. The product contains coupled electromagnetic, thermal and mechanical modelling capabilities — tuned for rapid design of electric machines across the full operating range.

"Motor-CAD is the leading electric machine design tool. Bringing its technology into the Ansys family of multiphysics analysis software solutions will allow us to deliver tighter integrations and seamless workflows for all aspects of electric machine design," said Shane Ermswiler, senior vice president of products at Ansys. "Together, we will provide customers with the most comprehensive solution for electric machine design, which is critical as industries and companies around the world pursue more electrification and sustainability initiatives."

"MDL will deliver upfront design capabilities to Ansys' industry-leading multiphysics analysis capabilities," said James Goss, CEO of MDL. "Bringing this comprehensive solution to the market will transform how customers approach electric machine design. We are thrilled to join Ansys and together deliver this end-to-end workflow to customers pushing the boundaries of electric machine design and performance."

/ About Ansys

If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge, or put on wearable technology, chances are you've used a product where Ansys software played a critical role in its creation. Ansys is the global leader in engineering simulation. Through our strategy of Pervasive Engineering Simulation, we help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, Ansys is headquartered south of Pittsburgh, Pennsylvania, U.S.A. Visit

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/ Forward-Looking Information

This information contains certain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 with respect to the acquisition, including statements regarding the benefits of the acquisition and the products and markets of each company. These forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "intend," "future," "opportunity," "plan," "may," "should," "will," "would," and similar expressions. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements including but not limited to: (i) risks that the proposed transaction disrupts current plans and operations of Motor Design Limited (MDL) and potential difficulties in MDL employee retention as a result of the transaction; (ii) risks related to diverting management's attention from MDL's ongoing business operations; (iii) the ability of Ansys to successfully integrate MDL's operations, product lines, and technology; (iv) the short- and longer-term effects of the COVID-19 pandemic; (v) the ability of Ansys to implement its plans, forecasts, and other expectations with respect to MDL's business and realize additional opportunities for growth and innovation; and (vi) adverse changes in the economic and political conditions in the regions in which Ansys and MDL operate. In addition, please refer to the documents that Ansys files with the SEC on Forms 10-K, 10-Q and 8-K. These filings identify and address other important risks and uncertainties that could cause events and results to differ materially from those contained in the forward-looking statements set forth herein. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Ansys assumes no obligation to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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