



**SONA COMSTAR**

## **Sona Comstar partners with C-Motive Technologies to develop electrostatic drive motors for EV applications**

- *C-Motive has developed the world's first commercially viable electrostatic motor, which is magnet-less and uses very little copper and delivers high torque at ultra-high efficiency.*
- *Sona Comstar and C-Motive will collaborate to develop electrostatic drive motors for electric vehicle (EV) applications, for which serial production will likely start in 2026.*
- *The proposal involves participation in C-Motive's latest financing round.*

**Gurgaon, 5<sup>th</sup> May 2022: Sona BLW Precision Forgings Ltd (Sona Comstar\*),** a leading global automotive technology company, has partnered with **C-Motive Technologies ("C-Motive")**, the technology company that has developed the world's first commercially viable electrostatic motor. **Sona Comstar and C-Motive will collaborate to develop electrostatic drive motors for electric vehicle (EV) applications, for which we estimate the serial production will likely start in 2026.** The proposal, amongst others, involves participation in C-Motive's latest financing round.

C-Motive's product is a reinvention of the electric motor. Traditional electric motors use electromagnetic forces to convert electric power to mechanical power. C-Motive's product harnesses the power of static cling to liberate engineers and designers from permanent magnets and active cooling. C-Motive's electrostatic machines deliver high torque and ultra-high efficiency at low speeds without using rare earth metals or permanent magnets.

C-Motive's electrostatic machine technology can be scaled from a single kilowatt to tens of megawatts. These machines can be designed for varied purposes: small, modular torque motors for stationary applications to large, rugged machines for e-mobility drivetrains and multimewatt generators for wind turbines. By limiting the use of copper and removing the need for permanent magnets, C-Motive's technology can deliver a machine that is less price volatile and more efficient at the same time, reducing embodied carbon and carbon emissions along the way.

Commenting on the partnership **Mr Kiran M Deshmukh, Group CTO of Sona Comstar**, said, "We are proud to announce our partnership with C-Motive, a technology start-up that is using electrostatic forces to build a motor through a series of multiplicative gains in mechanical, electrical, and electrochemical innovations. We are impressed with C-Motive's motor's high yet ripple-free torque generation without active cooling, very little copper, and no rare earth metals or magnets. With the development of technologically superior and commercially competitive products compared to the existing electromagnetic motors, there will be a large market opportunity in the fast-growing e-mobility market. Sona Comstar will continue to offer cutting edge technologies to its customers and play a leading role in driving faster adoption of electric mobility in India and globally."

**Mr Matthew Maroon, Chief Executive Officer at C-Motive Technologies**, commented, "C-Motive was founded with the goal of transforming how the world produces and consumes electricity. We share Sona Comstar's vision of the mobility markets of the future and believe that their technical capabilities, global reach, and high-quality manufacturing operations are an ideal match for C-Motive's next-generation motor technology. Together we will be able to accelerate the world's transition to electrify mobility and do so with an efficient and environmentally sustainable product. On behalf of the entire C-Motive team, we thank the team at Sona Comstar for their vision and hard work in putting this partnership in place. We are excited for our future together."

**- ENDS -**



**SONA COMSTAR**

## About Sona BLW Precision Forgings Limited

Sona BLW Precision Forgings Limited (**Sona Comstar**) is one of **the world's leading automotive technology companies**. Founded in 1995, it is headquartered in Gurugram, India and has emerged as a global supplier with nine manufacturing and assembly facilities across India, USA, Mexico, and China.

Sona Comstar is primarily engaged in designing, manufacturing, and supplying highly engineered, mission-critical automotive systems and components to automotive OEMs. Sona Comstar is a leading supplier to the fast-growing **global Electric Vehicle (EV)** market. The company has strong R&D, engineering and technological capabilities in precision forging, mechanical and electrical systems, as well as base and application software development. It is diversified across geographies, products, vehicle segments and customers.

Sona BLW Precision Forgings Limited is listed on BSE Ltd (**BSE**) (Code: SONACOMS/543300) and the National Stock Exchange of India Ltd. (**NSE**) (Symbol: SONACOMS). To learn more about Sona Comstar, please visit [www.sonacomstar.com](http://www.sonacomstar.com).

\* Sona Comstar includes its subsidiaries.

## About C-Motive Technologies

C-Motive Technologies is a high-tech electric motor company based in Madison, Wisconsin, that is unleashing the potential of electrostatic motors, generators, and actuators. C-Motive's electrostatic product is the first commercial implantation of technology that dates back 275 years. The company's technology is backed by over 30 patents, more than 50 trade secrets and decades of cumulative research and development. To learn more about C-Motive, please visit [www.c-motive.com](http://www.c-motive.com)

### Contact for Sona Comstar:

**Sona BLW Precision Forgings Ltd.**

**Premanjali Singh**

Email: [premanjali.singh@sonacomstar.com](mailto:premanjali.singh@sonacomstar.com)

**Concept PR (Press Relations Advisors)**

**Amir Ali Hashmi**

Tel: + 91 99111 90972

Email: [amir@conceptpr.in](mailto:amir@conceptpr.in)

### Contact for C-Motive:

**C-Motive Technologies, Inc.**

**Matthew Maroon**

Email: [matt@c-motive.com](mailto:matt@c-motive.com)

Tel: +1 608 203 5386