



## Horse Powertrain's Aurobay Technologies division awarded 2025 Automotive News PACE Award

- Aurobay Technologies' Hybrid Powertrain Technology wins 2025 Automotive News PACE Award
- Hybrid Powertrain Technology developed for Geely brand, Leishen, combines 3DHT100 transmission and BHE15 engine
- 3DHT100 transmission delivers outstanding torque density
- 1.5-liter Turbo BHE15 engine offers industry-leading thermal efficiency

**8 May 2025** – Aurobay Technologies, a division of Horse Powertrain, has been awarded a coveted 2025 Automotive News PACE Award. Aurobay was recognised for its groundbreaking Hybrid Powertrain Technology, developed for Aurobay's customer, Leishen, a brand within the Geely Auto Group.

In a single compact package, the platform combines Aurobay's multi-gear dual electric motor 3DHT100 transmission with its 1.5-liter turbocharged BHE15 engine. It is the first full hybrid powertrain in the industry to integrate a serial-parallel dual-electric motor, enabled by its innovative embedded planetary gearset structure.

The 3DHT100 transmission delivers outstanding torque density and exceptional fuel efficiency, in a compact package suitable for vehicles in the A-D segments.

The BHE15's high thermal efficiency stands out among mass-produced hybrid engines. The turbocharged system uses the Miller cycle, which prioritizes airflow, increasing kinetic energy by 44 per cent and combustion speed by 20 per cent.

**Matias Giannini, CEO at Horse Powertrain, says:** *"As a problem solver to the OEMs, Horse Powertrain is always committed to delivering the very best innovation in combustion and hybrid technologies. This technology, coming from our Aurobay Technologies division, headquartered in China, is the result of many years of hard work, enabling us to deliver a hybrid engine that sets new benchmarks for power and efficiency. While many have given up on continuing to innovate in the area of ICE and Hybrid technologies, this remains a real focus for us at Horse Powertrain. We are very honored to receive this award and the recognition of our technology leadership"*

The Automotive News PACE Awards recognise the most innovative new products and processes from suppliers that have reached commercial production. Now in its 30<sup>th</sup> year, the awards are the automotive industry's most authoritative recognitions of fundamental technology and engineering innovation.

The judges noted the system's blend of compact dimensions, power, and efficiency as reasons for its award. The technology's high thermal efficiency raises the bar for mass-produced hybrid powertrains, with the system already in use across numerous hybrid vehicles.

**Ruiping Wang, CEO at Aurobay Technologies, says:** *"We are honored by the recognition of our Hybrid Powertrain Technology with an Automotive News PACE Award. Our team is pushing at the boundaries of the possible, and this integrated hybrid system developed for Leishen is a perfect example of our philosophy of developing world-class products for a global audience. We're excited to see the technology adopted on other vehicle platforms and deliver the benefits of these innovations to OEMs and drivers worldwide."*

**ENDS**



#### About Horse Powertrain

Horse Powertrain consists of two divisions, Aurobay Technologies and Horse Technologies. It is a world leader in hybrid and combustion powertrain solutions. Headquartered in London, UK, the company employs 19,000 people globally across 17 plants and five R&D centers. Horse Powertrain's three shareholders are Renault Group (45%), Geely (45%), and Aramco (10%).

For more information, please contact:

- **Kate Saxton:** [kate.saxton@horse.tech](mailto:kate.saxton@horse.tech), +34 679 07 20 87
- **Performance Communications:** [horse@performancecomms.com](mailto:horse@performancecomms.com)