



HORSE SUPPLIES LOW-EMISSION ENGINE TO CHILEAN INNOVATIVE ELECTRIC BUS MANUFACTURER, REBORN ELECTRIC MOTORS

- HORSE has supplied its first engine to REBORN Electric Motors, one of the leading electric bus factories in the region
- 1.0-litre engine will power Range Extender technology within the vehicle, to be used across South America
- HORSE selected as supplier due to expertise in local Curitiba production facility
- HORSE and REBORN Electric Motors share the goal of helping to accelerate decarbonisation of the transport industry

HORSE, a global leader in innovative powertrain solutions, has delivered the first engine to REBORN Electric Motors aimed at making transport more sustainable in South America.

HORSE was chosen because of its local-market expertise and volume production that can guarantee long-term supply to REBORN Electric Motors, which builds and renovates buses for Chile.

The 1.0-litre 3-cylinder turbo petrol engine, produced at the company's Curitiba, Brazil facility, has been fitted to a 24-seat bus with Range Extender technology.

The engine has peak power of 86kW @ 5,000 rpm and reaches maximum torque of 200Nm @ 1,750 rpm. The range extender takes energy from the engine and charges the on-board battery, with the battery providing electricity to power the electric motor which drives the wheels.

Patrice Haettel, Chief Executive Officer at HORSE, said: *"This is an incredibly important moment for our business as we're going beyond supplying our core automotive partners and entering another exciting mobility sector in South America. We're creating tailor-made, low-emission solutions that support the pace of change, and the technical needs of global markets as we transition to a more sustainable future. REBORN is benefitting from our global footprint that delivers both world-class production and testing facilities."*

The HORSE Curitiba plant encompasses a powertrain plant and foundry, one of the largest industrial bases in South America. It produces both 1.0-litre (BR10) and 1.6-litre (HR16) powertrains, as well as crankshafts, cylinder heads and engine blocks. The on-site foundry die-casts aluminium engine blocks and cylinder heads.

Felipe Cevallos Becker, Chief Executive Officer at REBORN Electric Motors, added: *"Our goal is to accelerate the migration to a more sustainable mobility, creating new solutions for the Latin American market. HORSE was the perfect partner with its local market knowledge and ability to quickly respond to this exciting opportunity to create a new low emission vehicle for the market."*

HORSE: a leader in Innovative Power Solutions

Since its creation less than a year ago, HORSE has maintained an upward trajectory, thanks to its strong focus on R&D, and its ability to form new commercial partnerships.

HORSE was created to provide highly efficient, low-emission engines, transmissions and technologies to meet the varying power generation needs around the world. HORSE is a truly global company, with eight production plants across seven countries, three R&D centres and a head office based in Madrid, Spain. The company produces 3.2 million units per year for its customers around the world.

REBORN Electric Motors



REBORN Electric Motors specializes in sustainable transport for commercial vehicles and public transport in Latin America. The company pioneers a novel electromobility solutions tailored to the needs of the Latin American market, offering a fleet of fully electric and hydrogen-powered buses. In addition, it retrofits diesel buses with new electrified powertrains which both reduces carbon dioxide (CO₂) emitted during operation, as well as extending the lifespan of the vehicle.

REBORN Electric Motors, founded by a group of engineers from universities across Chile, has a research & development facility in Rancagua, Chile with the focus on development of future sustainable mobility.

HORSE and REBORN Electric Motors share the goal of helping to accelerate decarbonisation of the transport industry.

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About HORSE

HORSE is a global supplier of innovative power solutions. It believes that there is no one-size-fits-all solution to sustainable mobility and so is investing in technologies which will support the automotive industry, and other sectors requiring power generation, in their transition to a sustainable future. Inheriting decades of industrial know-how from Renault Group, HORSE develops, produces and supplies highly efficient full-hybrid, plug-in hybrid and internal combustion powertrains, and cutting-edge technologies (engines, gearboxes, full-hybrid and plug-in hybrid systems, and batteries).

Employing over 9,000 people in seven countries, it is headquartered in Madrid, Spain and has eight manufacturing plants and three R&D centres around the world (Argentina, in Córdoba; Brazil in Curitiba; Chile in Los Andes; Portugal in Aveiro; Romania in Bucharest, Mioveni and Titu; Spain in Seville and Valladolid, and Turkey in Bursa in partnership with Oyak).