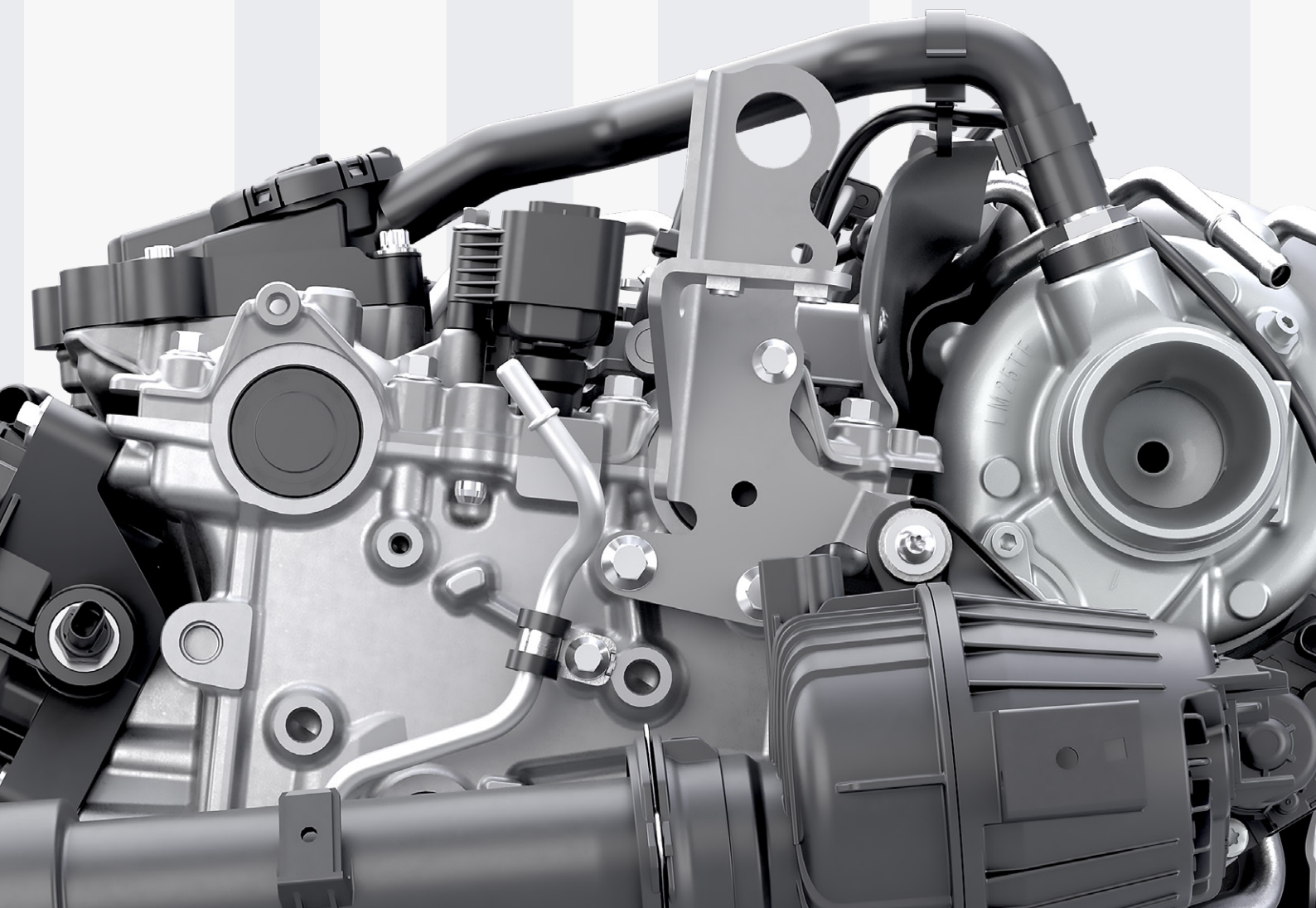


NEXT-GENERATION POWERTRAIN SOLUTIONS



We offer a range of powertrain solutions to meet the needs of customers, in every region, across every fuel type. From integrated powertrain systems to standalone products: combustion engines, hybrid solutions, transmissions and range extenders.

Whatever your need, we have the expertise, scale and innovation to deliver. Solving the biggest challenges together.

A global footprint.



Argentina	Córdoba
Brazil	Curitiba
Chile	Los Andes
China	Zhangjiakou
	Chunxiao
	Hangzhou Bay
	Yiwu
	Baoji
	Guiyang
	Taizhou
	Changxing
Portugal	Aveiro
Romania	Mioveni
	Titu
Spain	Sevilla
	Madrid
	Valladolid
Sweden	Göteborg
	Skövde
Türkiye	Bursa
United Kingdom	London

A new global leader in
powertrain solutions

Revenue outlook €

15bn

Units produced
per annum

+8m

Countries our products
are present in

130

Manufacturing Plants

17

R&D Centers

5

Employees

19 000

POWERTRAIN SYSTEMS

Horse Powertrain brings together powertrain components from across our portfolio into powertrain systems, designed to work seamlessly across combustion, hybrid and EV platforms. This enables customers to cost efficiently broaden their offering and shorten time to market, staying focused on their strategic priorities.



01

Horse One combustion powertrain systems

Integrated systems compatible with a variety of fuels
– from traditional to synthetic, to meet local demand
around the world.

ONE



02

Horse Fusion hybrid powertrain systems

Integrated HEV, PHEV and REEV systems for almost
any vehicle platform and fuel type, which can quickly
go into production.

FUSION



03

Horse X-Range powertrain systems

Integrated systems offering the benefits of electrification,
alongside a combustion engine, to extend range. Increases
the choice that OEMs can offer from their EV platforms,
with minimal modifications.

X-RANGE

IN THE SPOTLIGHT

Our latest innovations offer a frictionless way to broaden OEM line-ups on new and existing vehicle platforms. Allowing our customers to focus on the differentiators, design, software and EV platforms.

COMING 2027

The future is soon

FUTURE HYBRID SYSTEM

Introducing Future Hybrid System, a revolutionary hybrid system that offers an affordable and effective way to hybridize EV platforms. Combines engine, transmission, motor and power electronics into an integrated system. Presented at Auto Shanghai 2025 as the Future Hybrid Concept.



FUTURE HYBRID SYSTEM

Key features

- With uniquely compact dimensions the system can fit into a BEV front compartment
- Minimal adaptation of the BEV platform, bolting directly to the subframe
- Enables range-extender, FWD and AWD modes
- Available in FWD and AWD configurations
- Ensures compliance with global safety and crash standards
- Fuel versatility: supports traditional and alternative fuels
- Future-proof design supports next-generation PFAS*-free air conditioning systems

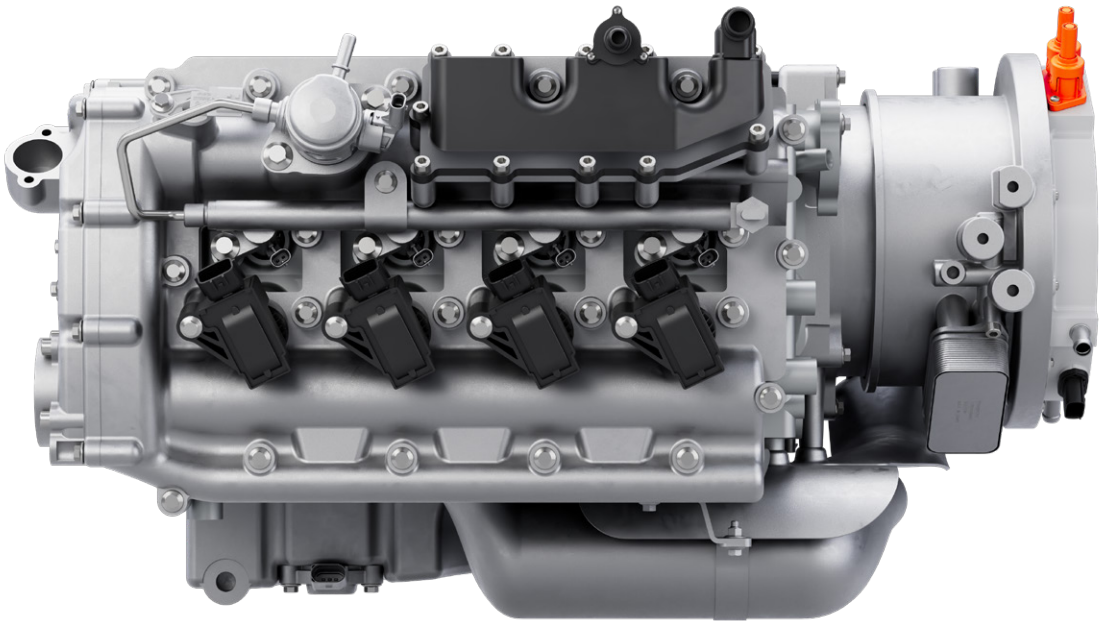
*Per- and Polyfluoroalkyl Substances

AVAILABLE 2027

Helping all EVs go the extra mile

HORSE C15

An ultra compact single unit that combines engine and generator, transforming BEVs into range-extended EVs, allowing OEMs to easily and efficiently widen their product line-ups to meet market demands. The ideal transitional technology for markets and consumers not yet ready for full electrification.



HORSE C15

Key features

- Briefcase-shaped system combines a 1.5-liter, 4-cylinder engine with generator, exhaust, and cooling unit, that can be packaged horizontally or vertically
- Allows for simple integration with existing EDUs and designed to fit into the front compartment of BEV platforms or in the rear
- Measures 500 x 550 x 275 mm
- Designed for Euro 7 compliance, China 7, SULEV20
- Can be fitted into passenger vehicles as small as B-segment, through to LCVs

Technical specifications

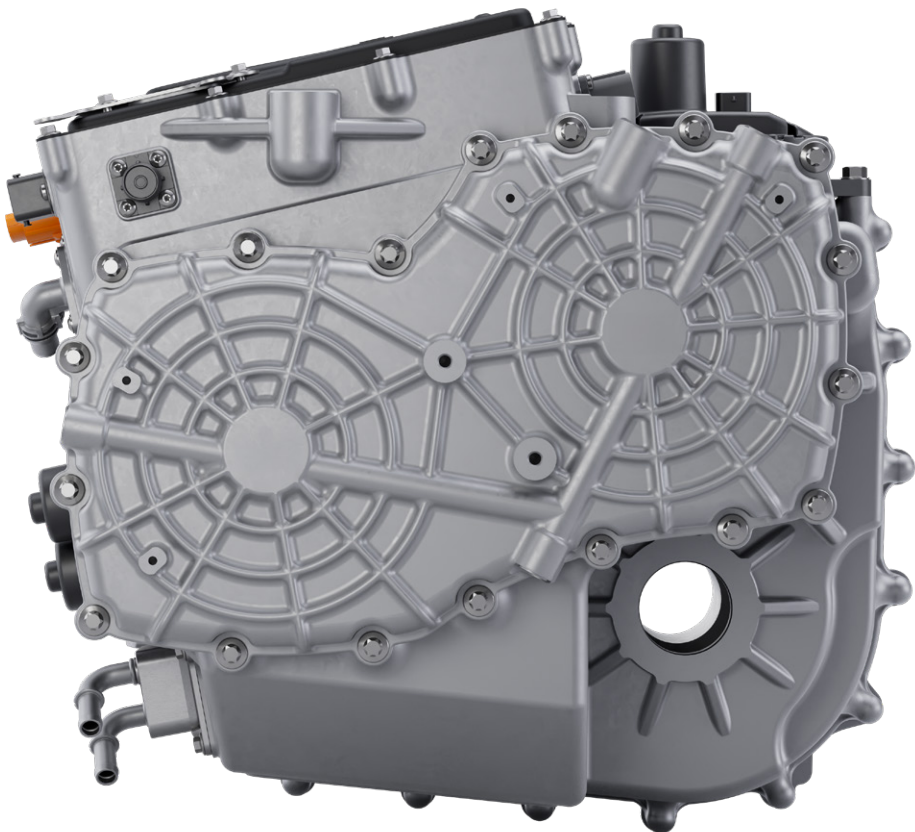
Maximum Power:	N/A: up to 70kW, T: up to 120kW
Fuel Type:	Gasoline & e-Fuel
Number of Cylinders:	4
Displacement:	1.5L
Induction:	Naturally Aspirated, Turbocharged
Compression Ratio:	14.5:1
Fuel Injection:	Direct Injection

AVAILABLE 2028

Small but mighty

HORSE 4DHT120

Our Horse 4DHT120 transmission can be used on a hybrid engine of any fuel type. It delivers the driving feel of an EV, as well as providing outstanding fuel efficiency on both city and highway driving.



HORSE 4DHT120

Key features

- 5-in-1 unit, combining eMotor, Hybrid Starter Generator, Power Electronics Box, DCDC converter and transmission
- 30% smaller and up to 10kg lighter than predecessor, while still able to deliver up to 3800Nm of output torque
- Improved acceleration and gear shifts, feels like driving an EV

Technical specifications

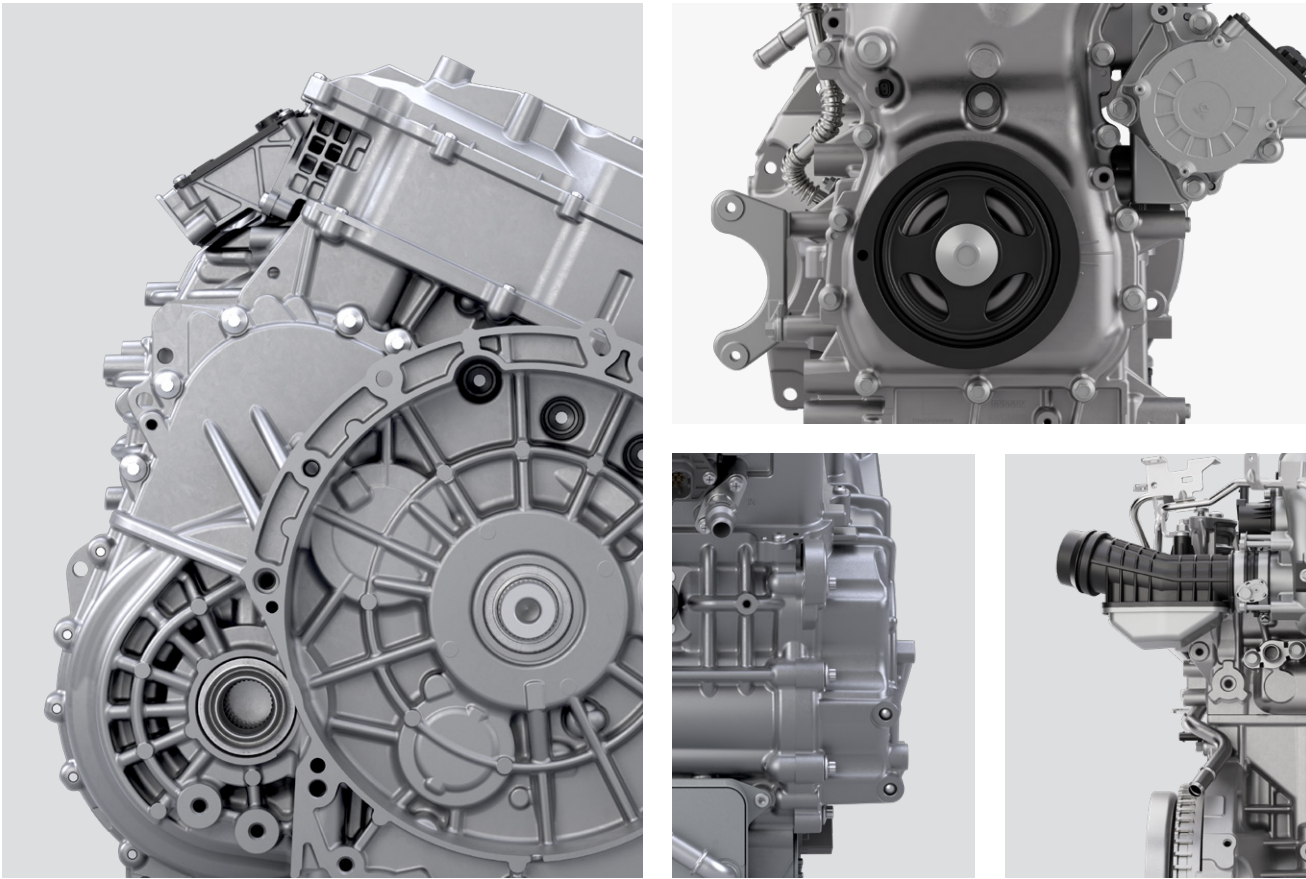
Generator Peak Power:	60kW
eMotor Peak Power:	120kW
Cooling:	Oil
Number of gears:	4
Clutch:	No clutch
Maximum Out Torque:	3800Nm

AVAILABLE NOW

Efficiency + power = performance

HORSE B15 + HORSE 3DHT160

The latest generation engine and transmission that delivers leading hybrid technology and a powerful EV driving experience. Available in the Lynk&Co 08.



HORSE B15 + HORSE 3DHT160

Key system features

- Can be driven in both series and parallel hybrid configurations
- A powerful Miller Cycle engine, high-efficiency turbocharger
- The latest generation system controls that delivers outstanding fuel economy in hybrid mode
- A dedicated hybrid transmission with excellent NVH properties, delivering a seamless EV driving experience

Technical specifications (Horse B15)

Maximum Power:	102kW @ 5500 rpm
Max Torque:	230Nm
Fuel type:	Gasoline
Number of Cylinders:	4
Displacement:	1.5L
Induction:	Turbocharged
Compression Ratio:	14:1
Fuel Injection:	Direct Injection

Technical specifications (Horse 3DHT160)

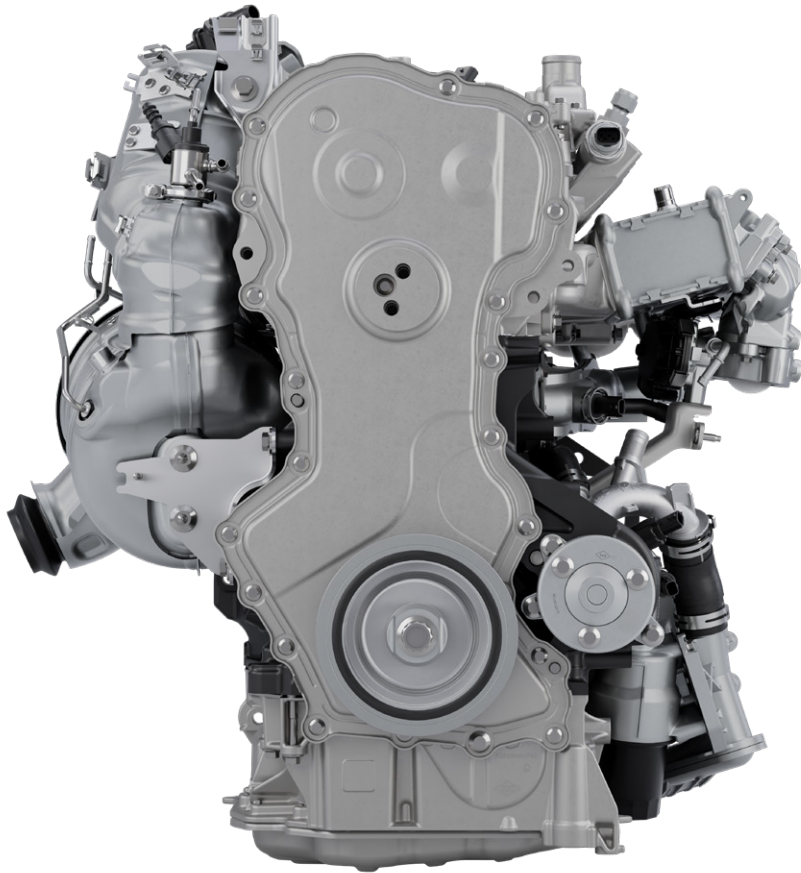
Hybrid Architecture:	P1+P3 Series-Parallel
Gear position:	Engine 3 Gear, Drive Motor 1 gear
Maximum Output Torque:	4920Nm
Peak Motor Power:	P1:100kW, P3:160kW

COMING SOON

An engine with near zero tailpipe emissions

HORSE M20 HYDROGEN

Hydrogen combustion powertrains create an opportunity for OEMs to adapt existing vehicle architectures to be powered by low-emission alternative fuels. Our M20 Hydrogen engine is an affordable, fast-filling mobility option with virtually zero tailpipe emissions.



HORSE M20 HYDROGEN

Key features

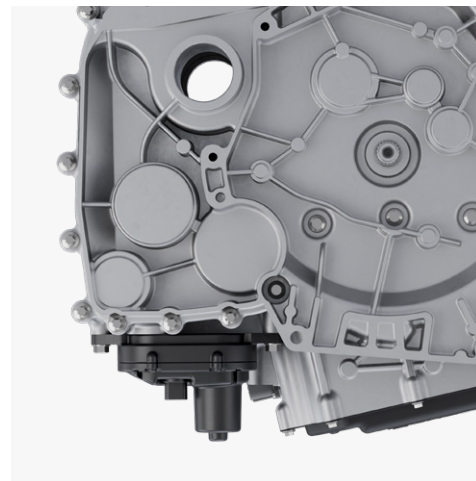
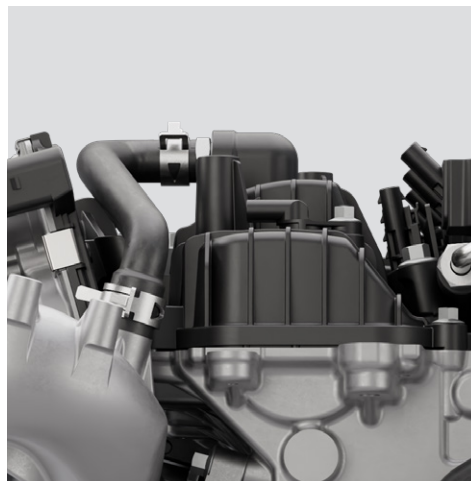
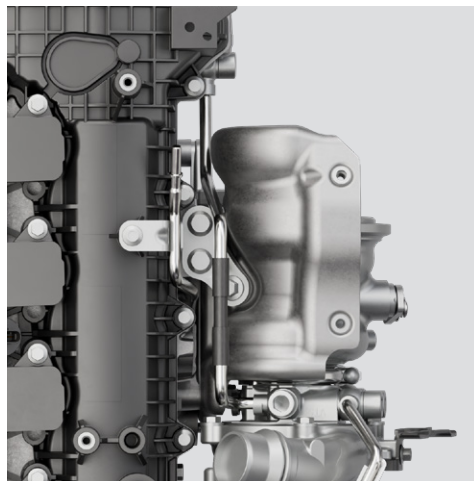
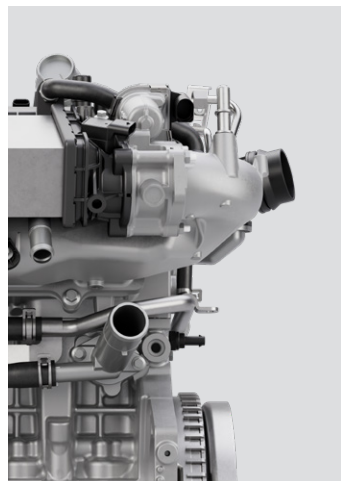
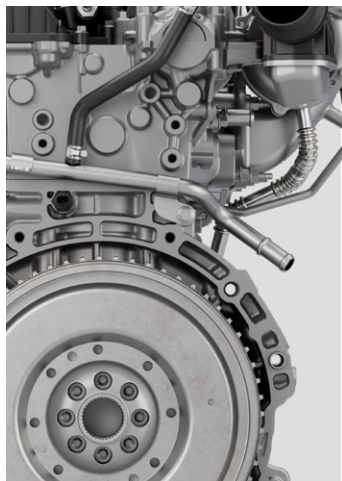
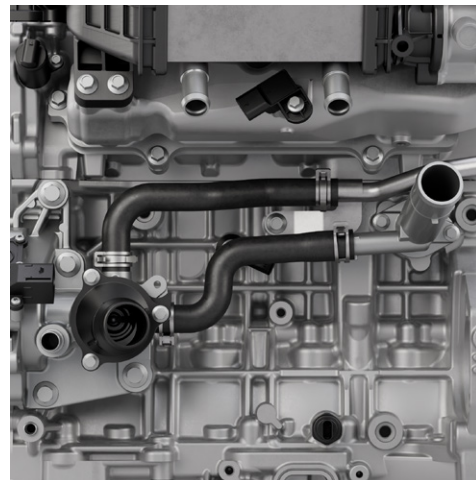
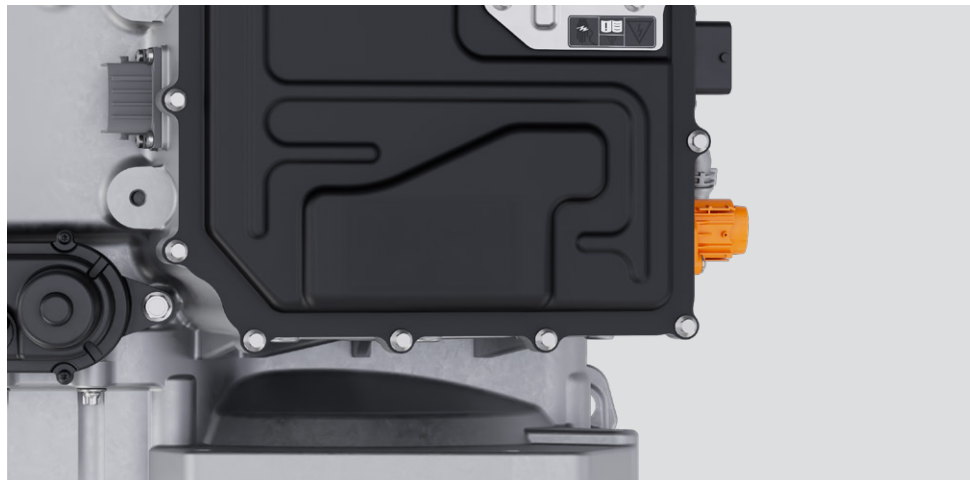
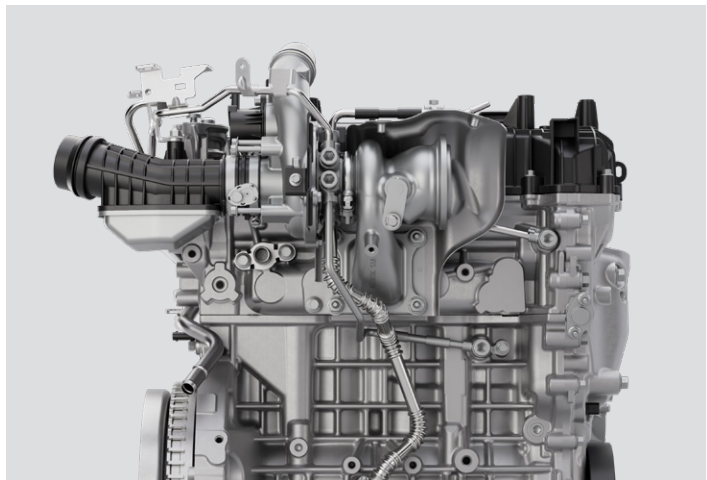
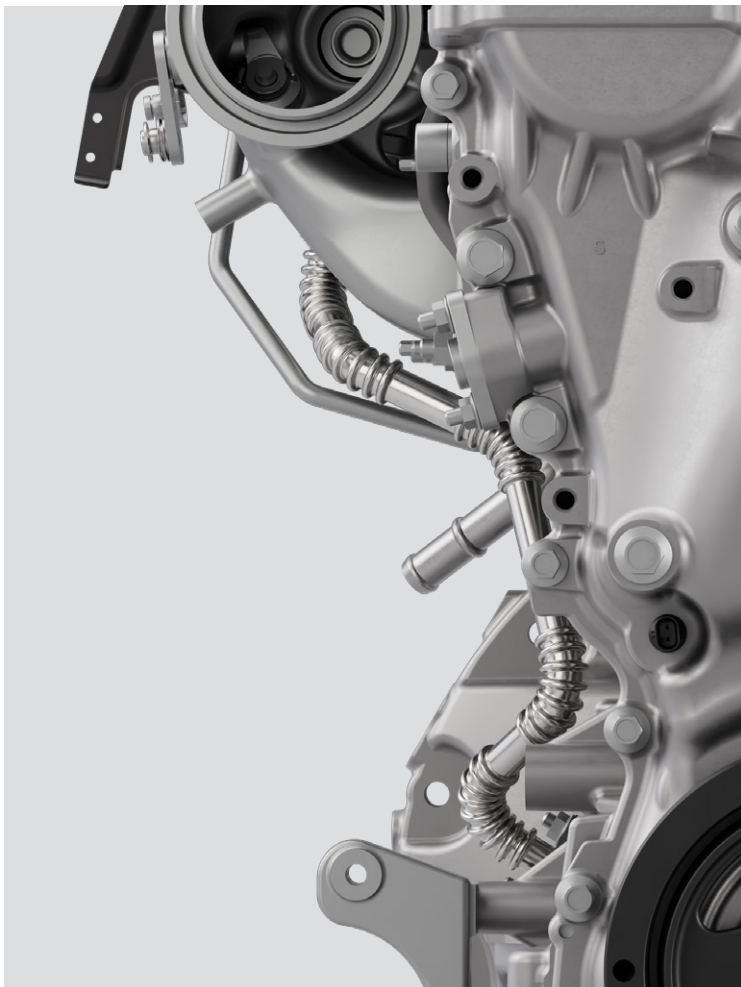
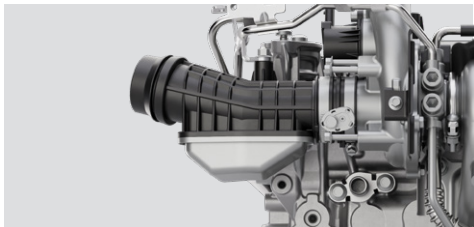
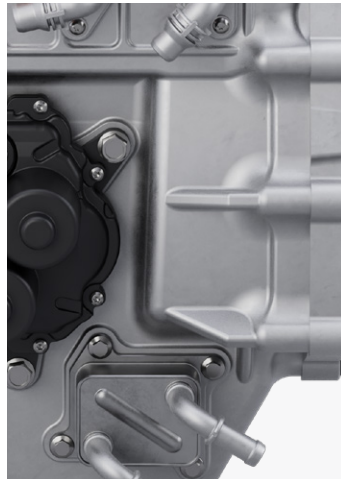
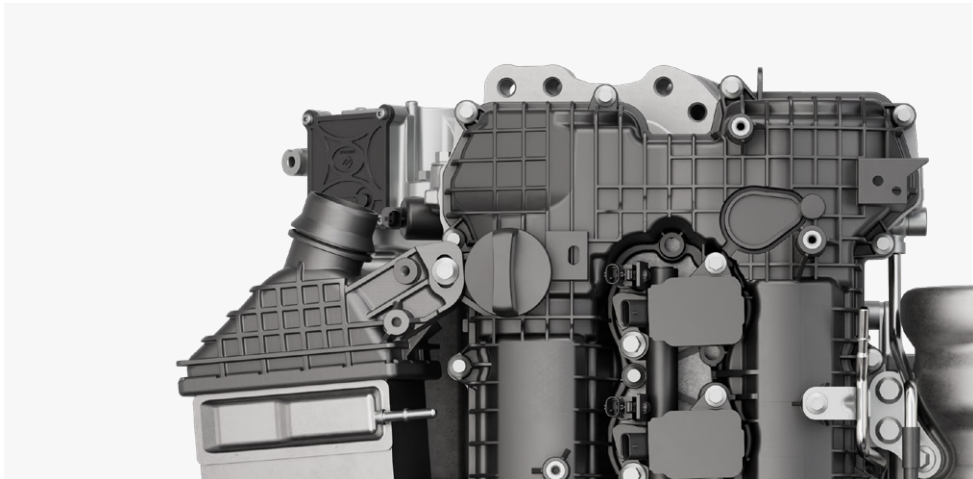
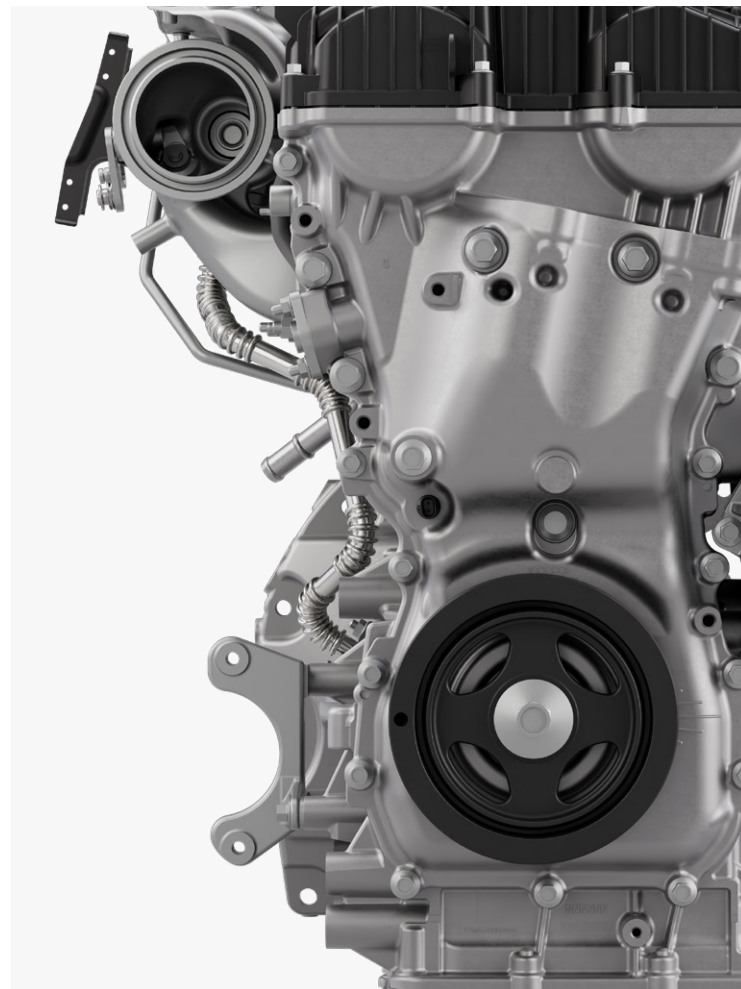
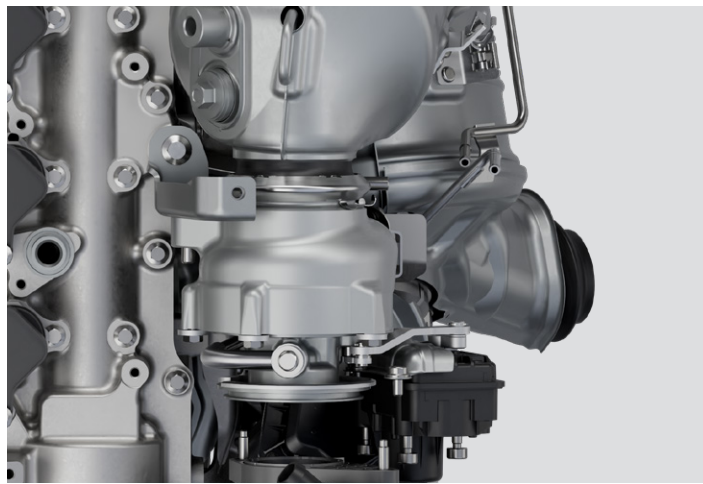
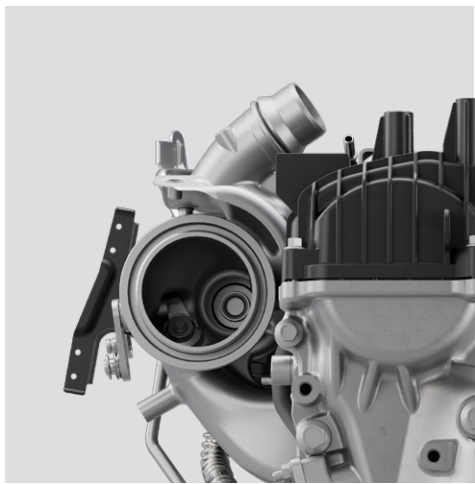
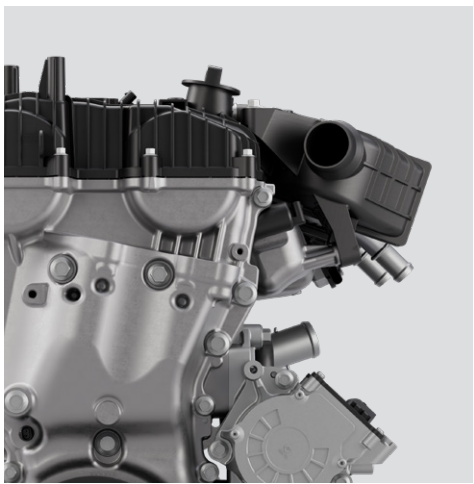
- Adapted from our existing 2.0-liter four-cylinder diesel engine
- New powertrain can be applied to passenger cars or light commercial vehicles
- Engine emits less than 1g/km CO₂, future-proofed design for Euro 7 compliance for NO_x emissions
- Hydrogen combustion powertrains minimize precious metal usage, delivering significantly lower lifecycle emissions than fuel cell or battery electric vehicles

Technical specifications

Maximum Power:	105kW @ 3500 rpm
Maximum Torque:	340Nm @ 2500 rpm
Maximum RPM:	4000 rpm
Fuel Type:	Hydrogen
Number of Cylinders:	4
Displacement:	2.0L
Induction:	Turbocharged
Compression Ratio:	10:1
Fuel Injection:	Low Pressure Direct injection

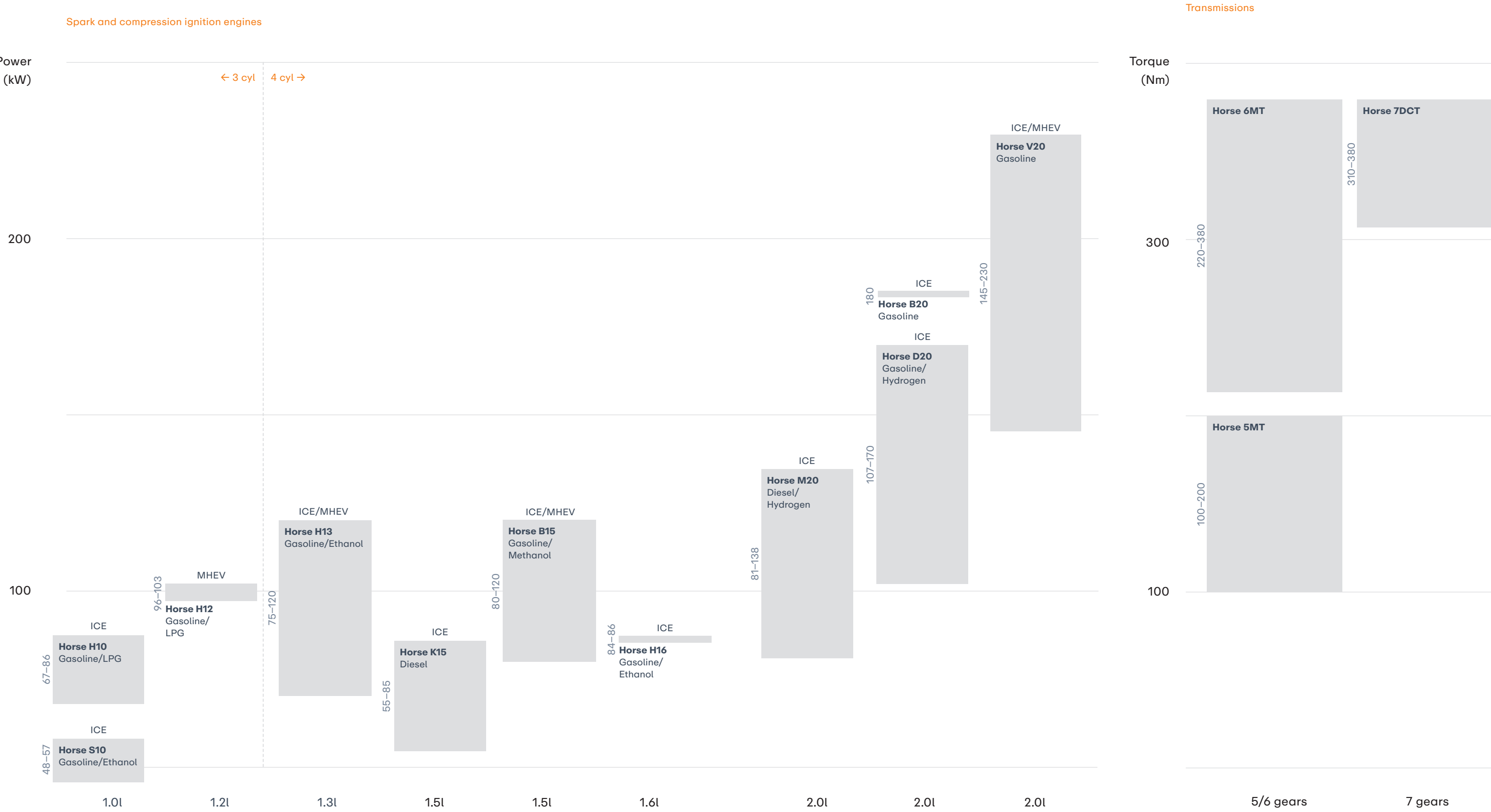
PRODUCT PORTFOLIO

With a broad range of durable, reliable and versatile products, we meet the varied needs of the global market. All of our products can be delivered separately or as part of a One, Fusion or X-Range system configuration.

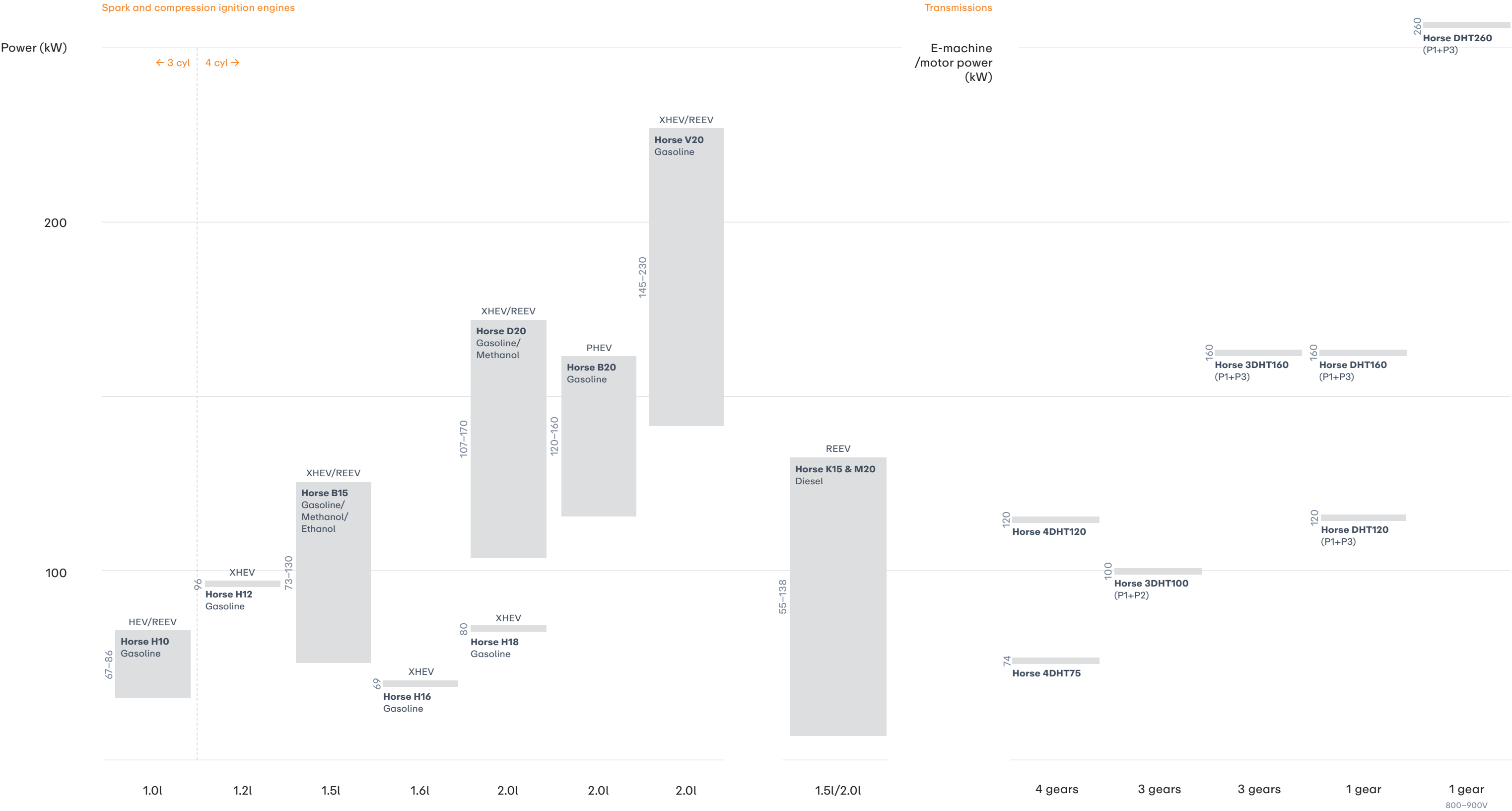


System overview

Horse One combustion engines and transmissions

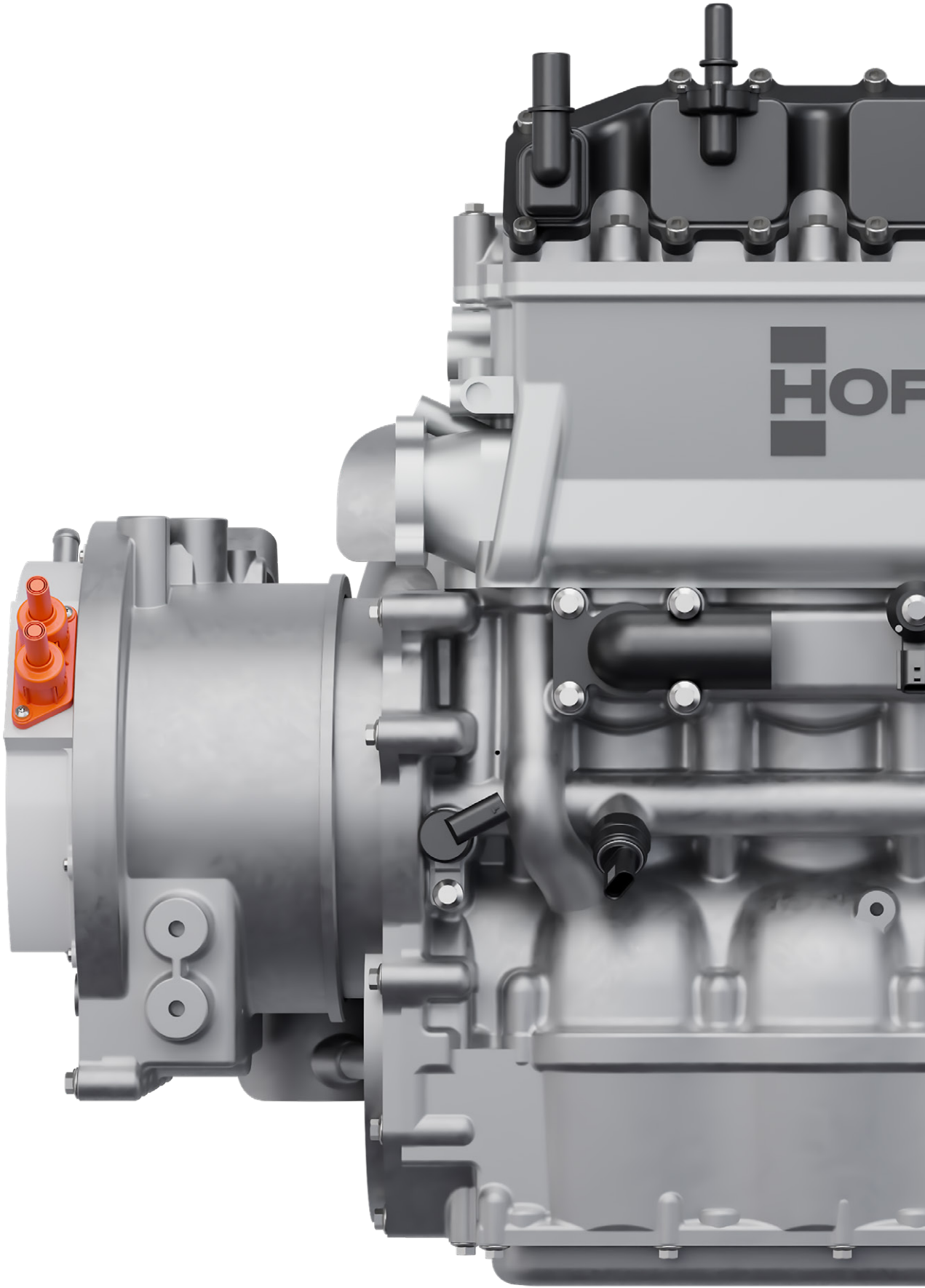
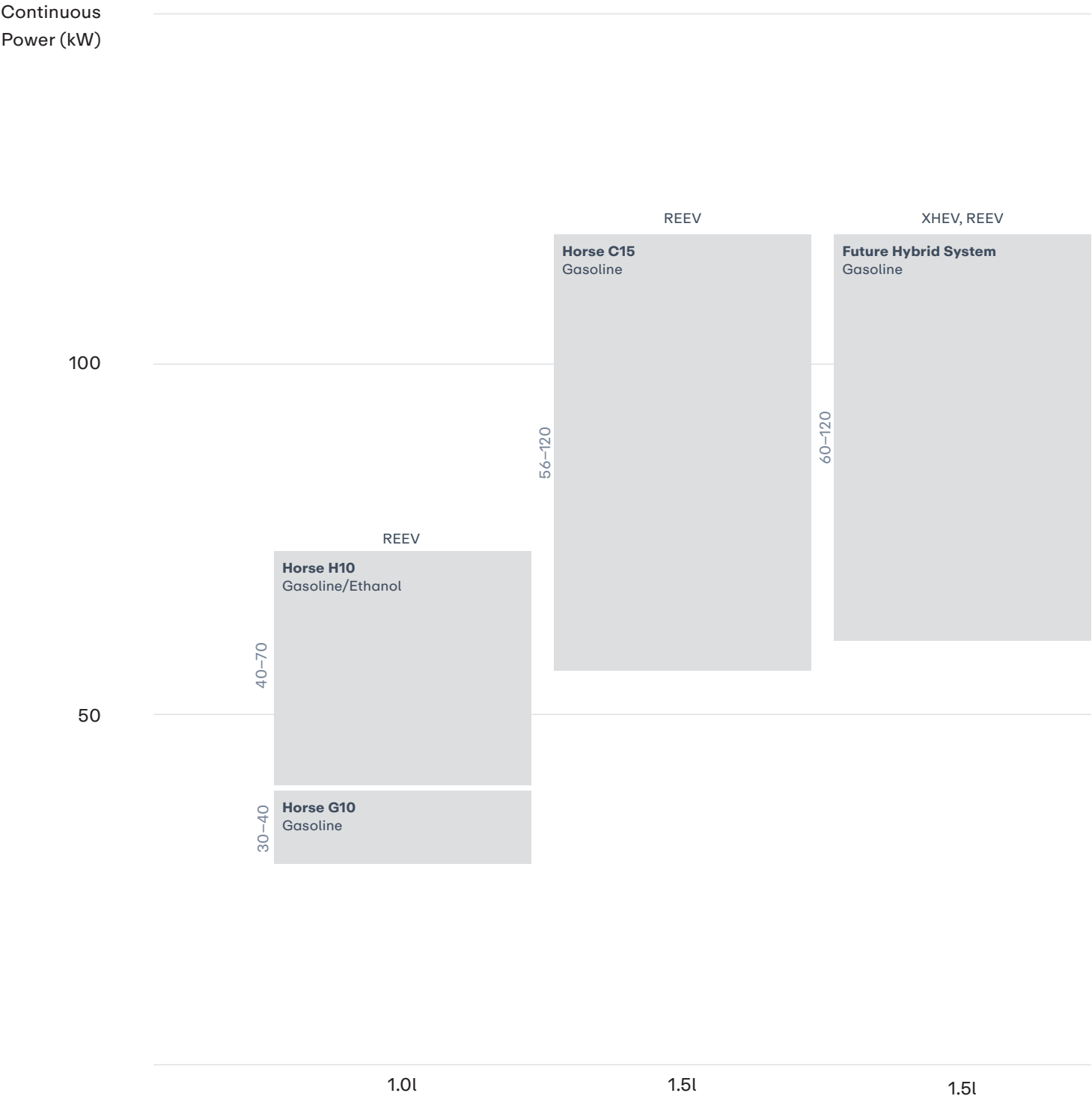


System overview
Horse Fusion hybrid engines and transmissions



System overview

Horse X-Range powertrains for dedicated EV platforms





horse-powertrain.com

salesglobal@horse-powertrain.com

linkedin.com/company/horse-powertrain