

RODIN RC.TEN

naturally aspirated

twin turbo

BLOCK/HEAD MATERIAL	Cast Aluminum	Cast Aluminum
CONFIGURATION	Water-cooled 72° V10	Water-cooled 72° V10
DISPLACEMENT	3998cc	3998cc (244ci)
INDUCTION	Naturally Aspirated	Twin turbo 11 psi boost (gauge)
VALVETRAIN	Gear-drive, DOHC finger follower	Gear-drive, DOHC finger follower
CHAMBER CONFIGURATION	4 valve pent-roof	4 valve pent-roof
BORE X STROKE	86 x 68.8mm	86 x 68.8mm (3.386" x 2.708")
COMPRESSION RATIO	15:1	10.2:1
FUELING	Synthetic 102 RON (50% Sustainable)	Synthetic 102 RON (50% Sustainable)
HORSEPOWER	720bhp @ 11,000rpm	1013bhp @9500rpm
TORQUE	530Nm @ 8,500rpm	560 ft/lbs @7500rpm - (760Nm)
SPECIFIC OUTPUT	185bhp/litre	253bhp/litre - (4.15hp/ci)
WEIGHT	125 - 160kg dependent on config	125 - 160kg dependent on config
ENGINE CONTROL UNIT	LINK G5	BOSCH MS 6.4 (LINK ECU in development)
LUBRICATION	Dry sump	Dry sump
INJECTION TYPE	Direct	Direct



A facility to rival the best

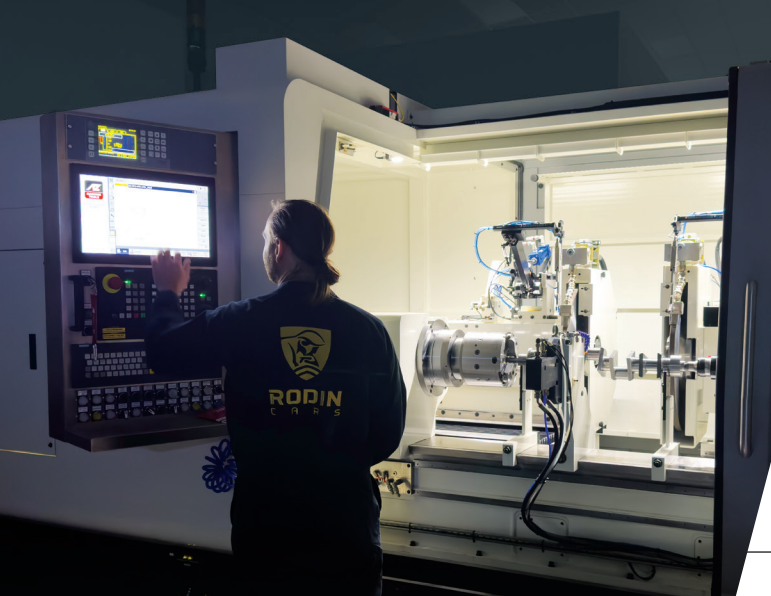
REMOTE, PICTURESQUE & CUTTING EDGE

YOU MAY HAVE BEEN LUCKY ENOUGH TO VISIT, OR PERHAPS DRIVE, SOME OF THE WORLDS MOST RENOWN TRACKS, BUT NOTHING QUITE COMPARES TO THE COMBINATION OF FACILITIES AT RODIN CARS.

A remote 550-hectare property in the shadow of a jagged mountain range on New Zealand's South Island is, at first glance, perhaps an unlikely location for Rodin Cars' high-tech engineering and manufacturing center.

However, featuring three custom-built test tracks surrounded by high-performance engineering and production facilities, the setup has been methodically carved into the valley, to the exacting specifications of single-minded tech entrepreneur, David Dicker.





Rodin production services;

Equipped to cater to a wide range of industries, with a strong focus on precision, advanced technology, and customer satisfaction, there are simply no limits to what we can offer.

Our combination of 3D printing, machining, heat treatments, coatings, and composite manufacturing makes us a versatile and valuable partner for various technical and manufacturing needs.

Additionally, our track and training facility offers a unique and exciting experience for car and racing enthusiasts alike.

- 3D PRINTING
- SPECIALIST MACHINING
- FOUNDRY
- HEAT TREATMENTS & COATINGS
- COMPOSITES
- TRACK & TRAINING



Capacity List;

3D PRINTING: Capable of printing with both metallic and non-metallic materials allowing various manufacturing and prototyping applications.

500 / 320 / 230 / 800 / X7 / FX20 / Figure 4 / HP

SPECIALIST MACHINING: Our production floor is designed to maintain precise conditions with temperature control and vibration isolation for accuracy and repeatability every time.

5, 9 AX Router / 5, 9 AX Mill / 2,6,9 AX Lathe
6 AX Orbital Crank Cam Grinder / CNC Surface Grinder
5 AX Wire Cutter

HEAT TREATMENTS & COATINGS: We provide various heat treatment and coating services to enhance durability and performance, including **PVD** (Physical Vapor Deposition), **DLC** (Diamond Like Carbon), and **Plasma Nitride**.

COMPOSITES: Rodin utilises advanced composite design and manufacturing methods to create lightweight and structurally efficient components.

Autoclaves / Digital Cut Room
Temperature Controlled Build Area

FOUNDRY: The latest introduction to our manufacturing capabilities is a full foundry installation.

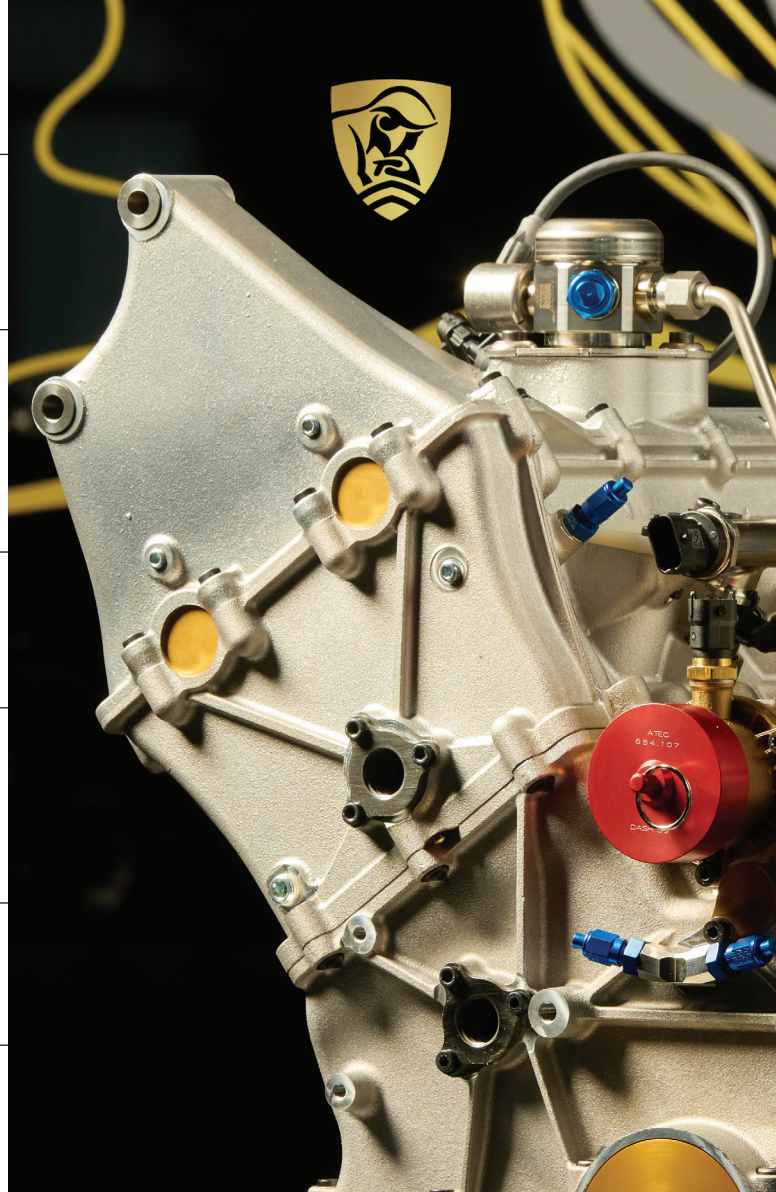
Vacuum Casting / Furnace / Heat Treatment

INSPECTION: Essential for the delivery of repeatable, reliable and exceptional products.

5 AX CMM / Ultrasound / Laser Scanning

For more information about how Rodin Cars can assist you, please get in touch via our website:

www.rodin-cars.com



RODIN
RCTEN

4.0L V10