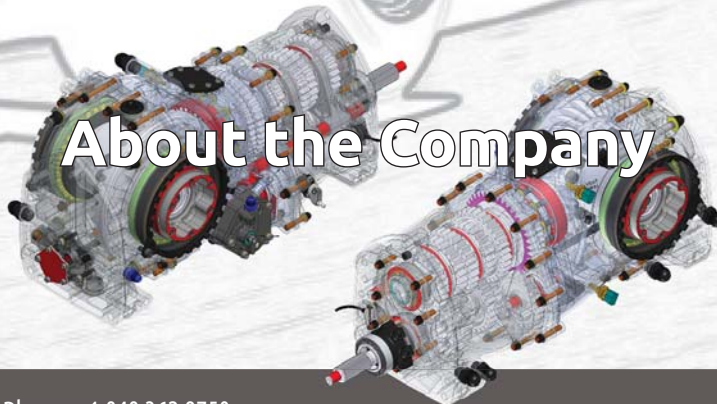


# HOLINGER AMERICA



## HOLINGER Engineering

### About the Company



## About Us

Holinger Engineering has been designing and manufacturing high precision components for motor racing for decades. Specializing in transmissions, we manufacture a range of gearboxes and associated products, from stand-alone bespoke designs right through to gear sets for existing production cars.

## Our Clients

Our gearboxes can be found in a wide range of international classes, from GT racing right through to cross-country rallying. We've supplied several categories with 'control' gearboxes, as well as featuring heavily in open classes.

Some of our customers include Porsche, KTM, Ford, GM, Ralliart, Lamborghini, Aston Martin and BMW, plus many other private teams and racers. Our products have survived some of the toughest endurance events in the world, including the Le Mans, Spa and Nurburgring 24 hour races, the Bathurst 1000, Daytona, Sebring, the Pikes Peak International Hillclimb, and the Dakar Rally.

## Why Choose Us?

- **Product longevity** - Holinger Racing Transmissions are truly world-class, ultra-reliable, and user friendly. We have many customers that have enjoyed years of reliable service from their Holinger gearboxes, many of whom have done so after enduring prolonged frustration and on-going cost from inferior brands.
- **Ease of maintenance** - All of our gearboxes are designed to be easily worked on, with regular workshop tools. So servicing can be easily performed wherever and whenever the need arises.
- **Parts backup** - Holinger prides itself in producing gearboxes with a very long service life and we will always continue to support our classic gearboxes and kits. This means that our customers have the peace of mind that they can always source genuine Holinger parts.

## Winning Transmissions

We have supplied reliable winning transmissions to many categories and classes around the world. Some of our most recent projects include:

- Ford Mustang GT4: 6 speed sequential transmission with paddle shift
- KTM X-bow GT4: 6 speed sequential transaxle and complete paddle-shift system
- Australian S5000 V8 Open-Wheel Series: 6 speed sequential transaxle w/integral oil tank
- V8 Supercars Australia: Control Transmission Supplier until the end of 2012
- Porsche Cup: 2005-2012 Global Control Transmission
- Pikes Peak International Hill Climb: Winner of the 2012 event outright and the 2WD class in 2013
- The Dakar Rally, including the Diesel Ute class victory in 2009
- The Australasian Safari: 1st Outright in 2008, 2009, 2010, 2011 and 2012
- Australian 4x4 Rally Championship (Gravel): 1st Outright 2011 and 2012
- Australian 2WD Rally Championship (Gravel): 1st Outright 2012 and 2013
- Australian Rally Championship (Tarmac): 1st Outright 2010
- International FIA GT Championships
- WTAC 2013/14: Fastest Lap and World Record holders
- WTAC 2015: 1-2-3 swept podium in Pro Class
- D1GP and Formula Drift
- FIA Group N Rallying
- IMSA GTD Class Wins: 12hrs of Sebring 2014/2015, Detroit 2015, Monterey 2015
- plus many others...

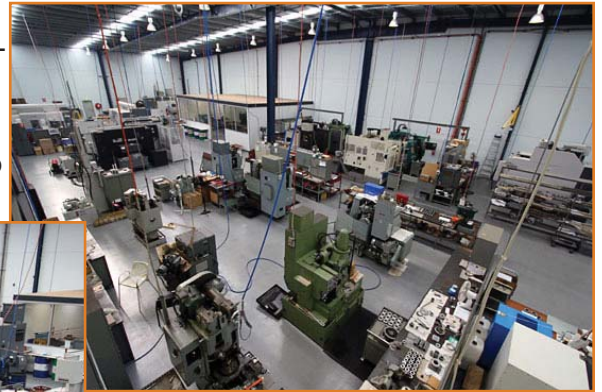
Quality directly translates to performance, in the form of well-designed, lightweight components that can withstand the rigors of motorsport. Holinger Racing Transmissions combine a great blend of these assets; performance, reliability and weight, which would only be possible with the highest quality standards.

### The Holinger Factory

The Holinger factory is a purpose built 'start-to-finish' facility. It contains multiple CNC Lathes, Machining Centres, 9-Axis Multi-Tasking Centres, Gear Hobbing and Spline Broaching machines, plus a Vacuum Carburizing Furnace to perform Heat Treatment in-house. This is followed up with

a multitude of grinding equipment for the critical post heat-treatment finishing operations, as well as our own specialised Duplex Shot Peening sequences. Highly accurate Gear Profile Grinding and Super Finishing operations are also performed in-

house, giving us the capability to produce gears of superior quality and service-life over many of our competitors.



### The Holinger Design Office



The Holinger design office has nearly 100 collective years of motorsport and transmission engineering experience, coupled with the latest CAD/CAM tools at their disposal. The philosophy is to design gearboxes to be 'heirlooms' rather than 'consumables', the proof of this being in the large number of Holinger Gearboxes still being used today after years of faithful service.

### Measurable Quality

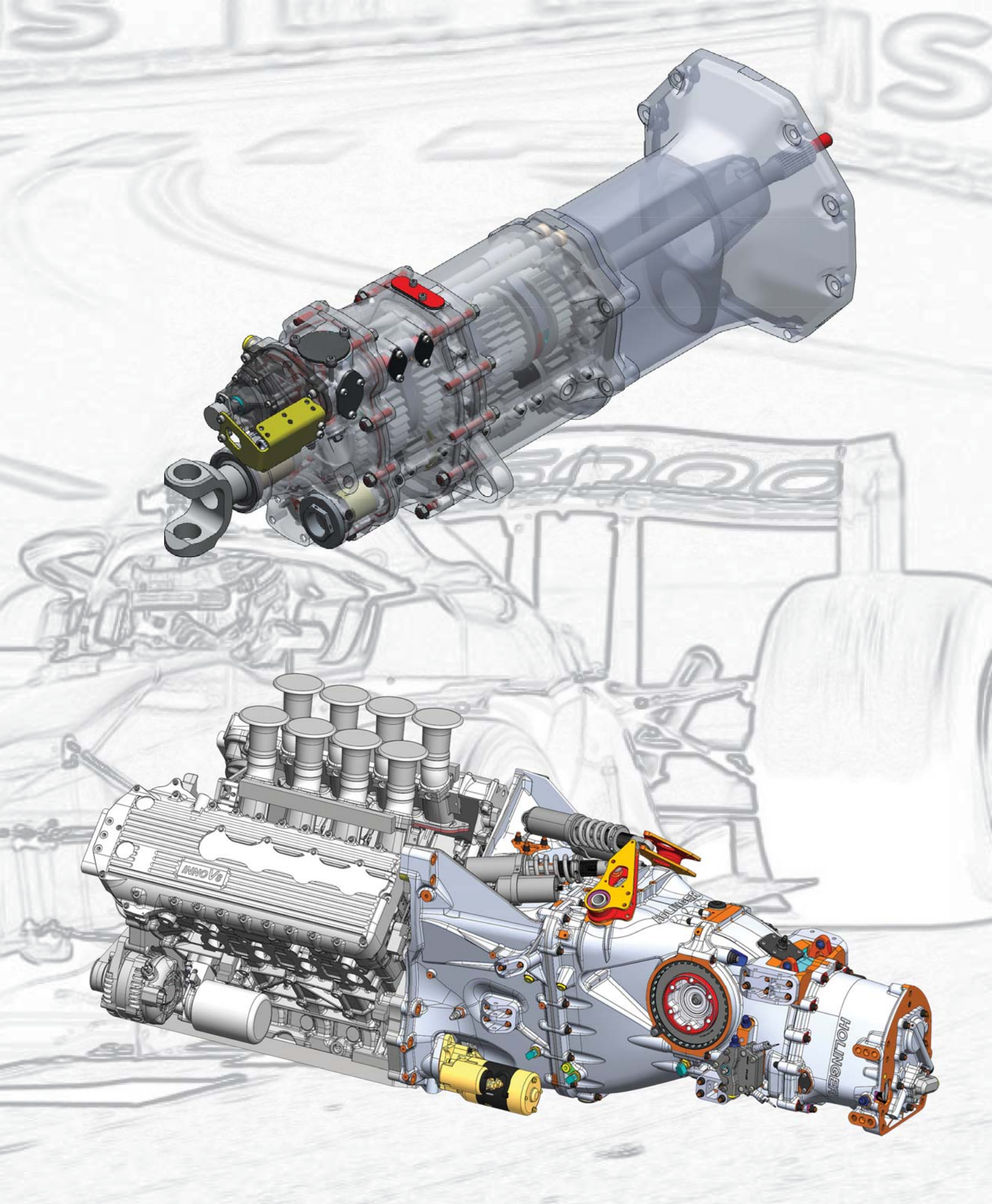
To aid in achieving our consistent high-level of quality, Holinger has an extensive array of measuring equipment.

Our temperature controlled metrology lab, includes a 5-axis CMM (Coordinate Measuring Machine), Material Hardness Testers, Gear Profile Measuring Machines and Crack Testing facilities.

### Materials

A sample from all our raw materials is taken upon delivery, then thoroughly tested and checked in our lab to ensure its suitability for motor racing. All our material samples are then labelled and catalogued for future reference, ensuring that we know exactly what our parts were made from. This microscopic understanding gives us the piece-of-mind that we can consistently produce parts of the highest quality.





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