



Engineering  
without  
compromise.

 **Beattys**

**SERVICES**  
DRIVELINE



## OUR STORY

**100% Family owned.  
Family proud.**

### FROM HUMBLE BEGINNINGS TO A GLOBAL FOOTPRINT

Family owned businesses have something special. A core value that larger corporations cannot duplicate. When you have three generations of a family involved in a business, there's a genuine desire to look out for those people who work in, for and with the business. And there's a will for the business and our customers to collectively succeed. Since 1963 three generations of our family have given their best to ensure that Beattys Group's reputation as a quality manufacturer, supplier and employer is entrenched with those we value most - our people, our customers and our suppliers.

## OUR GLOBAL FOOTPRINT



### 100% FAMILY OWNED

Despite growth and expansion Beattys Group still retains that genuine character.



### VIP CUSTOMER SUPPORT

To us here at Beattys every customer is a VIP.



### 24 HOUR HOTLINE

Any query is just a phone call away.



### MANUFACTURED IN NZ

Quality componentry, attention to detail and extremely high manufacturing standards - this is our badge of pride.



### QUALITY COMPONENTRY

This goes hand-in-hand with our New Zealand-based manufacturing. We use quality componentry, sourced from the best available suppliers.



## GET IN TOUCH

**0800 800 852**  
**enquiries@beattys.com**  
**beattys.co.nz**

### 4 HARBOUR RIDGE DRIVE, WIRI, AUCKLAND.

Our state-of-the-art facility conveniently located in Auckland's industrial heartland features the latest in development, manufacturing, engineering and assembly software and hardware. It's also the workplace for some fine people - motivated, hard working and ready with a welcoming smile.



## OUR BRAND

**Handbuilt for  
the hard yards.**



“WE HAVE A 10-YEAR  
RELATIONSHIP WITH  
BEATTYS WHICH CONTINUES  
TO THRIVE DUE TO THEIR  
COMMITMENT, SUPPORT  
AND ADVANCES IN THEIR  
PRODUCT.”

#### SCOTT BRADY

McCARTHY TRANSPORT CONTRACTORS LTD



BY BEATTYS

Turret drivelines and componentry are designed and handbuilt to extremely high standards here in our state-of-the-art Beattys Driveline Auckland facility, and backed by our dedicated and accessible team. Turret drivelines are made to order with pride by Beattys - from a single specialised vehicle to a nationwide fleet - to drive your business further.

- World-leading componentry
- Handcrafted in New Zealand by Beattys
- Backed by Beattys customer support
- Inhouse technical and design team



## Design

### OVERVIEW

The intelligent design of a driveline is very critical to ensure ongoing reliability. It is important that the power source, speed and universal joint angle are ascertained prior to specifying a shaft to suit any situation. Whether your requirement is for a precision coupling with less than 7 Nm of torque, or a large industrial shaft with an excess of 650,000 Nm, we offer a full consultation and design service so your custom requirements can be met with products that deliver optimal performance.

### SERVICES

- Specifying driveshafts
- Angle and speed calculations
- Driveline layout design and configuration
- Problem solving – vibration, torsional and reliability issues

## Technical Support

### OVERVIEW

With our technicians and sales personnel having over 120 years of combined experience in the driveline industry, we are more than capable of providing technical support when needed. This can include onsite visits to investigate and troubleshoot client issues which are then resolved inhouse to provide a lasting solution.

### SERVICES

- Upgrading underperforming driveshafts
- Professional data analysis
- Accurate specification
- Marine TVA calculations
- Engineering certificates

## Manufacturing

### OVERVIEW

We have the internal resources, skills and expertise to produce all types of drivelines from small automotive through to large industrial driveshafts. Throughout our driveshaft manufacturing process, you can be guaranteed of the highest level of engineering excellence and commitment to quality. All driveshafts we manufacture are then dynamically balanced to ISO 1940 standards to ensure the durability and performance.

### SERVICES

- Sealed for life driveshafts
- Short coupled driveshafts
- Two piece driveshafts
- Multi-piece driveshafts
- Centre bearing shafts
- Custom design components
- Custom driveshafts
- Larger OEM production runs
- Multi-piece drivelines
- Industry-specific drivelines



## Reconditioning

### OVERVIEW

If a driveshaft has failed, we have the skills and componentry to repair it and get you operational again. We understand that time is always a factor when something unexpected happens, so we always go the extra mile to ensure you are up and running in record time. All repair jobs are tracked through our system, giving our team complete visibility of past and current jobs. This helps us ensure that repairs are engineered to a standard that prevents further issues and failures.

### SERVICES

- Urgent overnight and same day repairs
- Spline replacement
- Re-tubing
- Universal joint replacement
- Yoke replacement
- Centre bearing replacement
- Straightening and re-alignment

## Modifications

### OVERVIEW

Due to the wide range of special purpose vehicles and equipment needed to meet the demands of many industries, we offer a modification service for all types of drivelines including shortening, lengthening of driveshafts and changing drive ends. This service is often used in applications such as chassis length adjustments and transmission or engine upgrades.

### SERVICES

- Driveshaft shortening
- Driveshaft lengthening
- Changing flange and yoke connections
- Upgrading for higher power ratings and heavy duty applications
- Enhanced greasing systems

## Dynamic Balancing

### OVERVIEW

Driveline dynamic balancing is a crucial part of the process to create a lasting solution. We use four driveshaft balancers and four industrial balancing machines to cover the needs of a diverse range of applications. With drivelines spinning at higher rpm's than ever before, it is important that they are balanced to the finest of tolerances. Our equipment provides the best balance precision by carrying out a simultaneous 4-plane balance at speeds of up to 5000 rpm. All balancing weights are spot-welded to ensure an accurate, lasting balance.

### SERVICES

- Spot-welded weights to minimise fracturing of driveshaft tube
- Driveline dynamic balance correction
- Driveshaft straightening
- Balancing reports





## DRIVELINE SOLUTIONS TO DRIVE YOUR BUSINESS FURTHER

When it comes to drivelines, at Beattys we get satisfaction from resolving any challenge that comes through our world-class workshop. This not only comes from our can do attitude, but is backed by technical expertise, leading-edge manufacturing robotics and advanced design facilities. No matter the project - from a single specialist vehicle to a national fleet - there isn't a driveline problem we can't solve.

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**100%** FAMILY OWNED  
FAMILY PROUD