



# WHO WE ARE.



Our aim to become New Zealand's leader in driveline technology began over fifty-five years ago, when we established the business based on a simple, practical, yet elegant philosophy: Analyse the client's needs, define the problem, then deliver the best possible solution by looking beyond the obvious. This thinking has taken us from a humble engineering background to being New Zealand's number one driveline supplier as well as increasing our growth through a range of filters and onboard energy products. Our alliances with strategically selected international suppliers allow us to offer an inventory of more than 5,000 components across all industries. You can be sure you are getting the best because every product we put our name on lives up to our motto; Optimal performance, whatever the challenge.



## OUR MISSION.

Our mission is you. We aim to deliver the best possible in design, manufacture and componentry for whatever your need or circumstance.



## OUR VISION.

Our vision is to continually develop market leading solutions that meet your current and future needs to ensure long-term productivity.

**REGARDLESS OF THE  
LANGUAGE, OUR MESSAGE  
IS CLEAR: IF ITS SUPPLIED  
BY BEATTYS, IT'S THE BEST.**



# OUR DIFFERENCE.



## SERVICE.

Our legendary customer service is the foundation of our business. We respond to every question and enquiry with utmost honesty and integrity as quickly as we can in order to provide you with reliable, high performing solutions.



## SUPPORT.

We're here for you 24/7 through our support channels. With expert advice, technical support and years of knowledge about the automotive, transport, industrial and marine industries, our aim is to provide you with high performing solutions that last.



## QUALITY GUARANTEE.

You can be guaranteed that every product we put our name on is the best you can buy. From universal joints to filters, every product we supply undergoes rigorous testing to ensure it meets or exceeds OEM specification.



## PRODUCT RANGE.

We are proud to offer one of New Zealand's most extensive product ranges. What's more, we aren't limited by what we have on our shelves as we have a modern production centre where we can custom make components to your exact requirements.



# OUR PRODUCTS.



Our ever growing family of products, Turret Driveline, Turret Filters, Turret Balancing and Turret Onboard Energy all uphold the same high standard and level of commitment to our customers that we built our reputation on over the past fifty-five years. You can be sure that every product you see the Turret brand on, is simply the best. Being market leaders in the automotive, off-road, heavy transport, earth moving, industrial and marine industries makes us the perfect partner to guarantee you are at peak performance all the time.



## **TURRET DRIVELINE.**

Turret Driveline is our legacy. With over fifty-five years of experience, we are New Zealand's most trusted supplier for all driveline needs. Our modern production centre and extensive componentry range makes us the market leaders in the industry. From small automotive to large industrial driveshafts, we can repair, design, manufacture and supply it all.



## **TURRET FILTERS.**

Turret Filters is our newest division at Beattys. By using our years of industry experience and exceptional customer service we have been able to really up the game in the filter market. We continually go the extra mile to ensure our customers get high performing filter supplies on time so downtime and overhead costs can be kept at a minimum.



## **TURRET BALANCING.**

Our balancing expertise and services extend beyond drivelines to address the needs of many industrial rotating components such as impellers, fans, rotors and armatures. If a vibration develops in these components the performance and reliability is compromised and if left unrectified, increased wear and mechanical stress can lead to maintenance issues.



## **TURRET ONBOARD ENERGY.**

Our unique range of hydraulic power equipment and accessories, means that any mobile machine with hydraulics can be revolutionized to increase its work rate, extend its capability and add versatility while saving you time, money and resources. Products include generators, water blasters, air compressors and more.



# GET IN TOUCH.

Have questions? Need advice? We're here for you 24/7 with technical support and years of industry knowledge.

Call Us

**0800 800 852**

Find Us Online

**beattys.co.nz**





**TURNING  
POWER INTO  
PROGRESS.**



# DESIGN.

## OVERVIEW:

The intelligent design of a driveline is very critical to ensure on-going 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 to transmit in excess of 2600 KNm, 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.



# MANUFACTURING.

## OVERVIEW:

We have the 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 the highest level of engineering excellence and commitment to quality. All driveshafts we manufacture are then balanced to ISO standards to ensure the durability and performance of the driveline.

## SERVICES:

- Sealed for life driveshafts.
- Short coupled driveshafts.
- Two piece driveshafts.
- Multi piece driveshafts.
- Centre bearing shafts.
- Custom design components.





# 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 lengthening 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.



# REPAIRING.

## 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 to 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.
- Replacing yokes.
- Straightening.
- Centre bearing replacement.



# BALANCING.

## OVERVIEW:

The dynamic balancing of all drivelines is a very crucial part in the process of creating a lasting solution. At Beattys 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.



# TECHNICAL SUPPORT.

## OVERVIEW:

With a number of our technicians and sales personnel having many years of experience in the driveline industry, we are more than capable of providing technical support wherever needed. This can include onsite visits to investigate client's issues involving trouble shooting and information gathering which we will bring back in house to further work on and provide a lasting solution.

## SERVICES:

- Upgrading of underperforming driveshaft's.
- Professional analysis of data.
- Accurate specifying.



**“BEATTYS FOR US IN ONE  
WORD IS RELIABILITY. WE  
CAN TRUST THE PRODUCT  
100 PERCENT. AS A 24/7  
OPERATION, WE CAN'T  
AFFORD ANYTHING LESS”**

**- STEVE DANIELS, WORKSHOP MANAGER.**



# HEAVY DUTY DRIVESHAFTS.

## OVERVIEW:

At Beattys we stock a large range of finished and semi-finished driveshafts to suit many heavy transport and industrial applications. All driveshafts we manufacture and stock is engineered to the highest standards by our skilled team and are guaranteed to deliver on your needs. We only use top quality componentry with market leading technologies in order to create low maintenance, high performing solutions.

## BENEFITS:

- Same day delivery.
- Low noise Spline systems.
- All makes and models.
- Heavy duty components.
- Extensive application data.



# LIGHT DUTY DRIVESHAFTS.

## OVERVIEW:

From small cars to SUV's, Turret Driveline stocks a complete range of finished light duty driveshafts. All our driveshafts use top quality componentry and are balanced to ISO standards to ensure you get optimal performance, whatever the challenge. With the reputation of being the market leaders in all things driveline we continue to deliver on our promise of exceptional customer service by providing same day delivery in urgent situations to get you moving again.

## BENEFITS:

- Same day delivery.
- Balanced to ISO standards.
- Proven quality to OEM specification.



# SHORT COUPLED SHAFTS.

## OVERVIEW:

Our range of short coupled shafts are perfect for tight spaces whether it be on a marine application or an interaxle driveshaft. With many different lengths and sizes available, the applications are limitless. We have both finished and semi-finished shafts ready to go at all times to ensure you can get going again as soon as possible. All our driveshafts use top quality componentry and are balanced to ISO standards to ensure you get optimal performance, whatever the challenge.

## BENEFITS:

- Short length applications.
- Fine tolerance solutions.
- Difficult situations that require telescopic movement.



# STEERING SHAFTS.

## OVERVIEW:

Instead of being faced with the outlay of full OEM replacement cost for steering shafts we have the expertise to repair, replace and upgrade your current solution. All componentry, processes and workmanship are of the highest industry standards and is trusted by many large commercial transport operators nationwide to deliver reliable performance day after day.

## BENEFITS:

- Staked replacement joints to OEM specifications.
- Complete replacement shafts.
- Extra-long spline travel.



# UNIVERSAL JOINTS.

## OVERVIEW:

The universal joint is one of the most critical parts in any driveshaft, that's why at Beattys we only use the best. Turret Driveline's universal joints are of the highest industry standards and are trusted by many large organisations nationwide to deliver reliable performance day after day. We are proud to offer the largest stocked range of universal joints in New Zealand covering all applications with over 500 different styles and sizes.

## BENEFITS:

- Standard and premium styles.
- Internal seals and thrust washers.
- Sealed and lube types.
- Offset Joints for axle applications.



# FLANGE YOKES.

## OVERVIEW:

The multitude of mounting options is forever increasing in the driveshaft industry. That's why Turret Driveline carries a huge range of different profiles and sizes with many bolt patterns and locating options. Our production centre can also modify a range of blanks or design and manufacture a flange from scratch to meet any custom requirements.

## BENEFITS:

- SAE and DIN spec.
- KV European.
- Single and double joint styles.
- Blank type for custom made options.



# TUBE YOKES.

## OVERVIEW:

Tube yokes come in a large range of styles and profiles. All of Turret Driveline's tube yokes have been sought from the industry leading suppliers from around the world. We know how important it is to keep you moving so we only use the best componentry that has been tested and proved throughout New Zealand over our many years of industry experience.

## BENEFITS:

- Solid and hollow type.
- To suit various tube diameters in each series.
- Standard and high angle.



# TRANSMISSION YOKES.

## OVERVIEW:

Turret Drivelines transmission yokes are forged, not cast, for greater strength and undergo a precision machining process to guarantee exceptional balance and minimal runout. All our componentry is sourced from market leading suppliers that have the skilled engineers and craftsmen ensuring every yoke is made to exacting standards. We hold a large range of transmission yokes in stock to suit various applications.

## BENEFITS:

- Standard and long snouts available.
- Various types for American and Japanese vehicles.
- Billet steel types for high performance.
- Internal/External circlip types.



# SLIP SETS.

## OVERVIEW:

One of the key components for any driveline is the sliding splines. Any wear on these will result in vibrations and premature wear of other moving components. Turret Driveline holds a complete range of slip sets that suit all applications from automotive to industrial. All splines are thoroughly inspected by one of our engineers before leaving our parts department to ensure we continue to provide a high standard of componentry.

## BENEFITS:

- Involute splines – European design.
- SAE spline for standard series.
- Various spline lengths in each series.
- Low noise especially for Marine applications.



# SLIP YOKES.

## OVERVIEW:

Our large range of Turret Driveline slip yokes are manufactured to go above and beyond what is expected. We use market leading suppliers that have skilled engineers and craftsmen ensuring every yoke is made to exacting standards. We can offer multiple options for all applications, with premium options like involute European style splines for longer lasting and higher performing driveshafts.

## BENEFITS:

- Most SAE series available.
- Dust shields with standard and splined seals.
- Various lengths available.





# SLIP STUBS.

## OVERVIEW:

For every slip yoke we supply, we have a slip stub to suit. As with all our other componentry, Turret Driveline's slip stubs are designed and engineered to outperform and outlast alternative options. We only use the best spline forms that are designed to ensure correct fitment and run out when mated with our slip yokes. With diameters from 25 to 115mm, our range offers a solution to all applications.

## BENEFITS:

- Steel and teflon finish.
- Multiple diameters to suit tubing.
- Long and short slip types.



# YOKE SHAFTS.

## OVERVIEW:

Yoke shafts are mainly used in confined spaces such as interaxle shafts between the two diffs and auxiliary drives. To accommodate all manner of industry applications Turret yoke shafts can be supplied in various lengths, series and styles. We can also custom make certain options to your exact requirements.

## BENEFITS:

- Solution for confined spaces.
- Larger spline diameter for extra short units.
- Steel and Teflon types.



# MIDSHIP STUBS.

## OVERVIEW:

Midship Stubs that don't run 100% true can cause premature wear and driveline vibrations. That's why we use our wealth of more than 55 years of industry knowledge to ensure every midship stub is machined to the exact specifications. Turret Driveline stocks a complete range of midship stubs that suit multiple companion flanges and bearing diameters.

## BENEFITS:

- From 30 – 70mm bearing diameter.
- Standard and reverse type.
- Teflon option on sling spline type.



# END YOKES.

## OVERVIEW:

Our end yokes come in a variety of styles and sizes to suit the automotive, heavy transport, earthmoving, industrial and marine industries. Whether you want it with a splined bore or a custom cut keyway we will have one to meet your requirements. What we don't have on our shelves we can custom make in our modern production centre.

## BENEFITS:

- Full and half round units.
- To suit centre bearings, differential and transmissions.
- Clamp type for PTO use.



# COMPANION FLANGES.

## OVERVIEW:

Turret Driveline stocks a versatile range of companion flanges that are developed from premium quality materials in various sizes and styles. Long lasting in nature and superior in finish, our companion flanges are well suited for a wide range of applications in the automotive, heavy transport, earth moving, industrial and marine industries. We can also customise blank flanges or design and manufacture complete custom solutions as per your requirements.

## BENEFITS:

- DIN, SAE and KV series.
- Plain bore / keyway.
- Square and involute internal splines.
- Semi-finished types.



# CENTRE BEARINGS.

## OVERVIEW:

Turret Driveline's centre bearings always provide optimal alignment, which translates into improved performance and durability of the driveline. Our advanced technology reduces noise and vibration, while maintaining the proper driveline angle to maximize driveshaft and component life. We offer a large range of solutions for all applications including maintenance free options and high-performance marine styles.

## BENEFITS:

- Separate rubbers on some types.
- Solid and slotted rubbers.
- Self-aligning bearings.
- Heavy duty types.



# DOUBLE CARDAN JOINTS.

## OVERVIEW:

Where driveshafts are operating at high angles there is often a demand for double cardan joints. A pin or ball system in the middle gives the assembly support and allows the driveshaft to operate without premature wear of the universal joints. Mostly these units are used in off-road situations. While we repair and supply double cardan units we also offer design expertise for all high angle driveline configurations.

## BENEFITS:

- Complete assemblies.
- Individual components.
- Heavy duty types.
- To suit automotive and off highway applications.
- Used in unequal angle situations.



# COMPLETE ENDS.

## OVERVIEW:

Our complete ends are available in a range of sizes and styles. Whether it be a tube yoke or a sliding spline option we will have it. All Turret Driveline componentry is sourced from top international suppliers guaranteeing high performance in all applications. Coupled with our legendary customer support and parts backup, solutions like these will live up to whatever tough environment they need to.

## BENEFITS:

- SAE & DIN specs.
- KV European specs.
- Standard & high angle options.



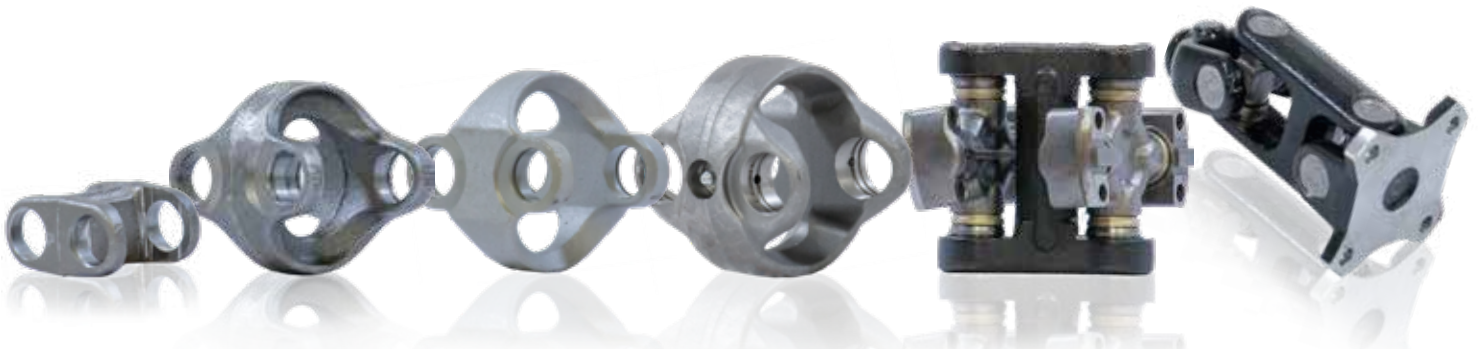
# CENTRE YOKES & SHAFTS.

## OVERVIEW:

Centre yokes, also known as H yokes are often used in high angle applications where there is only two pivot points in the driveshaft. Turret Driveline has a complete range of yokes and complete shafts to suit all applications. We also have a range of specialised shafts and parts designed especially for forklifts. With over 55 years of industry experience, we know how to create lasting and high performing solutions no matter what the challenge is.

## BENEFITS:

- High angle applications
- Connection to pump shafts.
- Short coupled misalignment.



# PRECISION COUPLINGS.

## OVERVIEW:

Selecting the right shaft coupling can be the difference between a drive system that provides the required dynamic response and one that is catastrophic. Turret Drivelines precision couplings come in a range of sizes and styles. Joint types include hardened bushes, plain pin, and needle bearings. We also offer stainless steel options for high corrosion environments.

## BENEFITS:

- Single and double joints.
- Hardened Pin, needle bearing and stainless steel.
- Can be supplied solid or pre-machined.
- Boots kits.



# CV JOINTS.

## OVERVIEW:

Our full suite of constant velocity (CV) joints caters for the automotive, light commercial, industrial and marine industries. All Turret Driveline CV joints are sourced from industry leading suppliers and are guaranteed to outperform and out last. With over 55 years of experience in this industry we can always help our clients find the right part to get them going again.

## BENEFITS:

- High performance types.
- Used for difficult angle applications.
- To suit rear wheel driveshafts.
- Rubber boots available.
- Complete shafts available.



# RUBBER COUPLINGS.

## OVERVIEW:

Turret Driveline has a complete range of rubber couplings to suit automotive, transport, industrial and marine applications. With over 55 years of experience in the driveline industry, we know what to look for when it comes to finding premium couplings that last. All rubber couplings we supply are backed by our exceptional service and promise to deliver componentry that provides optimal performance, whatever the challenge.

## BENEFITS:

- Quick and easy installation
- Dampens drivetrain disturbances.
- Prevents angular misalignment
- Ideal for cars, suv's and small trucks.



# DRIVESHAFT TUBE.

## OVERVIEW:

At Beattys we stock a complete range of driveshaft tube ranging from 25mm to over 140mm with different wall thickness options throughout the complete range. All our tubing is sourced from industry leading suppliers and meets all ISO and other industry standards.

## BENEFITS:

- DOM specification.
- Supplied in 6m lengths or cut to length.
- Heavy duty Industrial tube available.
- Alloy tube supplied to order.



# SMALL PARTS.

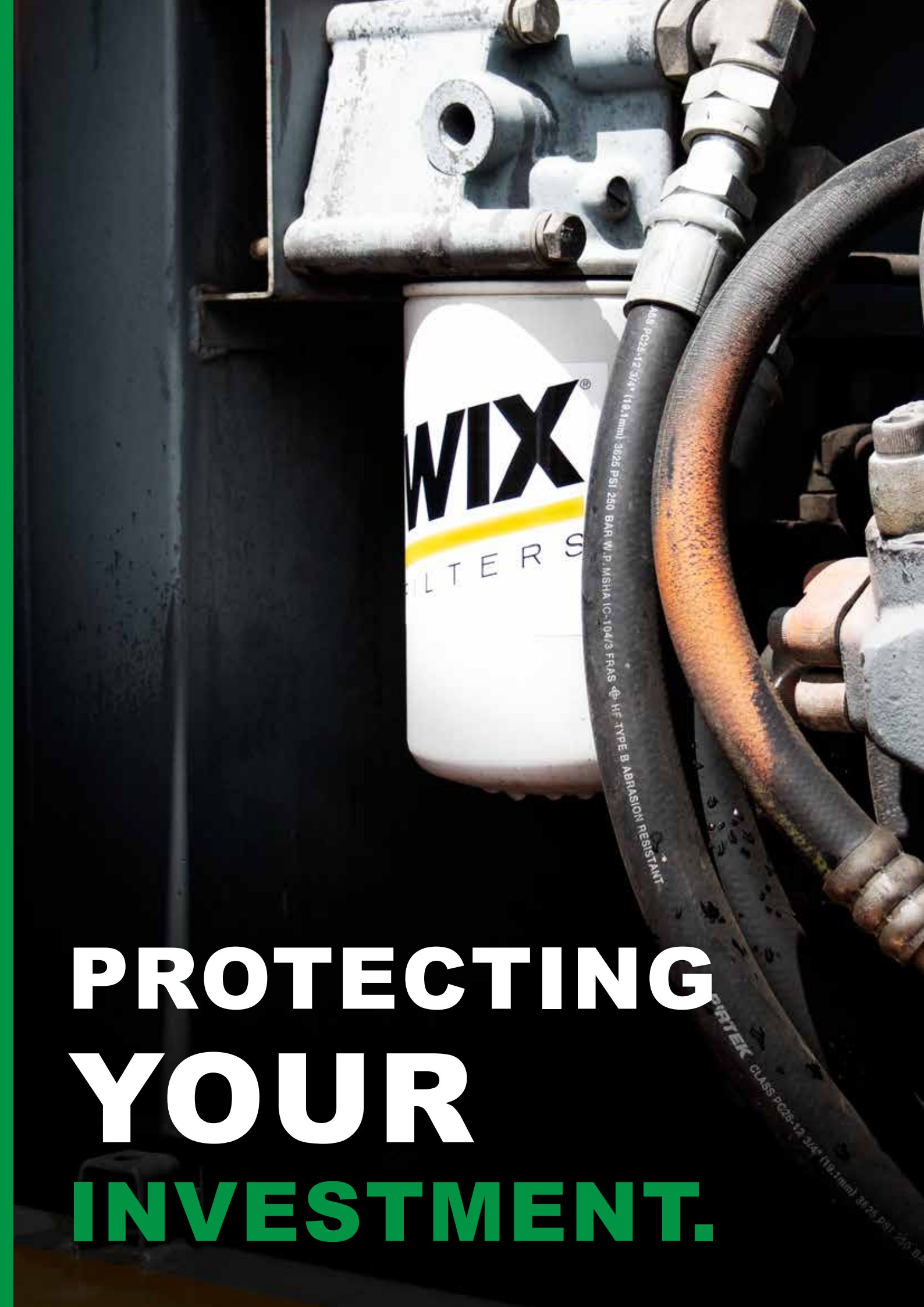
## OVERVIEW:

We hold a complete range of small parts to complement all our driveshaft services and componentry. These include universal joint clamps and plates, bolt kits, spline seals, midship nuts, double cardan parts, U-bolts, mounting kits, dust caps, split pins, washers, circlips, balance weights, lock tabs and more.

## BENEFITS:

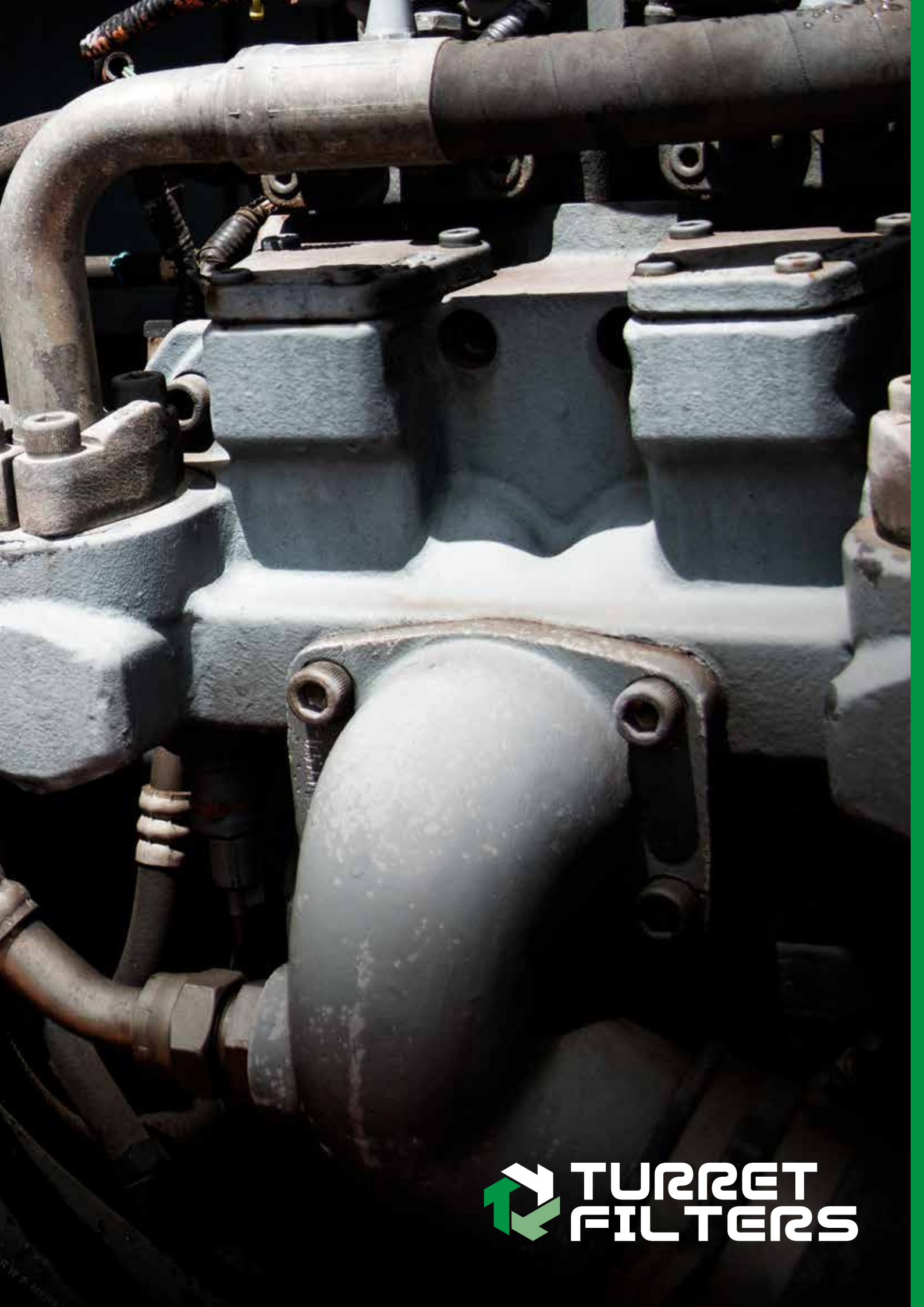
- We can source unusual items.
- High quality components.
- To suit all makes and models.





**PROTECTING  
YOUR  
INVESTMENT.**





 **TURRET  
FILTERS**

# OIL FILTERS.

## OVERVIEW:

Oil is the lifeblood of any engine, which means the filter should never be taken for granted, especially in harsh, heavy-duty environments. Our oil filters help keep you up and running with reduced downtime. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

- Modern filter media ensures effective and efficient filtering.
- Absolute air tightness.
- Properly profiled springs.
- Ultimate durability.
- Guaranteed to outperform standard specification.



# FUEL FILTERS.

## OVERVIEW:

Fuel burns. Water does not. A fuel filter's job is more demanding than ever. Our fuel filters meet the tough requirements to offer unmatched fuel-cleaning performance and quick and easy filter replacement. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

- Premium quality filter medium.
- Durable seals.
- Modern filter cover design.
- Guaranteed to outperform standard specification.



# HYDRAULIC FILTERS.

## OVERVIEW:

WIX has applied its superior filter design and manufacturing expertise to producing high quality cartridge and spin-on filters that keep hydraulic systems protected and working at peak efficiency. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

- Modern filter medium ensures effective and efficient filtering.
- Absolute air tightness.
- Properly profiled springs.
- Ultimate durability.
- Guaranteed to outperform standard specification.



# COOLANT FILTERS.

## OVERVIEW:

More than half of engine damage in difficult conditions is directly related to ineffective cooling systems. WIX filters enable proper heat transfer in the coolant system. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

- Premium quality filter medium.
- Durable seals.
- Guaranteed to outperform standard specification.
- Proven field testing and years of research result in high performing filters.



# AIR FILTERS.

## OVERVIEW:

We understand it only takes a small amount of dirt to destroy an engine. That is why WIX air filters are crucial to keeping them alive and running efficiently. Their consistent development and lab testing continue to make them the benchmark for ultimate performance. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

- Pleats with ribs
- Pleat stabilising fingers
- High quality filter materials
- Silicone seals
- Guaranteed to outperform standard specification.



# CABIN AIR FILTERS.

## OVERVIEW:

For the most demanding conditions, a cabin air filtration system is essential. It must always be in good condition, both for the sake of the driver and for the performance of the engine. And it is thanks to the ground breaking technology that is used in our filters. Beattys has an ever-growing range of stocked filters to cater for all our client's needs. Our name continues to be built on our exceptional service and ultimate customer experience.

## BENEFITS:

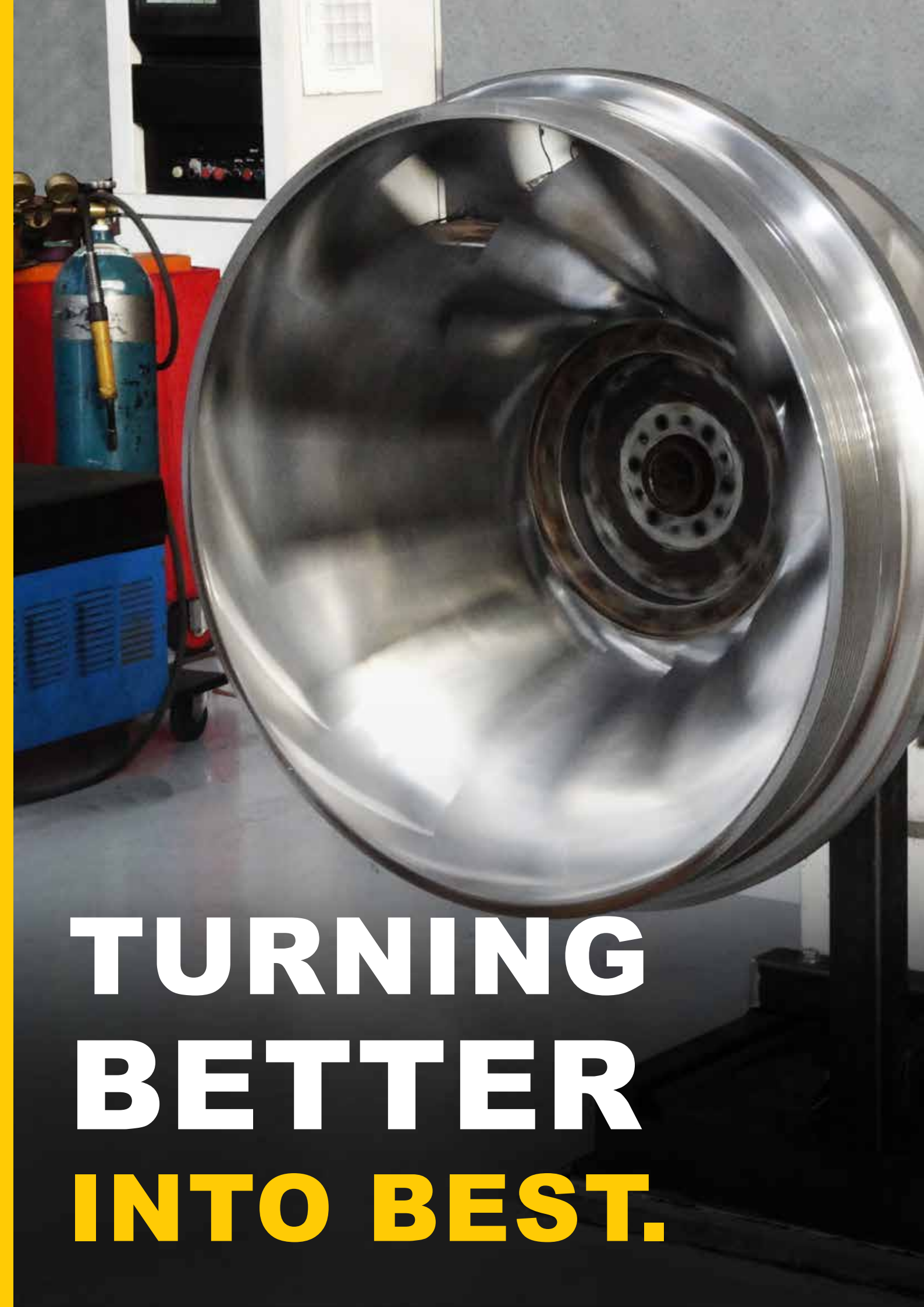
- Ground breaking Microban system
- Properly selected seals
- Easy to install
- Fibres resistant to water absorption
- Guaranteed to outperform standard specification.



**“THE ONE THING TO ME THAT  
SETS THEM APART IS THEIR  
SERVICE, THEY ALWAYS GET  
BACK TO YOUR INQUIRY  
PROMPTLY, AND ALWAYS  
KEEP YOU IN THE LOOP”**

**- WARWICK GUY, SERVICE MANAGER.**





**TURNING  
BETTER  
INTO BEST.**



 **TURRET  
BALANCING**

# FANS & BLOWERS.

## OVERVIEW:

Turret Balancing has a long association with the ventilation, air conditioning and marine industries having balanced hundreds of fans and propellers. The need for displacement of air and propulsion in the water opens up a large market for rotating items with either fins or fan blades that will benefit from improved efficiency and reduced maintenance costs when dynamically balanced. Our team is used to working with specialist materials such as stainless steel, fibreglass and plastic.

## APPLICATIONS:

- HVAC industry.
- Air handling units.
- Axial fans.
- Centrifugal fans.
- Impellers.
- Turbochargers.



# ROTORS.

## OVERVIEW:

Turret Balancing has the expertise and experience to remove vibration issues from rotors across a broad range of applications. From heavy electrical armatures through to high speed agricultural flail drums our specialised equipment is capable of balancing all shapes and sizes including rotating components up to 4.5 metres diameter and ten tonne in weight.

## APPLICATIONS:

- Pump impellers.
- Armatures.
- Centrifuges.
- Flail drums.
- Compressor rotors.
- Turbines.
- Cutter heads.





# OTHER EQUIPMENT.

## OVERVIEW:

The list is endless, anything that rotates can be balanced by our team here. We have balanced components to suit a large range of applications and industries. Whether it be a small part to a large part, if it is out of balance it will affect its performance and cause premature wear on other moving parts. We have a large range of mandrels to suit many applications. We can also design and manufacture them for other applications.

## APPLICATIONS:

- Rollers.
- Pulleys / bandsaw wheels.
- Scrolls / augers.
- Crankshafts.
- Propellers.
- Gears.
- Blades / chipper discs.



# ON SITE BALANCING.

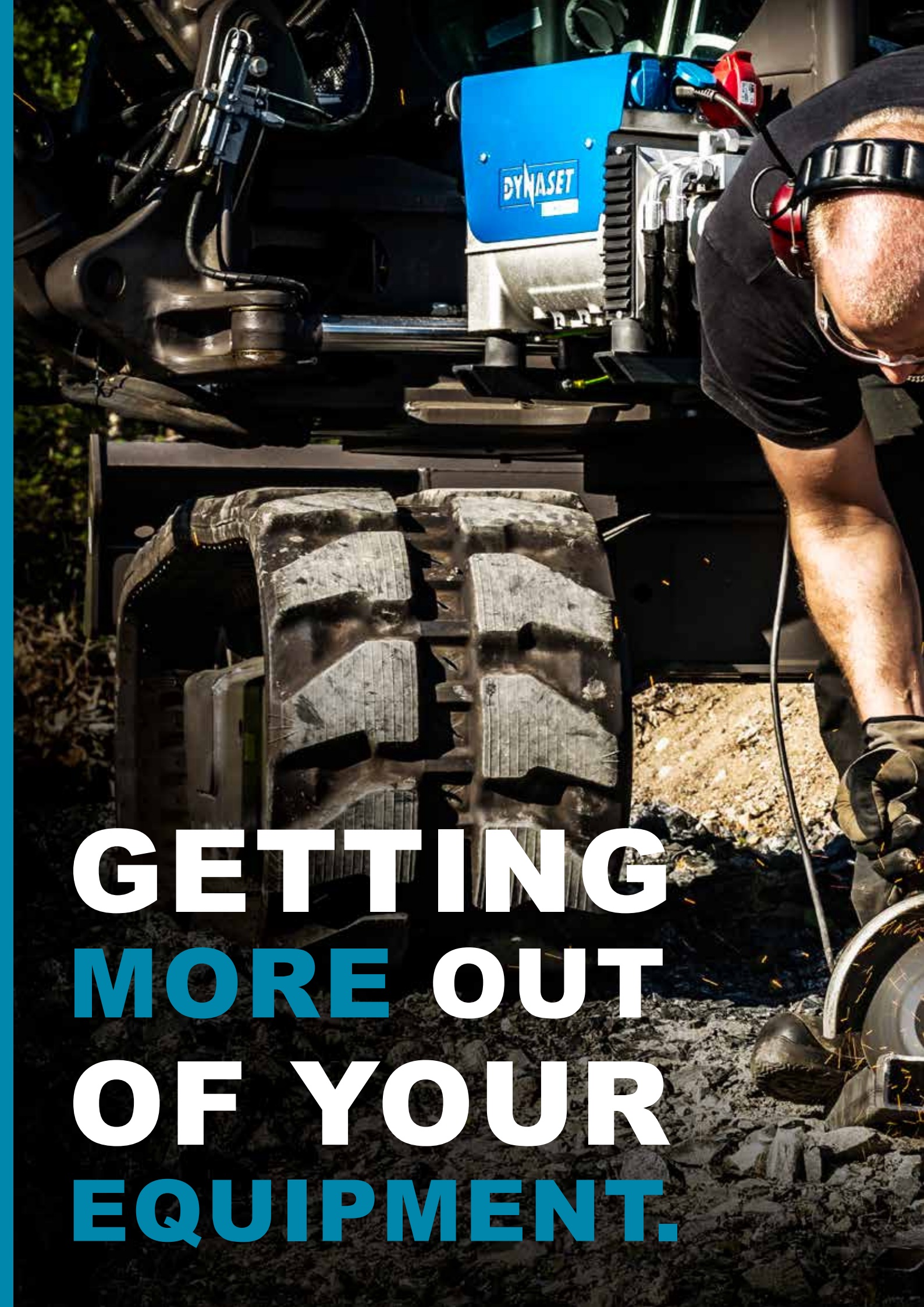
## OVERVIEW:

Equipped with an innovative mobile balancing device, technicians are able to visit your site nationwide to diagnose and remedy vibration problems 'on the spot', eliminating the need for costly dismantling and freighting of machinery. Difficult access or remote locations no longer present an obstacle to having your componentry dynamically balanced.

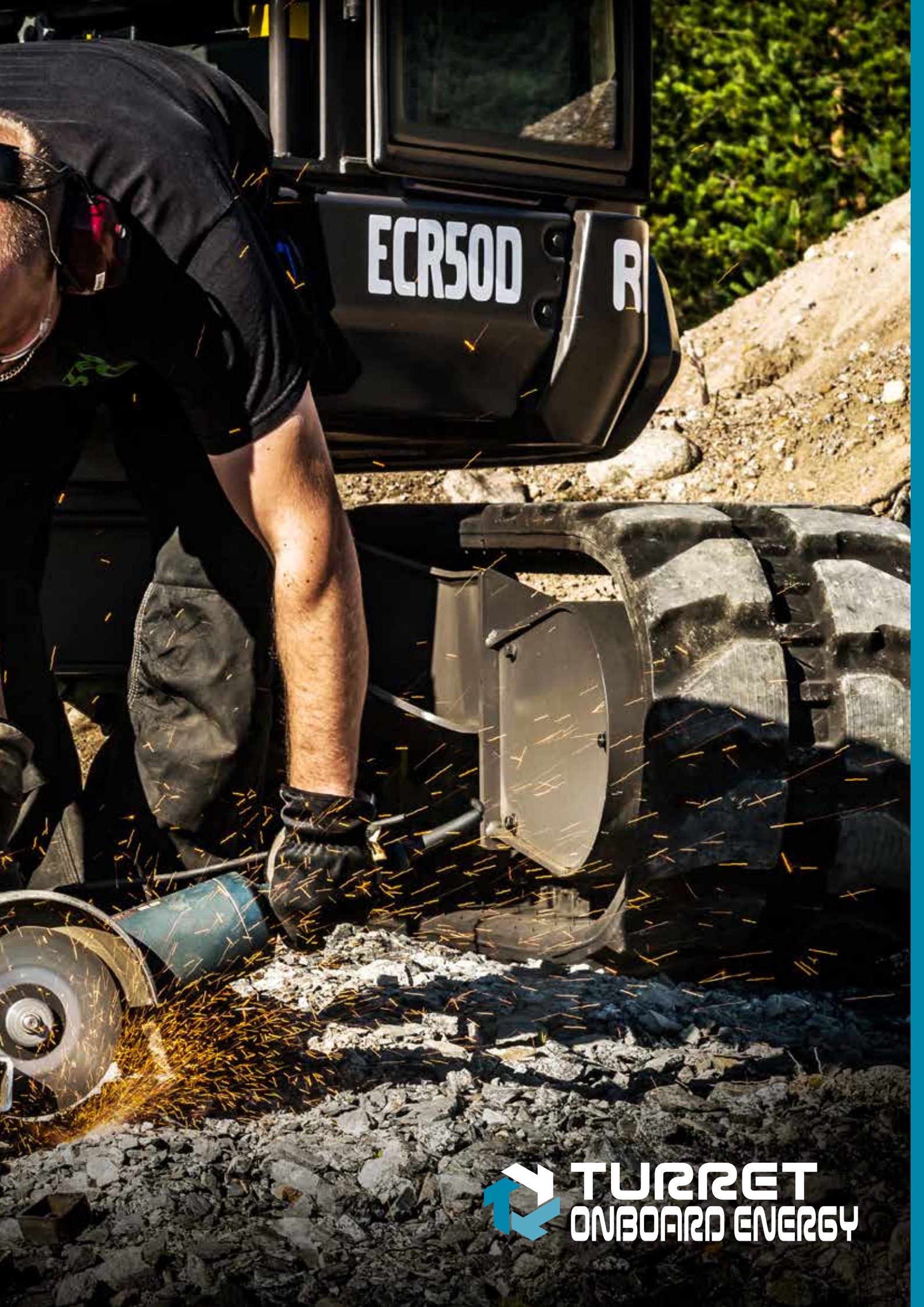
## APPLICATIONS:

- Air conditioning units.
- Cooling tower fans.
- Field equipment / machinery.
- Air handling units.
- Bandsaw wheels





**GETTING  
MORE OUT  
OF YOUR  
EQUIPMENT.**



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**TURRET**  
**ONBOARD ENERGY**

# GENERATORS.

## OVERVIEW:

Turret hydraulic generators produce high quality electricity using the power from the base machine's hydraulic system. The hydraulic motor is integrated into the generator and when it starts the generator produces electricity immediately. These generators are designed to handle fluctuating hydraulic oil flows to ensure continuous current and voltage.

## BENEFITS:

- Automatic frequency control
- Automatic voltage control
- Compact size and Light Weight.
- Ultra quiet operation.
- Maintenance free.
- Models rang from 3.5 - 70 kVa



# WELDERS.

## OVERVIEW:

Turret hydraulic welders produce high quality welding current using the power from the base machine's hydraulic system. The hydraulic motor is integrated into the generator and when it starts the generator produces electricity immediately. These welders are designed to handle fluctuating hydraulic oil flows to ensure continuous current and voltage.

## BENEFITS:

- Automatic current control.
- Automatic voltage control.
- Compact size and Light Weight.
- Ultra-quiet operation.
- Maintenance free.
- Models rang from 40 - 400 Amps.



# AIR COMPRESSORS.

## OVERVIEW:

Our range of hydraulic powered air compressors convert oil flow into compressed air while taking up less than half the space of a conventional compressor. Whether it be a piston, screw or rotary vane compressor, we have models to suit all applications. Outputting from 400 l/min up to 11,500 l/min with up to 175 psi of pressure these compact systems are the perfect tool for anyone needing onsite compressed air.

## BENEFITS:

- Excellent power to size ratio.
- Air or oil cooled models.
- Easy installation and use.
- Reliable and low maintenance.
- Models range from 400 l/min to 11,500 l/m.
- Up to 175 psi of pressure.



# WATER BLASTERS.

## OVERVIEW:

These high-pressure water pumps boast the worlds highest power to size ratio on any water blaster. From washing your machinery to site cleaning on remote locations, the applications for this system is endless. With over 30 years of experience, Dynaset knows how to turn hydraulic power into useful sources of energy whether it be air, water or electricity.

## BENEFITS:

- Ultra-compact design.
- High efficiency.
- Robust and simple design.
- Models up to 23,000 psi.
- Models up to 300 l/min.
- High pressure models can be used for cutting concrete.



# SUBMERSIBLE PUMPS.

## OVERVIEW:

Suck 'em dry' fast and safely with these powerful, high volume submersible pumps. These portable pumps are perfect for anyone trying to move a lot of liquid. Converting your machines hydraulic flow into a high-performance pump that can shift up to 20,000 litres per minute is simply a genius move. Just connect and pump, its as simple as that. No need to worry about generators or PTO equipment.

## BENEFITS:

- Light weight and easy to move.
- High efficiency.
- Small diameter head allowing it to access hard to get places.
- Tolerates solids and abrasive substances.
- Models ranging from 800 - 20,000 l/min.



# LIFTING MAGNETS.

## OVERVIEW:

Dynaset has several options for lifting magnets. There is the magnet generators that can be used with any lifting magnets and then there is the all in one solution which puts the generator inside the magnets housing. This technology converts the machines hydraulic power into a lifting force like no other. Models lifting capacity ranges from 2,750 kg to 9,000 kg with a tear off weight of 18,000 kg.

## BENEFITS:

- High quality structure.
- Easy to install and use.
- World's fastest demagnetizing time of 0.8 seconds.
- Popular in scrap steel applications.
- Compact all-in-one units with fully enclosed generator and no external electric cables necessary.



# DUST SUPPRESSION.

## OVERVIEW:

The dust suppression system converts the hydraulic power of your machinery into a high pressure atomised water mist. It is easily integrated onto the base machine's attachment head or wherever the dust suppression is needed to get maximum effect. High pressure water uses less water and delivers better dust suppression performance with a smaller water drop size than traditional low pressure dust suppression systems. Different nozzle and pump configurations are available to fit all machine types and dust suppression applications.

## BENEFITS:

- Small water droplet size for better dust binding and optimised water consumption.
- Doesn't wet the surrounding area.
- Integrated into the machine.
- Cabin operated.



# VIBRATION TECHNOLOGY.


## OVERVIEW:

Turrets vibration technology adds another dynamic to your machinery. When activated, it starts to make fast back and forth movements to the cylinder transferring vibrations to the attachment. It makes applications possible for smaller machinery that could previously only be done with big machines. It is an effective tool to enhance frozen ground penetration, pile driving, bucket emptying, asphalt cutting and soil compacting.

## BENEFITS:

- Optimized vibration from 19 - 30 Hz.
- Integrated into the machine.
- Easy to install and use.
- Causes less stress to the boom than rock breakers.
- Durable and reliable structure.





**“BEATTYS HAVE ALWAYS  
BEEN EXTREMELY HELPFUL  
IN ALL SITUATIONS EVEN  
WHEN WE HAVE HAD  
EMERGENCY TYPE JOBS AND  
VERY SHORT TIME FRAMES  
TO WORK WITHIN”**

**- CRAIG HOOPER, PARTS MANAGER.**







# GET IN TOUCH.

Have questions? Need advice? We're here for you 24/7 with technical support and years of industry knowledge.

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