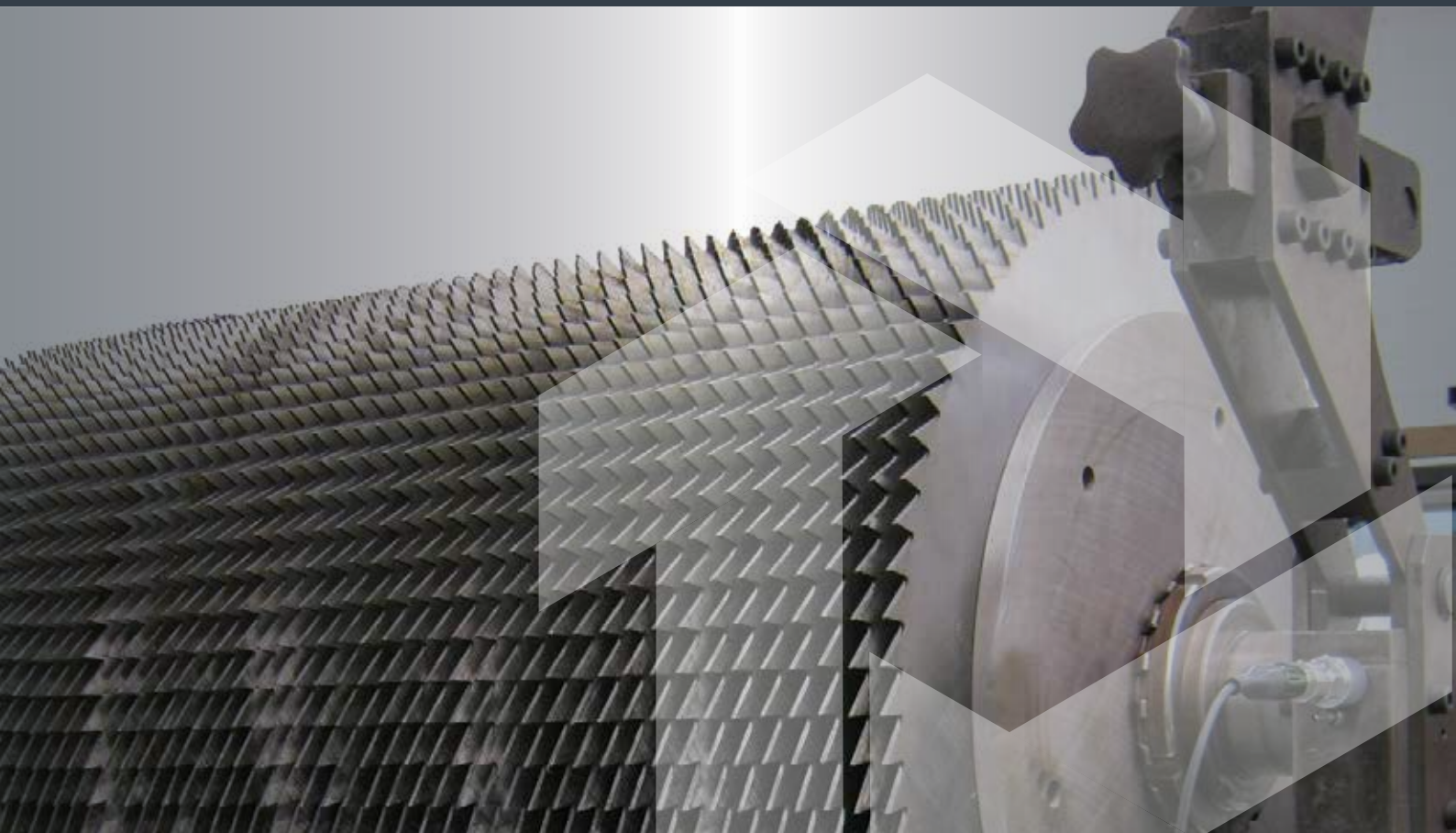


## Precision balancing services - optimising efficiency for rotating equipment.

Turret's balancing expertise & services extends 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 will lead to maintenance issues. The skilled team carry out a vibration analysis and identify areas for balance correction. The improvements made result in the component operating to peak efficiency, reducing wear and energy consumption along with enhancing safety and production output. To ensure long term reliability and ongoing

performance of your rotating equipment advice will often be given regarding alignment or bearing life issues. Technicians are also equipped with a portable balancer device enabling them to diagnose and remedy your vibration problems on-site eliminating the need for costly dismantling of machines or removal of components. Sometimes due to access restrictions or remote locations such as cooling towers there is no practical way to extract the equipment in question – so our service comes to you. If you're looking for Optimal Performance with your rotating equipment TURRET Balancing will get you there.



## ROTORS

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 rotors our facilities are capable of balancing all shapes & sizes including articles up to 4.5 metres diameter and ten tonne in weight.

- ☞ Armatures
- ☞ Centrifuge rotors
- ☞ Flail drum rotors
- ☞ Compressor rotors
- ☞ Turbine rotors



## ROLLERS

The manufacturing industry in New Zealand has relied on Turret Balancing for many years to ensure rollers in critical finishing applications are precisely balanced to deliver optimal performance and quality results. Timber processing rollers are one of our specialties.

- ☞ Rubber Rollers
- ☞ Sanding Rollers
- ☞ Glue Spreading Rollers



## PULLEYS

Pulleys are a key component in many drive systems and it is simple to follow how an imbalance left unattended can dramatically impact on the wearing life of belts and shaft surfaces etc. Turret Balancing is competent in working on all material types and in most instances will remove weight to correct a single plane imbalance.

- 🔧 Aluminium Pulleys
- 🔧 Steel Pulleys
- 🔧 Stainless Steel Pulleys
- 🔧 Cast Iron Pulleys



## FANS & BLOWERS

The displacement of air and propulsion in the water opens up a large requirement for rotating items with fins or blades that will deliver improved efficiency and reduced maintenance costs when dynamically balanced. Turret Balancing has a long association with the Ventilation, Air Conditioning & Marine industries. Some of the items in this category include -

- 🔧 HVAC Fans
- 🔧 Propellers
- 🔧 Impellers
- 🔧 Turbochargers



## OTHER ROTATING COMPONENTS

Turret Balancing are called on to dynamically balance a variety of custom made or specialised rotating components for New Zealand's key producers in the Dairy industry and Food Processing sectors. As mentioned below our services cover a wide scope including engine parts and cutting tools.

- 🌀 Scrolls - Augers
- 🌀 Blades
- 🌀 Crankshafts
- 🌀 Gears
- 🌀 Chipper discs
- 🌀 High speed machine tool components



## ON-SITE BALANCING

Equipped with an innovative portable balancer device, technicians are able to visit your site nationwide to diagnose and remedy vibration problems 'on the spot', eliminating the need for costly dismantling of machinery. Difficult access or remote locations no longer present an obstacle to having your componentry dynamically balanced. By dealing with the issue 'in-situ' our technicians can also observe operating conditions and contributing factors and offer advice to help reduce further maintenance costs.

- 🌀 Air Conditioning Units
- 🌀 Cooling Tower Fans
- 🌀 Field Equipment
- 🌀 Screw Lifts

### New Zealand

10 Oak Road, Wiri,  
Auckland 2104, New Zealand  
PO Box 97410, Manukau City,  
Auckland 2241, New Zealand  
Phone +64 9 263 7761  
Fax +64 9 262 0970  
Freecall 0800 800 852  
[sales@beattys.co.nz](mailto:sales@beattys.co.nz)  
[www.beattys.co.nz](http://www.beattys.co.nz)

### Australia

1-5 Jessica Place, Prestons  
NSW 2170 Australia  
Phone +61 2 9098 0435  
Fax +61 2 8015 6792  
Freecall 1800 463 693  
[sales@beattys.com.au](mailto:sales@beattys.com.au)  
[www.beattys.com.au](http://www.beattys.com.au)