



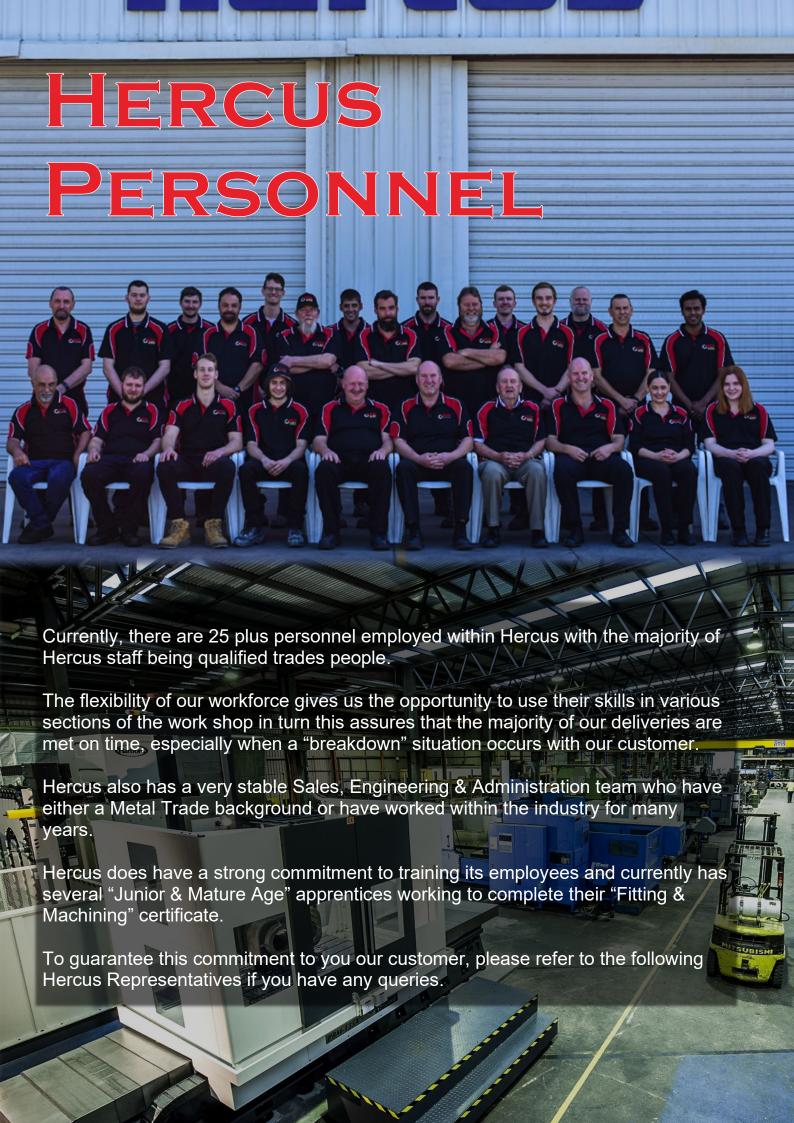






## Dynamic Solutions

from concept to manufacture



# DYNAMIC SOLUTIONS FROM CONCEPT TO MANUFACTURE

Hercus offer the complete Engineering and Transmission package for all types of Industries and Situations.

For over 100 years, Hercus have offered the following commitment to their customers of quality product and on time delivery with flexibility, competitive pricing and at all times a "Hands on, open approach".

Furthering enhancing Hercus reputation, we have now achieved ISO 9001 : 2008, and also audited regularly by several large customers, with regard to WHS and Delivery KPI's

Mining, Manufacturing, Agriculture, Food production, Aquaculture, Power generation are some of the Industries Hercus offer their services too.

Whether working together with a major company on a planned shut down or a breakdown on a prawn trawler, Hercus are able to support your needs.

#### The Hercus Workshop services include.....

Gear Cutting (all forms) CNC Machining – Milling, Boring, Lathe & Slotting

Worm Grinding Gear Grinding

Worm and Worm Wheels Conventional Turning and Milling
Slotting and Broaching Horizontal Press – up to 400 Tonne

Gearbox Repairs and Refurbishment All types of Assembly repairs / service

General Welding Paint Shop

Design and Drafting solutions

Combined with our workshop services Hercus has access to a large network of outside contractors that allow Hercus to manage the complete project, therefore the customer does not need to deal with several suppliers to get the job done.

#### Hercus the Dynamic Solutions provider

Please visit the Hercus website at <a href="https://www.hercus.com.au">www.hercus.com.au</a> where you can see the full range of Hercus 's services and transmission products available.

If you require an onsite visit, please contact Hercus and one of our Sales Representative will then contact you for a convenient time.



### EXAMPLES OF WORK

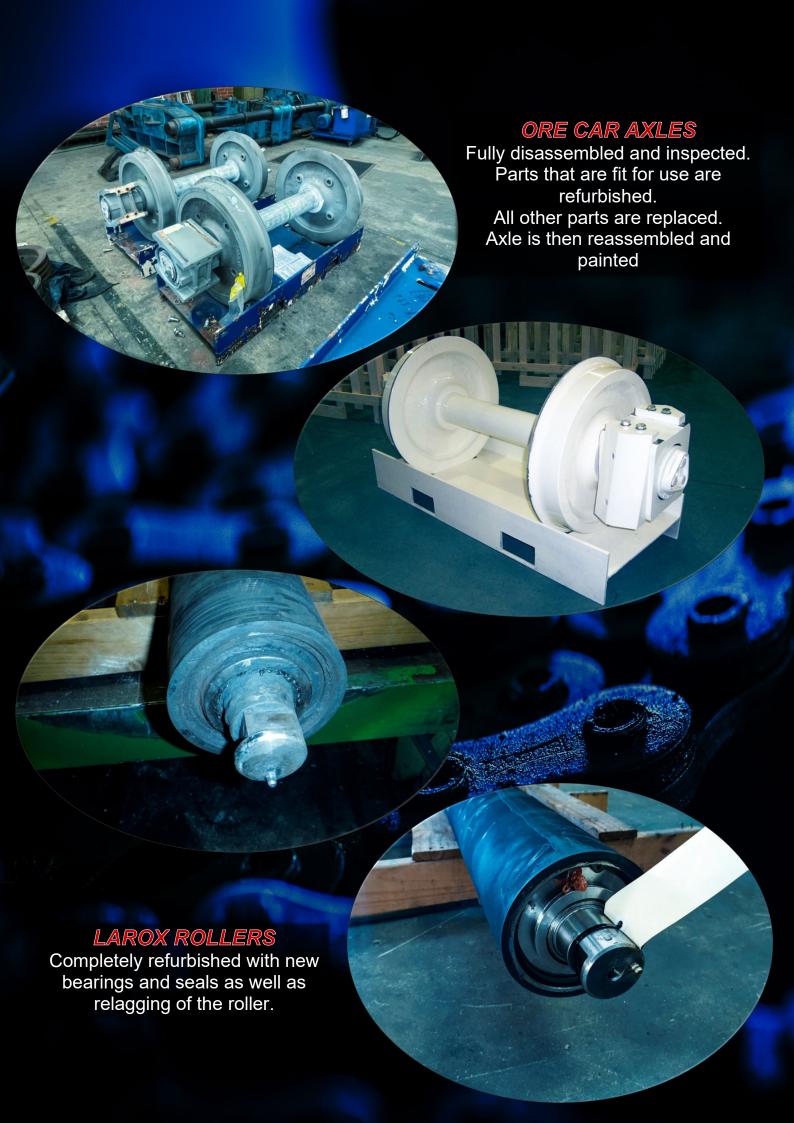


VR FAN DRUM PAINTED
AG20-1 paint specification

#### DUST PUMPS

Usually supplied disassembled as pictured left.

Reassembled with all new internals including Chesterton mechanical seals, barrel bushes and screw.





#### VERTICAL MACHINING CENTRES











## GEARCUTTING

#### SPUR GEARS

Hercus can cut Straight Tooth, Helical Tooth and Double Helical Tooth gears. With regard to Double Helical Gears, Hercus can cut up to a 250mm Face Width, at 30 and 22 ½ degree helix angles.

#### **Maximum**

<u>Horizontal – Sunderland Generator</u>

1440mm swing x 230mm face width, up to 1 dp (25.4 mod)

Vertical - TOS Hobbers

1600mm swing x 400mm face width, up to 1.58dp (16mod)

#### Minimum

Horizontal - Sunderland Generator

20mm swing x 100mm face width, to 120dp (.2 mod)

<u> Vertical – Hamai Hobber</u>

10mm swing x 150mm face width, to 120dp (.2mod)

#### BEVEL & MITRE GEARS

Heidenreich & Harbeck

- Minimum 20mm swing x 48 dp (.52mod)

<u>Gleason</u> - Maximum 768mm swing x 4 dp (6.35 mod)

#### INTERNAL

Fellows - Maximum 610mm swing x 125mm face width, up to 3 dp (8.5 mod)

#### RACKS

<u>Sykes Rack Generator</u> - Maximum length / pass 2000mm x 120mm face width, up to 3dp (8.5mod) Can cut up to any length rack

#### WORM WHEELS

<u>TOS Hobber</u> - Maximum 1600mm swing x 150mm face width, up to 2.25dp (11 mod)

#### POINTING

Hey Gear Pointer - Both Internal & External Gears can be pointed

#### WORM MILLING

<u>Lee-Bradner Worm Mill</u> – 204mm swing, centre distance is not restricted.

Can mill any "pitch" and "multiple" starts





#### WILLIAM DURDEN (BILL) – GENERAL MANAGER

Bill is a certified tradesman who has been in the metal industry since 1986 and has a strong back ground in CNC Machining and Programming on both lathes and mills.

In 1997 He was appointed General Manager of F W Hercus Pty. Ltd and continues to hold this position today. In 1998, Completed the "Certificate in Business Management Practices".

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Email: <u>billd@hercus.com.au</u>

#### STEVEN DURDEN (STEVE) - SALES MANAGER

Steve is a qualified tradesman who has been in the metal industry since 1980 and has a good understanding of this field, however Steve's main strength is in Sales where he has experience as a Sales Representative since 1985.

In 1995, He was appointed Sales Manager of F W Hercus Pty. Ltd and still currently holds this position. In 1998, Completed the "Diploma of Business Management Practices".

Mobile: 0418 852 285

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#### JACKSON DURDEN - SALES REPRESENTATIVE

Jackson is a qualified Fitter and Machinist who has been in the trade since 2014. He has great knowledge in programming and operating CNC lathes and mills, as well as a good fabrication background.

In August 2020, Jackson moved away from Machining and into Sales where he continues today.

Mobile: 0458 600 548

Email: jackd@hercus.com.au

#### KEITH JONES - FACTORY MANAGER

Keith has over 35 years' experience within the metal industry and during this period has held key managerial roles for over 20 years.

Prior to Keith joining Hercus 2005, Keith has worked at other established Engineering Companies and has brought this experience to Hercus.

As Factory Manager Keith has total control of all Factory operations and therefore this guarantees continuity of quality and delivery.

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