

Capability Statement

Industrial Gear Solutions

Overview of industrial gears solutions including service and repair capabilities



Driving



About us

Since 1982, SEW-EURODRIVE Australia has been a proud and integral part of the global SEW-EURODRIVE group. Recognised for our extensive local inventory of large-scale, high-torque industrial drive components. We pride ourselves on delivering short lead times and dependable service through a responsive, coast-to-coast national support network across Australia.

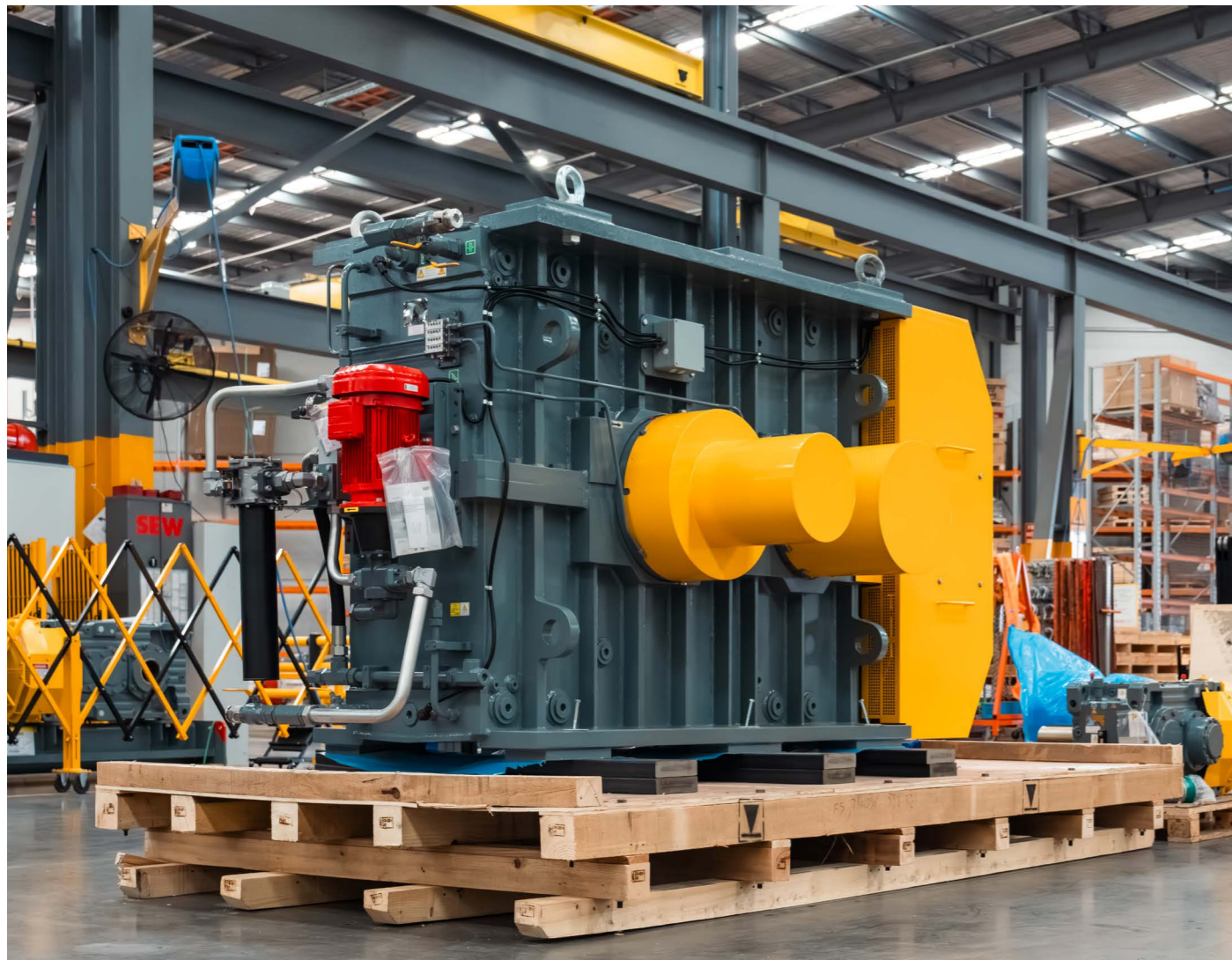
Services at a glance

- Engineered solutions for new applications
- Drop in replacements of gear drives
- Reverse engineering of gears
- Custom gearing designs
- Load test capabilities available up to 1MW
- Finite Element Analysis (FEA)
- Gearing calculations according to AGMA and ISO/DIN
- Modal analysis using FEM and modal testing
- Bearing analysis according to ISO 281 and the latest ISO 16281 method
- Structural analysis of machine components
- Root cause failure analysis
- Vibration analysis and condition monitoring
- Application engineering
- Project engineering
- Up to 50T overhead crane capacity
- 100T – 200T 'roll-bed' presses
- 150T bearing and coupling puller

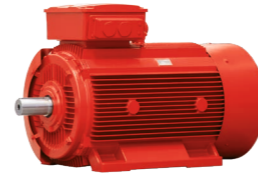
the world.

Customised drive technology that moves the world.

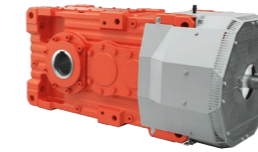
We offer innovative drive solutions from our comprehensive product range to suit a wide range of applications and industries. This includes; gearmotors, frequency inverters, servo drive systems, decentralised drive technology, functional safety technology and industrial gear units.



Our range includes:



Motors & AC Motors



Gear Units



Inverter Technology



Custom Drive Solutions



Cooling Systems



Couplings



Cable Technology

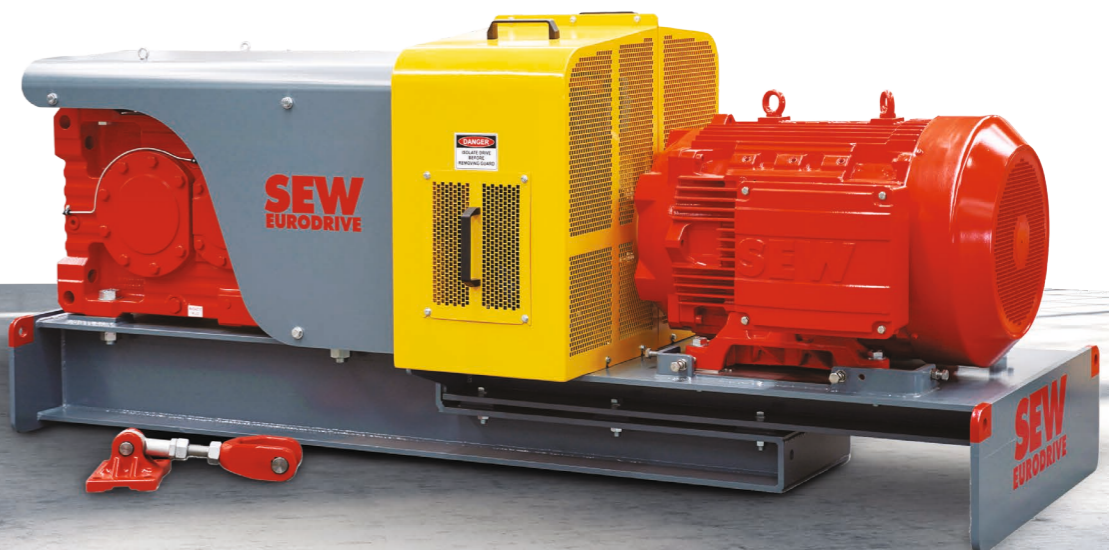


Condition Monitoring

Drive Packages

In addition to our to our proprietary gear units and motors, we can also design and locally assemble a drive package, including system components such as couplings, brakes, and steelwork.

Using our modular system as a starting point, we can adapt to your requirements, no matter how demanding they are – regardless of whether we are working in a batch size of one or a special series designed to suit your specific requirements.

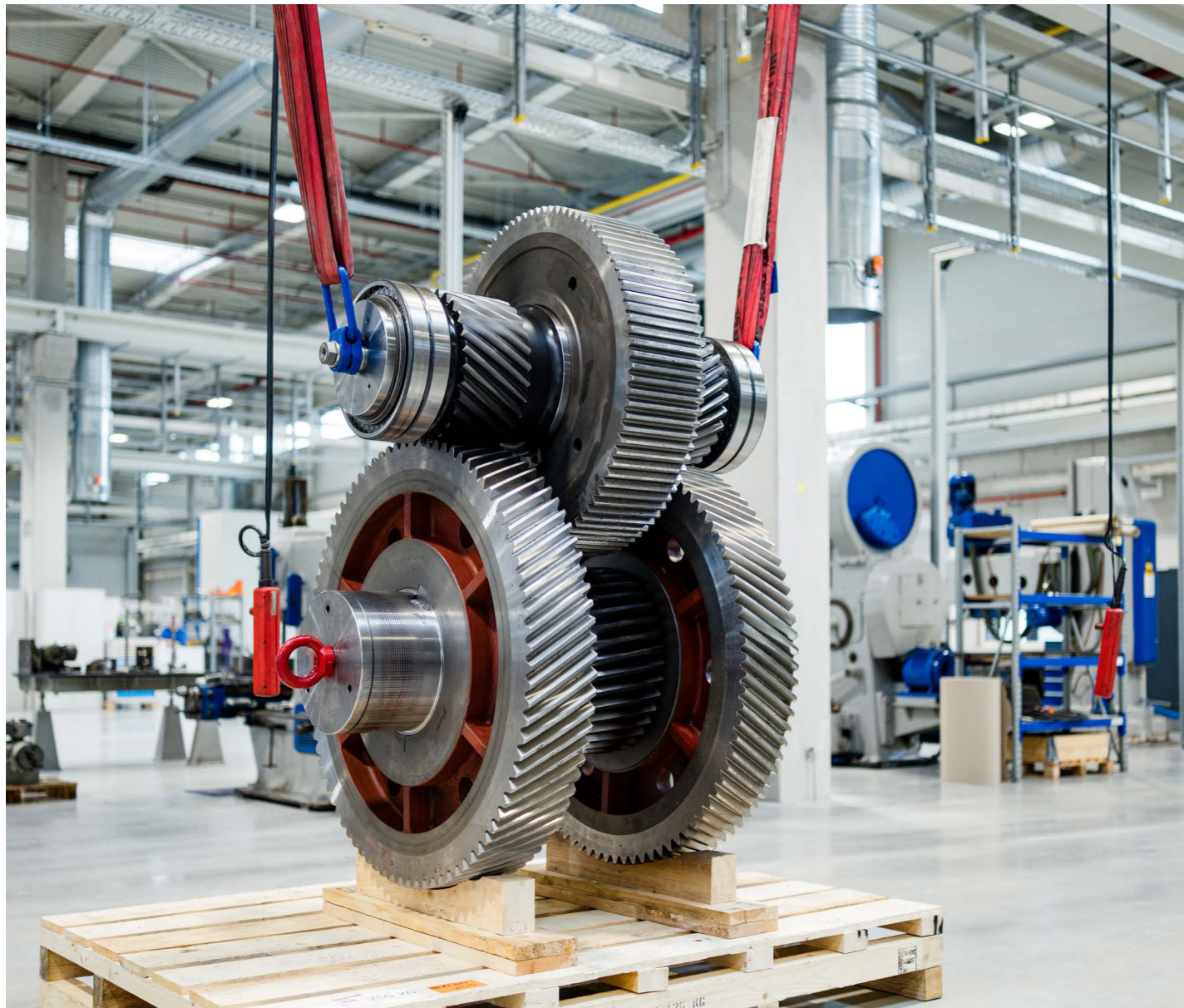


Learn more at: sew-eurodrive.com.au

A global family company

Committed to promoting social responsibility and a strong sense of togetherness, underpinned by discipline, loyalty, dedication, and safety. With a worldwide presence and close proximity to customers, innovative solutions are delivered through integrated products and services from a single source.

Quality, Innovation, Service & Delivery



International Network

In our worldwide network of production and assembly plants, we produce quality German designed components globally and assemble the final product locally, meeting individual customer demands and all regional requirements.

Products and solutions "Made by SEW-EURODRIVE" are used and trusted all over the world. Benefit from our global resources in research, engineering and technology.



57
Countries



22,700
Employees



18
Production Plants



850
Research & Development Employees



92
Drive Technology Centres



90
Years of History



Driving Australian industry since 1982



SEW-EURODRIVE was incorporated in Australia in 1982. Jürgen Blickle, CEO, was given the challenge of overseeing the project, from the purchase of land, right through to the completion of the first building in 1983.

SEW-EURODRIVE Australia Summary

- 340 employees
- 8 sales offices
- \$AU50M+ of stock holdings
- 7 service centres
- 2 assembly plants
- Remote sales office in Townsville
- Urgent response assembly plants
- Extensive engineering support
- Extensive service and repair capabilities
- Electrical, mechatronic and servo product assembly and service



National Footprint

Melbourne (HQ)

Total area approx: 40,000m²



Our sales representatives cover all of Australia including the Northern Territory, Tasmania and all rural, regional and remote areas.

Production Capability

- Assembly of helical, parallel shaft, helical bevel, SPIROPLAN® and helical worm gearmotors
- Assembly of synchronous servomotors
- Assembly of frequency inverters
- Assembly of heavy industrial gear units
- Dedicated project management team

Service Capability

- Service of full standard product portfolio; Gearmotors, servo, decentralised and frequency inverters
- Service of heavy industrial gear units Including 3rd party products

Corporate Facilities

- Management base
- Technical Sales
- Finance and Accounting
- Innovation & Planning

Newcastle

Total area: 2,700m²



Heavy Industrial Solutions Service Centre

- Complete service and repair of (HIS) units inc 3rd party products
- 500kW Load Testing

Adelaide

Total area: 6,500m²



Heavy Industrial Solutions Service Centre

- Complete service and repair of (HIS) units inc 3rd party products
- 1MW Load Testing
- Mechanical service
- Technical sales

Brisbane

Total area 4,450m²



- Gearmotor assembly
- Mechanical service
- Technical sales

Sydney

Total area: 4,182m²



- Gearmotor assembly
- Mechanical service
- Technical sales

Mackay

Total area: 2,000m²



Heavy Industrial Solutions Service Centre

- Complete service and repair of (HIS) units inc 3rd party products
- 500kW Load Testing

Perth

Total area: 1,089m²



- Gearmotor assembly
- Mechanical service
- Technical sales

New 2,500m² facility due late 2026



"People don't just want products, they want complete solutions."

We offer a complete customer service experience from initial enquiry; to commissioning and installation advice; to product support; to 24hr emergency breakdown service. Once you buy SEW-EURODRIVE, you can count on our support for the life of the product.

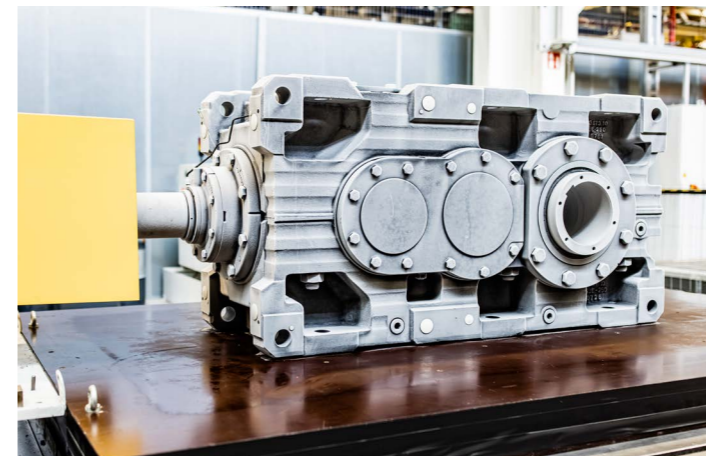
- Engineering of industrial gear solutions for new applications
- Complete inspection and overhaul service of SEW-EURODRIVE & non-SEW-EURODRIVE gear units
- Re-engineering solutions to replace aging and/or obsolete non-SEW gear units with the latest technical designs from SEW-EURODRIVE
- A national network of facilities delivering short lead times through extensive local stock holdings

Innovation and excellence

Our wide-ranging collection of test stands – your future defined

Our commitment to innovation and excellence runs through every aspect of our work on industrial gear units. We have no doubt that our technologies and products have the potential to revolutionise industry and change the world.

We are actively shaping the future of industrial gear units. Our diverse range of test stands allows us to explore new possibilities every day while ensuring our products meet the highest quality standards. Step into a world where innovation and peak performance know no limits.

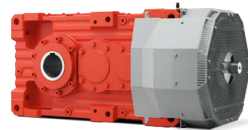


Whether low-temperature tests, thermal investigations, or the fundamentals of oil and bearings - we delve into these topics, determined to achieve optimum results.

Heavy Industrial Gears

When system manufacturers in heavy industries like construction, mining, or cement production discuss industrial gear units, they often focus on custom solutions. SEW-EURODRIVE's industrial gear range is exactly that.

Helical and Helical-Bevel Series



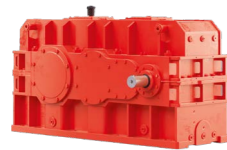
X.e Series

The extensive modular system, along with a wide range of predefined additional equipment and options, provides exceptional flexibility to suit your specific application's needs. Whether you are a plant manufacturer or operator, the X.e series offers an ideal solution for every need.



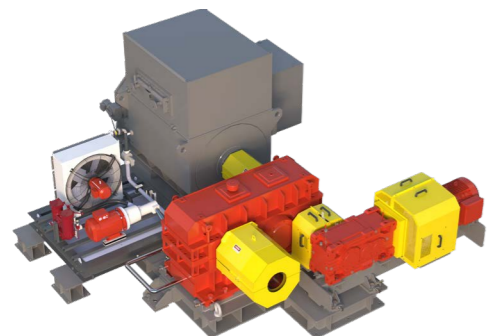
M1..N Series

The M1..N series industrial gear units are developed especially for applications that require a large range of very low ratios. This ensures that you are using a helical gear unit that is finely matched to your application.



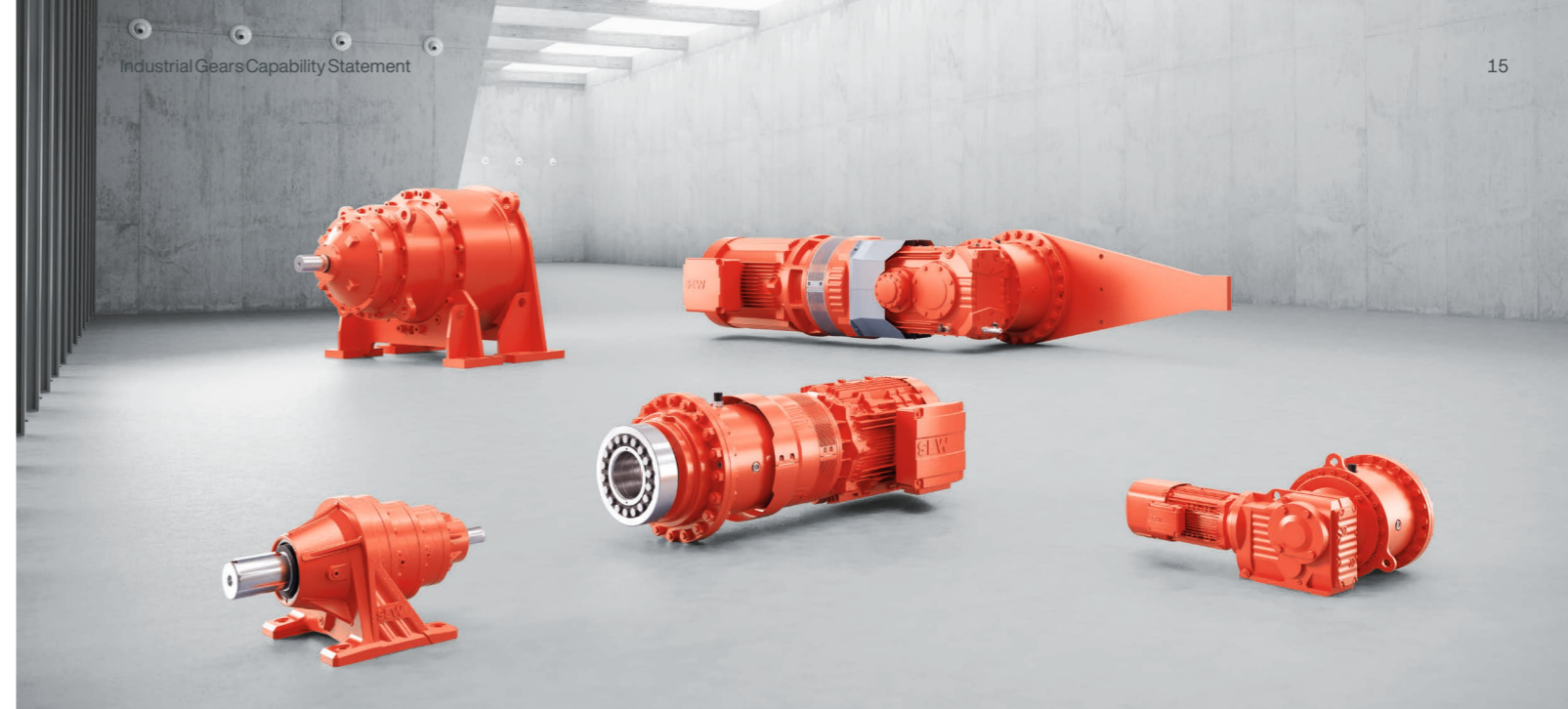
ML..2 Series

Our biggest and most powerful standard range. Numerous options and additional designs are available for these heavy duty gear units, enabling you to create a tailor-made solution entirely in line with your requirements.



Custom Drive Packages

Design to Order (DTO): Thanks to its international production facilities, which collaborate closely within its global plant network, SEW-EURODRIVE can manufacture special gear units. These are produced in-house and are specifically tailored to each customer's application.



Planetary Series



P Series (PK, PR and PX)

Many industries, including bulk materials handling, recycling, wood, and food processing, require drives that are both compact and robust while delivering high torque. The P-X series provides the perfect solution to meet these needs.



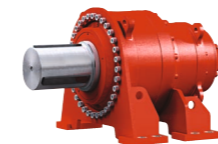
P2.e

These units offer exceptionally high thermal rating at very low ratios, often eliminating the need for additional cooling.



PX1KP.e

These units offer very low gear ratios in a compact right angle configuration. With its advanced efficiency and precision engineering, it's the ideal solution for industries where space is limited but exceptional performance is essential.



XP Series

Our largest standard planetary drives, highly compact units designed for very high torque ratings. They provide tailored solutions for high-performance applications and their flexibility allows for customization to suit your specific needs.



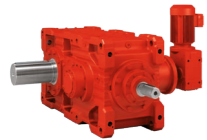
PPK Series

Small, compact and powerful. Wherever space is limited these units can provide an alternative solution. Able to be combined with our Standard Geared Motor Range, the options are almost limitless.

Girth Gears and Drives

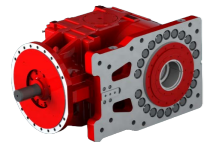
Girth gears are used to drive large, rotating systems such as dryers, rotary kilns or horizontal mills. The flexible concept from SEW-EURODRIVE has simplified manufacturing, transport and assembly.

Application Specific Units



X.e Bucket Elevator Drive

The Bucket Elevator Drive consists of our highly durable X.e series gearbox with built-in backstop. Ready to select straight out the catalogue with full or empty bucket options for the integrated Maintenance Drive.



AFC Armour Faced (Scraper) Conveyor Drive

This drive is specifically designed for underground coal mining, featuring a robust housing with a split and side-mounted configuration for easy maintenance. It includes optimised internal components, dust-proof sealing and an efficient cooling system.



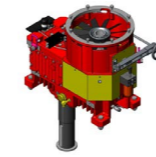
VTM Vertimill Drive

The drive features a robust gear unit housing and is equipped with P or XP series internal gearing for enhanced performance. Additionally, SEW-EURODRIVE can design custom output shafts to meet specific requirements for vertical stirred mill applications.



WCT (Wet Cooling Tower) Drive

Specifically designed for the use in Wet Cooling Towers. It features high mechanical strength to support the Fan Blades and superior corrosion resistance to handle constant cooling water spray.



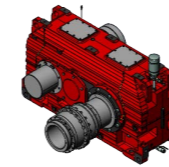
MACC (Air Cooled Condenser) Drive

Specifically designed for use in Air Cooled Condensers. Motor Adapter with integrated Cooling Fan and Safety Braking System.



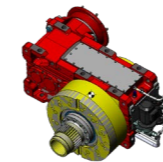
VRM Vertical Roller Mill Drive

With a three-layer structure and contactless labyrinth seal, it ensures reliable performance. Optimized circular and fan-shaped pads ensure even load distribution, while point-to-point lubrication directs oil to each gear and bearing for improved longevity.



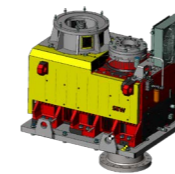
X.e/MD Mill Drive

Mills are quite unique in the way they transmit shock loads through the gears and bearings. The Mill Drive utilizes optimised gear and bearing arrangements to improve reliability and maximise service life.



X.e/EXT Extruder Drive

Constructed with high-quality X.e gear unit components. The Low-Speed Shaft (LSS) is equipped with a thrust bearing arrangement tailored to handle high axial loads and meet the specific operational requirements of Extruders.



X.e/HFL Floatation Cell Drive

Designed for specialized applications, this gear housing is optimized to meet non-standard design requirements, enabling it to handle high torque and complex external forces. It features an enlarged structure with cooling fins, significantly improving the system's heat dissipation performance.



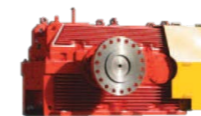
X.e Agitator and Mixer Drive

Agitators and mixers often process a wide range of materials under extremely heavy loads. Our application gear units based on the proven X.e series have a tried-and-tested housing and modern rolling bearings. Both enable the absorption of high external forces and bending moments.



X.e/HC Hoist Drive

Hoist drives in crane applications have special requirements in terms of space and weight. Our X.e/HC series industrial gear unit has been specially designed for these applications and is the No. 1 choice in this field.



X.e Thermal Housing (Mining Drive)

For operators or original equipment manufacturers of machines and plants, it is crucial that the drives used are robust, reliable, and easy to maintain. The Mining Drive delivers on all these fronts, featuring a housing optimized for heat dissipation, making it ideal for tough environments.

Service & Repair

Heavy Industrial Solutions

- Factory trained fitters
- Ability to service and repair SEW-EURODRIVE and non SEW-EURODRIVE gear units & gearmotors
- A wide range of lifting capacity
- Assembly and laser alignment of drive assemblies
- Gearbox non-load testing
- Thermal imaging and data logging
- Sound and vibration measurement
- Up to 1MW Load test capabilities
- 3D scanning capability for reverse engineering gear sets and creating drop-in replacements.
- Units are painted to your requirements
- Storage and long term storage protection options

Customer site capabilities (subject to site access)

- Evaluation of mounting positions and adjustments to consequent parts if required
- Motor brake inspection, cleaning and adjustment



Gearmotors & Gear Units

- Installation advice service
- Start-up service
- Inspection and maintenance service
- In-house repair and service of entire SEW-EURODRIVE's standard gear unit size 10 - 187 and motor range size 56 to 355
- Complete overhaul service
- Spare parts service
- Express assembly service
- Extended warranty

Mechatronics

- In-house service and repairs to electronic, mechatronic and servo product ranges
- Start-up service
- On-site commissioning
- Troubleshooting and support

Applications

We understand your specific requirements and are committed to meeting your needs. Our focus spans across a wide range of market sectors, and we provide both supply and service in these areas including:

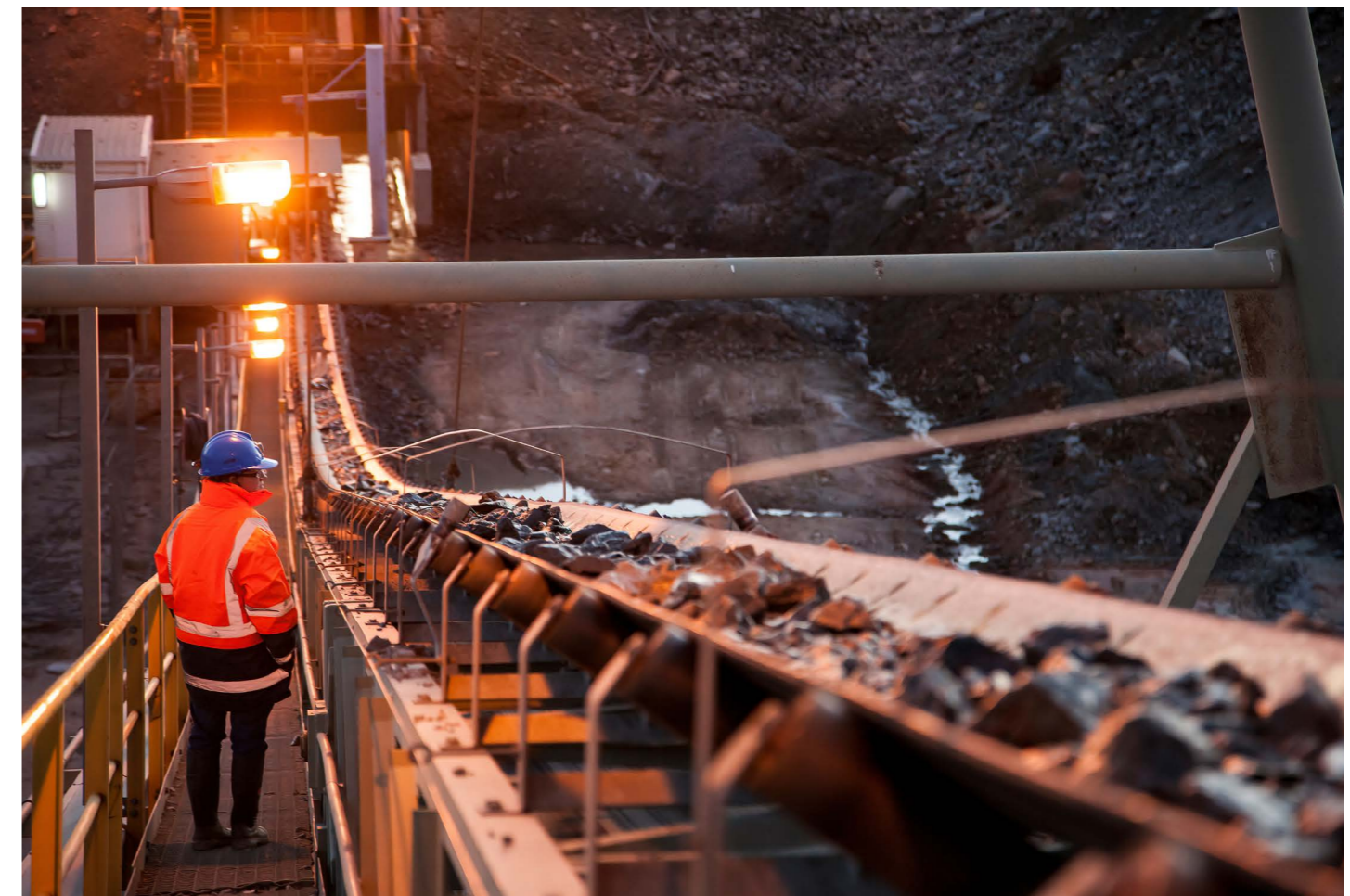
Industries:

- Electricity
- Water and Waste Services
- Agriculture
- Forestry and Fishing
- Building Materials and Construction
- Professional
- Pharmaceutical
- Airport and Logistics
- Food and Beverage
- Recycling
- Wood Processing
- Mining
- Australian mining application & end user customers



Mining Applications:

- Conveyor Drives
- Apron Feeders
- Slurry Pumps
- Belt Winches
- Screening Processors/ Shakers
- Extractor Fans
- Wet and Dry Cooling Towers
- Fans
- Agitators/Stirrers
- High Pressure Grinding Rolls
- Crushers
- Dredges
- Bucket Chain Elevators
- Lifting Devices
- Hoisting Machinery
- Overhead Cranes
- Kilns
- Rotary Dryers
- Grinding Mills
- Water Pumps
- Trommels
- Reclaimers, Stackers & Shiploaders
- Slewing Drives
- Travel Drives
- Bucket Wheel Drives
- Cable Reelers
- Boom Conveyors
- Shuttle Drives



Driving the world





Company Background

The SEW-EURODRIVE group is a global designer and developer of mechatronic transmission systems and motor control electronics, headquartered in Bruchsal, Germany. Its broad spectrum of integrated solutions includes geared motors and gear units, high torque industrial gear units, high-efficiency motors, electronic frequency inverters and servo drive systems, decentralised drive systems, plus engineered solutions and technical support/training.

The Australian division of SEW-EURODRIVE is headquartered in Melbourne and is supported by a network of sales and service facilities in Sydney, Brisbane, Mackay, Perth, Adelaide and Newcastle. The company's customer base includes large-scale corporations and smaller entrepreneurial enterprises across Australia.

Technical Enquiries

SEW-EURODRIVE Pty Ltd
27 Beverage Drive
(PO Box 59)
Tullamarine, VIC 3043
Phone: (03) 9933 1000
general.mail@sew-eurodrive.com.au

Service and Support
Emergency Contact
Phone: 1300 363 432

Media Enquiries

SEW-EURODRIVE Pty Ltd
27 Beverage Drive
(PO Box 59)
Tullamarine, VIC 3043
Phone: (03) 9933 1000
marketing.au@sew-eurodrive.com.au

Marketing Department
Phone: (03) 9933 1000
marketing.au@sew-eurodrive.com.au

SEW-EURODRIVE Pty Ltd

27 Beverage Drive
(PO Box 59)
Tullamarine, VIC 3043
Phone: (03) 9933 1000
general.mail@sew-eurodrive.com.au