

Sumitomo Drive Technologies

— Gear Services

# MORE UPTIME, MORE VALUE

Protect your gear investments  
with expert services along the  
entire lifecycle

## STAYING OPERABLE IN EVERY SITUATION

As an operator, you rely heavily on your equipment. Even a short downtime can have critical consequences – especially in today's demanding times. This puts a lot of pressure on your gears and gearboxes.

Regular gearbox inspections and maintenance are vital to keep your company running. To tap their full potential, they should be combined with condition monitoring: By proactively obtaining status information about your units, you always know exactly when to act. For example, by restoring or repairing components before a breakdown occurs.

And with coherent end-to-end lifecycle management providing the services you need when you need them, you are always in control.

It is key to protect your gear investments – and should be carried out by experts in their field. Experts who don't just know their own products, but the entire range of units you use.

You know Hansen Industrial Transmission (HIT) for their quality and reliability in gear technology and dedicated services. As part of the Sumitomo Drive Technologies brand, together we deliver specialist support that guarantees smooth operation of your equipment and your business.

Worldwide.

## RESTORATION

### LEVERAGE USED COMPONENTS AND SAVE COSTS

What do you do when your gearboxes don't work as expected or don't live up to your needs anymore? You could buy new ones, of course. But with Sumitomo, in many cases you don't need to.

Using sophisticated methods like non-destructive testing with magnetic particle inspection, we find microscopic cracks and other damages. We then evaluate whether

restoring your unit or replacing particular components is worthwhile, utilizing 3D measurements to double check every part for possible reuse. After that, we perform all the necessary steps to ensure reliable performance.

What you get is a unit as good as new, in a cost-efficient, time-effective manner.

### 01 RESTORE

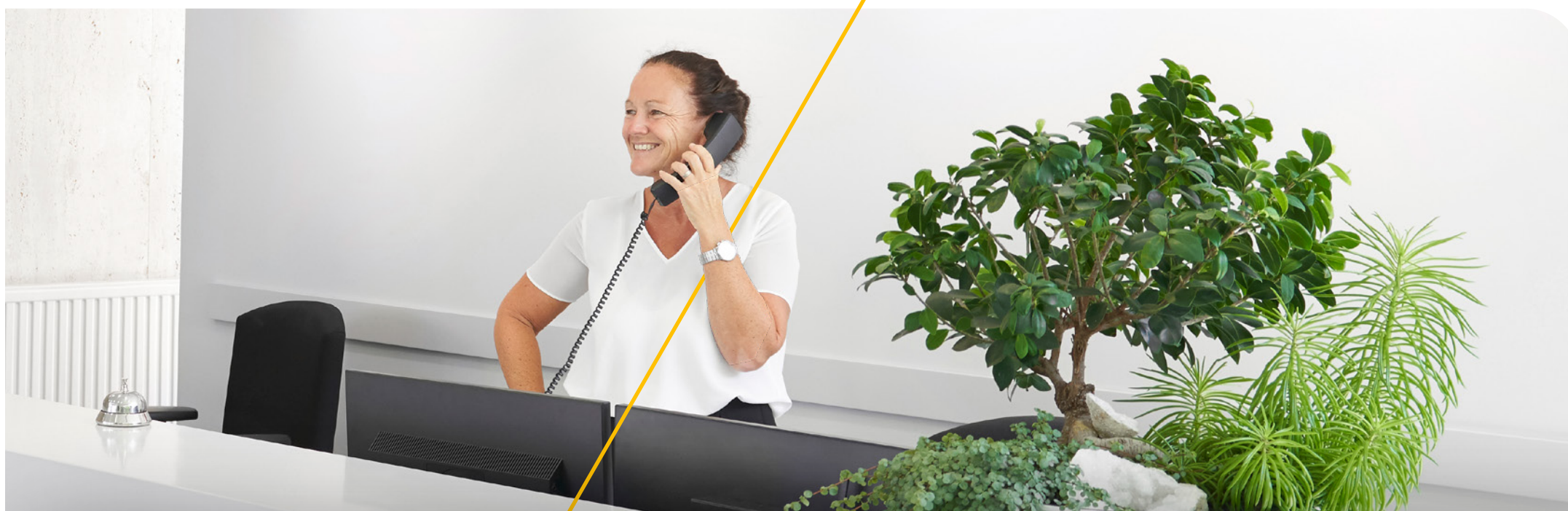
We disassemble your unit and carry out a rigorous inspection. The main housing and all covers undergo a thorough cleaning process.

### 02 REPLACE

We replace all bearings, including bearings with eccentric locks, as well as seals and hardware, using original parts by Sumitomo, before reassembling the unit.

### 03 RETURN

Before we send your unit back (freightage included), we perform a comprehensive refreshing and testing process. We sandblast the unit, prime and paint it, pre-fill it with the appropriate oil where applicable (after giving you a recommendation), upgrade the breather, and take it for a test run.



**EMERGENCY HOTLINE**  
**NEED URGENT HELP?**

Call us anytime: +32 3 450 12 34



**CUSTOMER SERVICE HUB**  
**CHAT WITH US**

Get live support: [www.sumitomodriveservice.com](http://www.sumitomodriveservice.com)

»Many of our customers have realized the long-term benefits of implementing one or all of our service programs to maximize uptime, protect the value of their investment, and reduce equipment operating costs.«



## REPAIRS

### BRING LEGACY AND EXTERNAL UNITS BACK TO BUSINESS

When one of your gearboxes is damaged, you can be sure: Sumitomo experts are there for you to fix it – regardless of product and brand. We perform professional repairs using genuine parts not just from Sumitomo and Hansen, but also from Cyclo, Seisa, and many more. No matter the type of gear, be it horizontal, vertical, parallel, right angle, planetary, etc.

Your gearbox features legacy products that aren't being produced anymore? We'll take care of that, too.



## TRAINING PROGRAMS

### GET EXPERT TRAINING FOR YOUR TEAM

You might want to perform routine maintenance tasks yourself. Let's make sure your employees have all the expertise and skills they need: The Sumitomo maintenance expert training programs bring your team up to speed.



Find out more and contact us  
to talk about your requirements:  
[www.sumitomodrive.com](http://www.sumitomodrive.com)

## CUSTOMIZING GET UNITS FITTED TO YOUR NEEDS

You shouldn't have to plan your plant around your gears. That's why we at Sumitomo build gears and components customized to your needs: from drive shaft to flange to motor plate to adapters. So, you don't have to change anything at all – we adapt to you. Assembly and disassembly included.

Our drop-in replacement units let you upgrade and replace older units as well – no matter the manufacturer. In most cases, they run more efficiently, have a higher power density, and therefore need less space.



Nearly **100**  
years of experience-based quality

# ENSURE EVERYTHING RUNS SMOOTHLY

Expert-led inspections ensure your gearboxes function properly – now and in the future. This can include checking and adjusting oil level, quality and viscosity, as well as lubrication and play in bearings. We perform vibration measurements, visual gear inspections, and endoscopic procedures where gear cogs and bearings are inspected without opening the gearbox.

# PROACTIVE END-TO-END SERVICE

Sumitomo is there when you need us – for example, when your gearbox is in desperate need of repair. But we can also be there before the damage is done: With services along the entire lifecycle, spanning from installation to maintenance and monitoring to repairs and the selection of replacement products. We help

you save money, get your units up to speed quickly, and safely dispose of old products.

Our solutions are specific to your situation, but always focused on maximizing uptime, minimizing costs, and extending the life of your equipment.

01

Budget quotation  
(cost estimate)

02

Detailed inspection  
of gears and pinions; checks and measurements of housing tolerances, shafts, and bores of wheels; optional root cause analysis







03

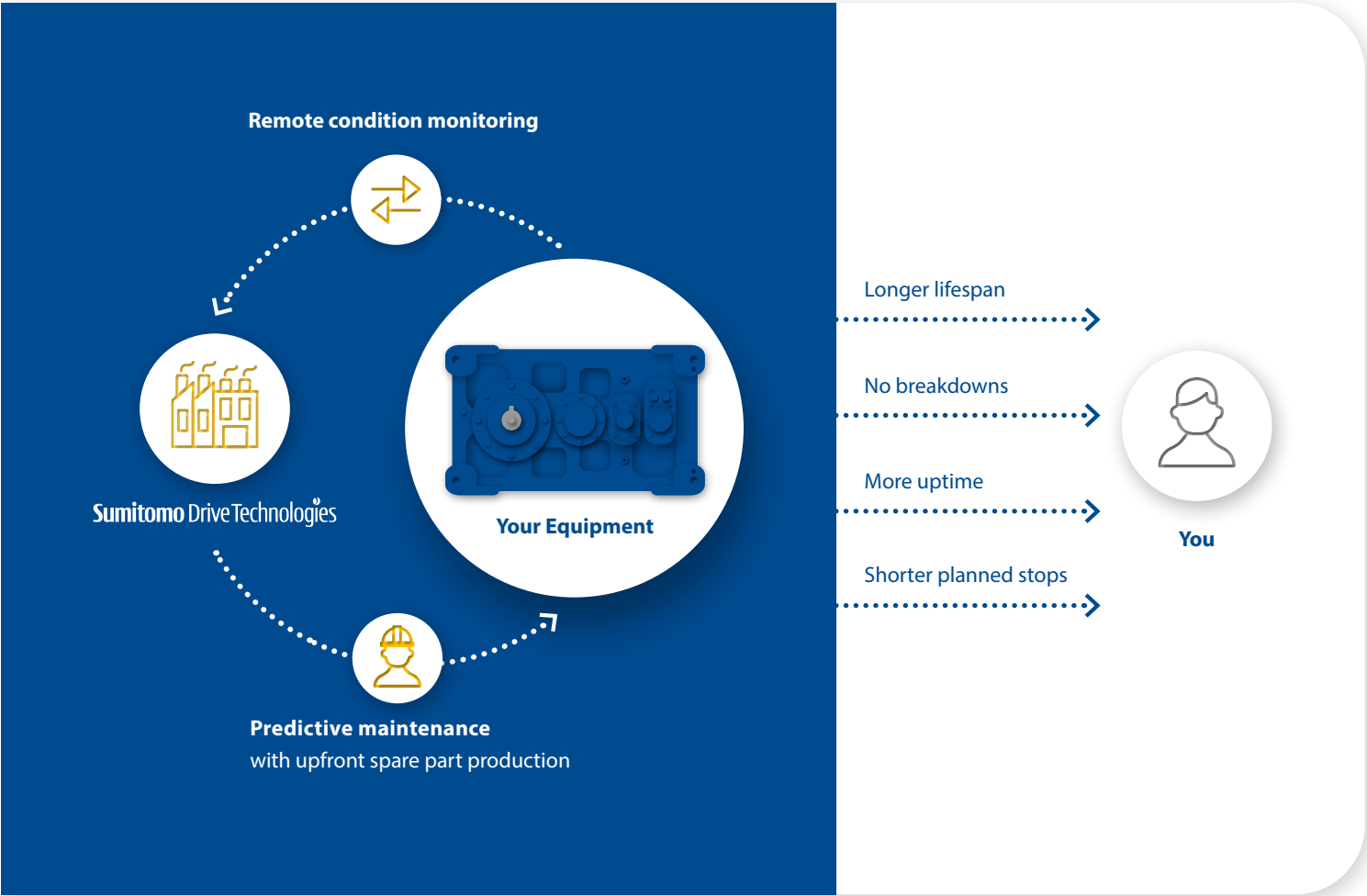
Detailed quotation  
including technical report with overview of essential parts

04

Expert assembly  
replacing all bearings and seals, with particular attention to correct bearing clearances and gear alignments; final no-load run with checks of temperature, lubrication and sound

## FULL RANGE AT YOUR SERVICE

-  Field services
-  Expert inspection reports
-  Root cause investigations
-  Start-up services
-  Warranty extension
-  Customized service level agreements (SLA)



## CONDITION MONITORING

Automatic monitoring and control of:

- Oil
- Rollers and bearings
- Gears
- Alignments
- Torque, overload, motor power and vibrations
- Attachments (couplings, etc.)

## EXTEND YOUR EQUIPMENT'S LIFE

We ensure your units, special rotating parts, and oils live longer:

- Plug and play or customized condition monitoring systems
- Sensor-based oil analysis and management (pressure, temperature, flow, purity)
- Integrated early-warning technology to prevent damages

## GET IN TOUCH NOW

Find a contact near you, learn more about our portfolio, and see what you can achieve with the Sumitomo service programs: in our Customer Service Hub.

[www.sumitomodriveservice.com](http://www.sumitomodriveservice.com)



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