



Sumitomo Drive Technologies

Our extensive APAC network offers customers a wide regional support network. From inventory distribution to manufacturing to assembly, we have the team to ensure high quality, responsiveness, on-time delivery, and quick lead times.

- ★ Asia Pacific Headquarters
- ★ Manufacturing Hub
- Assembly & Service
- Service
- ▲ Regional Sales Office

Sumitomo (SHI) Cyclo Drive Asia Pacific Pte. Ltd.

www.SumitomoDrive.com

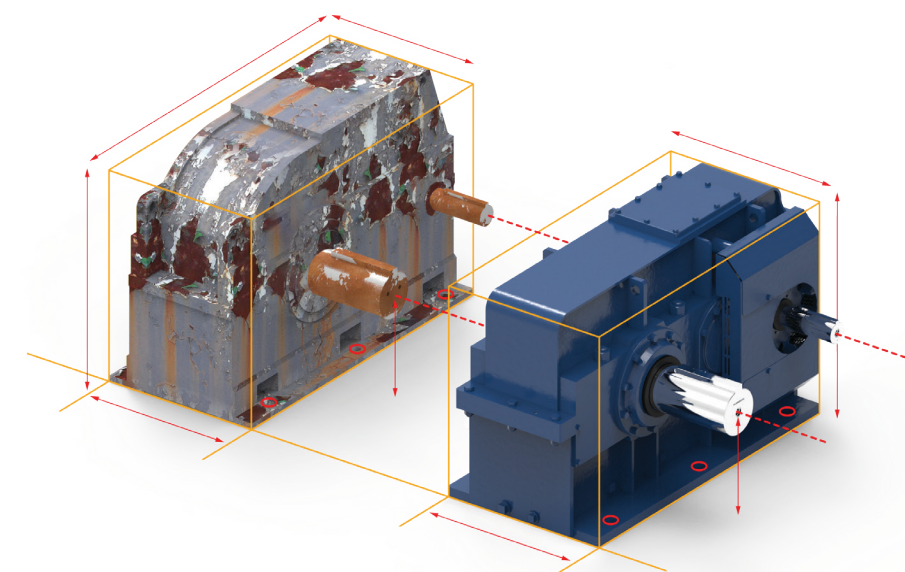
For worldwide locations, please visit www.sumitomodrive.com/worldwide
Contact your local representative at www.sumitomodrive.com/representative
SCA/AP/APFPS.01/2023.10

Sumitomo Drive Technologies



Perfect fit for any replacement

Drop-in Gearboxes



Retro-Fit units with transition bases allow us to match your existing footprint.

Custom drop-in units made to match existing unit's critical dimensions.

Retro-Fits and Drop-Ins

Whatever your requirements, we have a solution for you. Sumitomo Drive Technologies offers customized bases which allow our units to match the footprint of an array of existing applications and drop-in gear drives to upgrade and replace existing units.

With a wide range of options, our engineers can replace your unit with minimum impact while delivering a premier product with performance and reliability.



Scan for our drop-in webinar video

Retro-Fit

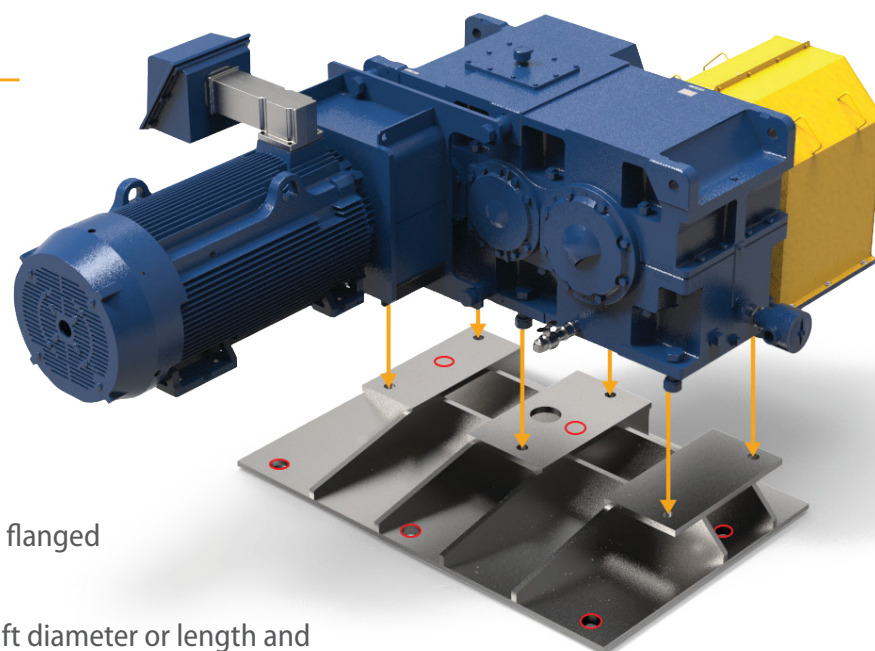
Match existing footprint

A custom transition base will position the new low-speed shaft to be in the EXACT same position as the original low-speed shaft. Our retrofits provide an excellent balance between the cost savings of a standard gearbox and the benefits of minimal on-site modifications.

Typically, only relocating the motor mount is required for this option. We offer motor mounting options to help minimize the impact of relocating the motor mount, such as flanged motor adapter for c-face or d-flange motors.

Options might include a special low-speed shaft diameter or length and motor lantern.

The red circles in the diagram represent the existing bolt pattern of a customer's unit. The transition base is fabricated to match the height, ensuring alignment of the low-speed shaft to the machine shaft.



Drop-In

Match existing unit's critical dimensions

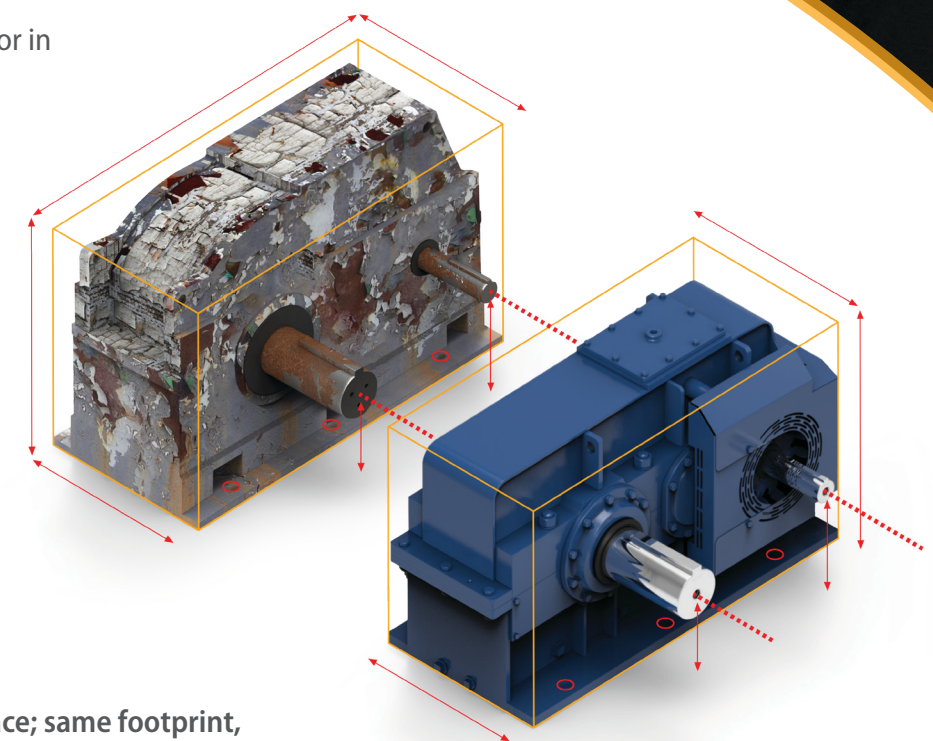
With downtime being such a critical factor in your operation, let us install one of our custom drop-in units.

Installation-ready units are designed specifically to drop-in to existing applications with ease. Our expert engineers understand that on-site modifications or re-engineering your system is not always an option.

These stress-free units can have your application back up and running in no time. We offer fabricated steel housings, custom baseplates, custom gearing and shafting and more!

This product will literally drop-in to place; same footprint, same shaft positions!

Available in Full or Partial drop-in solutions!



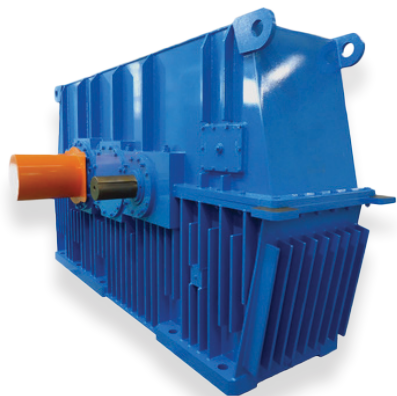
A solution to a dynamic of challenges

Reliable, Durable and Efficient Gearboxes Long life cycle & Low maintenance

Drop-in Benefits

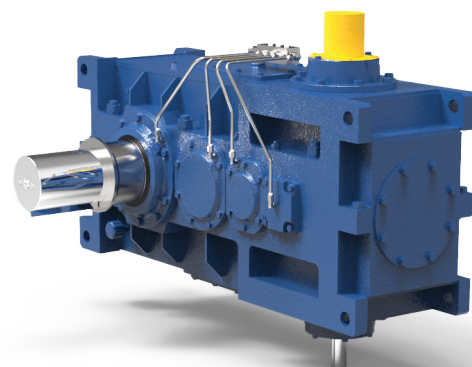
Customizable and interchangeable replacements fuels our drive to provide worldwide support to reach your gearbox needs anywhere and anytime in the world.

- Solution for obsolete and unsupported models
- Solution for existing model issues (eg. overheating, oil leaks, ratio change, gear upgrades etc)
- Latest gear technology for longer lasting performance
- No modifications needed
- Quick turn-around time for replacements
- Increased efficiency
- Minimised Maintenance time
- SmartDrive Technology Integrable: future-proof
- Engineering excellence



Specialty Units

For non-standard gearing and custom ratios, we offer special customized units to fit in any application. From custom paint to intricate gearbox lubrication systems, our team of engineers will make sure all of your custom gearbox needs are met.



Paramax® Features

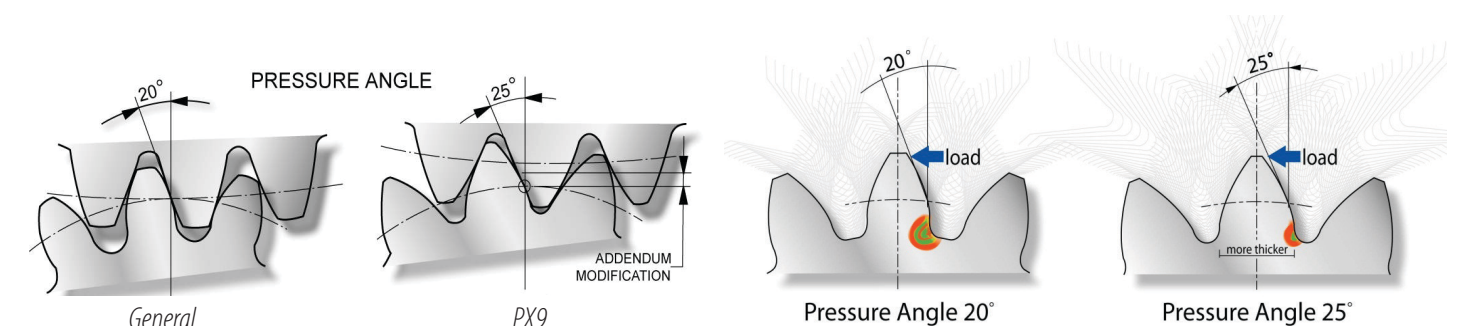
One of our best sellers and a common go to drop-in product is our Paramax® industrial gearboxes. This durable and large power transmission system comes in medium to large-sized bevel and helical combinations with:

- Single, double, triple and quadruple reduction available
- Global Standardization
- Versatility to meet your specific needs

Mounting Options:	Horizontal, Vertical and Upright mounting
Ratio Range:	1.25 - 500
Shaft Arrangement:	Parallel, Right-Angle
Power Range:	3.7kW - 3729kW
Torque Range:	2600 - 740,000Nm



- AGMA Gearing Standard



- High radius of curvature, lower contact stress
- Increased root thickness, >25° Operation pressure angle
- High profile shifted tooth form, higher bending capacity

Drop-in Solutions (Before & After)

Overland Conveyor (Paramax® Full drop-in)



Original gearbox SF 1.52 (Cap. 1219hp), Weight: 5765kg Triple Reduction, Motor Pump without fan



Drop-in gearbox SF 2.24 (Cap. 1792hp), Weight: 4859kg Double Reduction, Shaft Pump with one cooling fan

Crane (Paramax® Full drop-in)

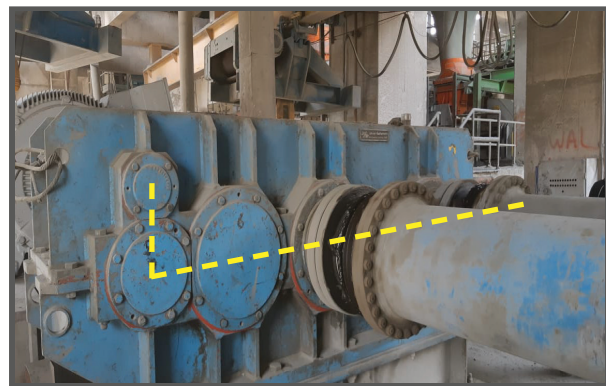


Original obsolete main hoist Gearbox (in Orange)



Replaced by Sumitomo YHD150P3A-BB-40.017 drop-in gearbox with 100% matching mounting dimension and excellent on-site support

Roller Press (Seisa Full drop-in)



Original gearbox was damaged, with no local representatives to support/repair



Drop-in gearbox with oversized gears and pinions (offset gear arrangement) that followed existing dimensions of mounting and shaft. Significant increase in gearbox mechanical rating

Paper Mill (Paramax® Partial drop-in)



Original Worm Gear overheated and was prone to oil leaks causing issues for maintenance.



Replacement of our Paramax Right Angle, equipped with Double Reduction with fan, <60C max operating temperature with new baseplate.

Other Applications

Our various drop-in track record across all types of applications proves a plathora of benefits and value of our experience in this solution.

No matter which application your gearbox is for, our drop-in option covers all!



Kiln



Reclaimer



Cooling Tower



Boom Conveyor



Paper Mill

And may others!