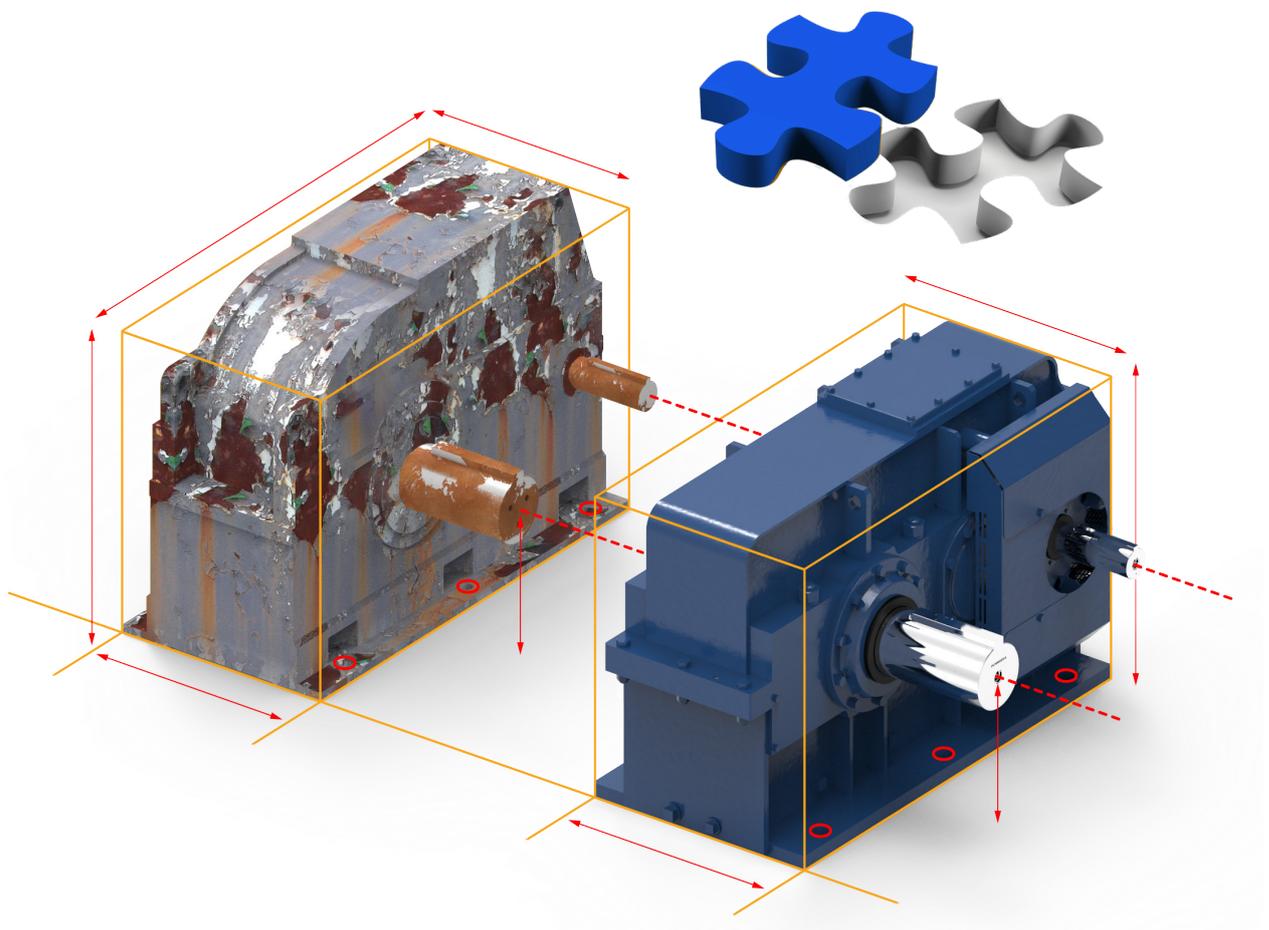
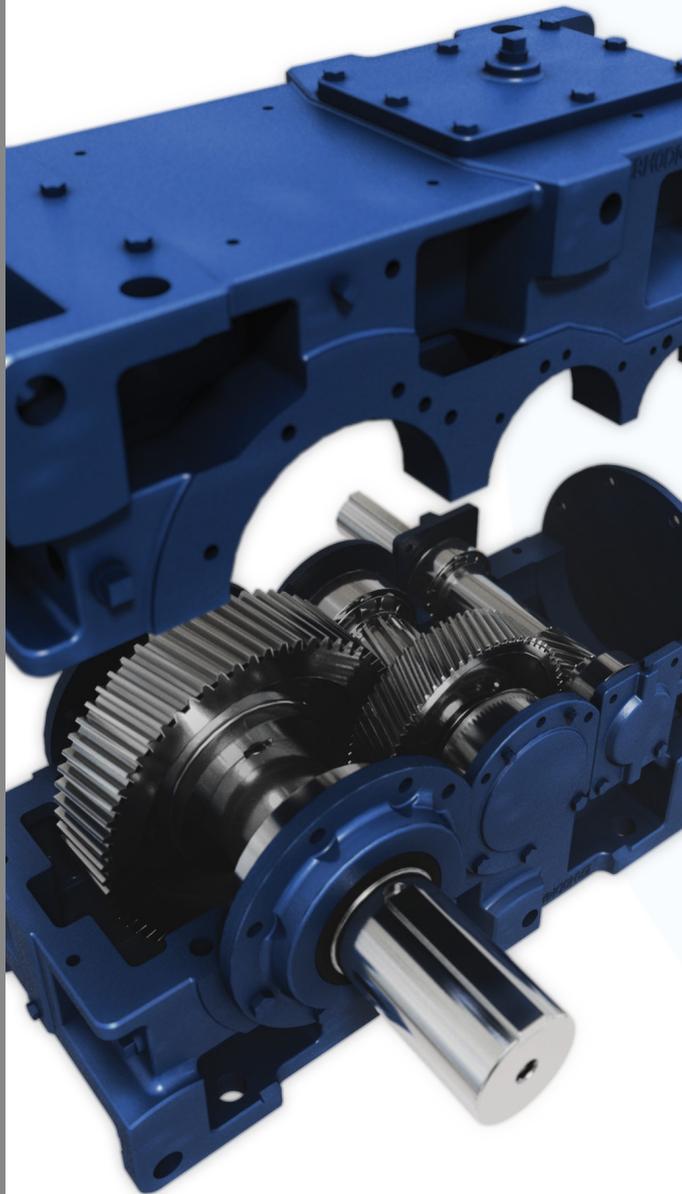


## Custom Drop-In Gearboxes

Perfect fit for any replacement



***Reliable, Durable and Efficient Gearboxes with  
Long Life Cycles and Low Maintenance.***



## **Drop-in**

### **We retrofit, you drop-in**

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Sumitomo offers special customised units to fit in an array of existing applications. Offering drop-in gearboxes to upgrade and replace all variations of existing units, we deliver premier performance, assured reliability and the highest quality gearboxes. Our exceptional engineering and factory capabilities are curated to support your special gearbox needs.

## Benefits

- ▶ Solution for obsolete and unsupported models
- ▶ Provide solution for existing model issues: 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 for future retrofits



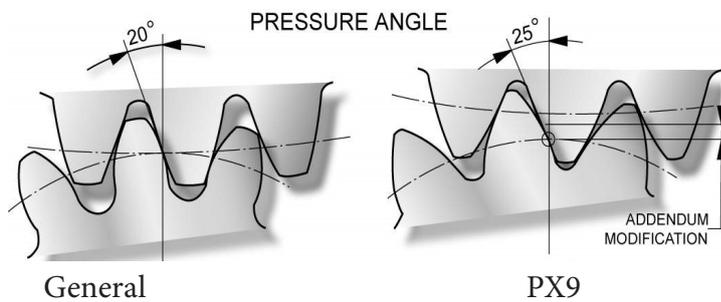
- ✓ Customizable
- ✓ Worldwide Support
- ✓ Interchangeable replacement
- ✓ Premium Performance
- ✓ Engineering Excellence

# Paramax Features

Our PARAMAX® industrial gearboxes come in medium to large-sized bevel and helical combinations, with:

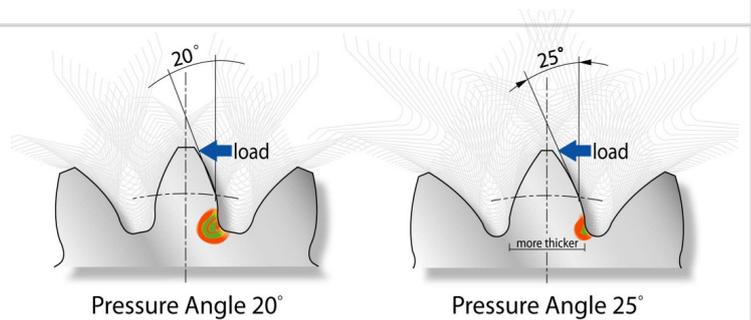
- Single, double, triple and quadruple reduction available
- Global Standardization
- Versatility to meet your specific needs

<b>Mounting Options:</b>	<b>Horizontal, Vertical and Upright mounting</b>
<b>Ratio Range:</b>	<b>1.25 - 500</b>
<b>Shaft Arrangement:</b>	<b>Parallel, Right-Angle</b>
<b>Power Range:</b>	<b>3,7 - 3729kW</b>
<b>Torque Range:</b>	<b>2600 - 740,000Nm</b>



▶ High radius of curvature, Lower contact stress

- ▶ Increased root thickness, >25° Operation Pressure Angle
- ▶ High profile shifted tooth form, Higher bending capacity



American Gear Manufacturers Association

▶ AGMA Gearing Standard

With downtime being a critical factor in your operation, let us install one of our custom drop-in gearboxes. Installation-ready units are designed specifically to drop-into existing applications with ease.

We offer both partial and full drop-in by fabricated steel housings, custom baseplates, custom gearing and shafting and lubrication & cooling solutions. This product will literally drop-in to place; same footprint, same shaft positions.

## Full Drop-in Solutions

### Original Unit

#### Overland Conveyor



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

### Drop-in Unit



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

#### Crane



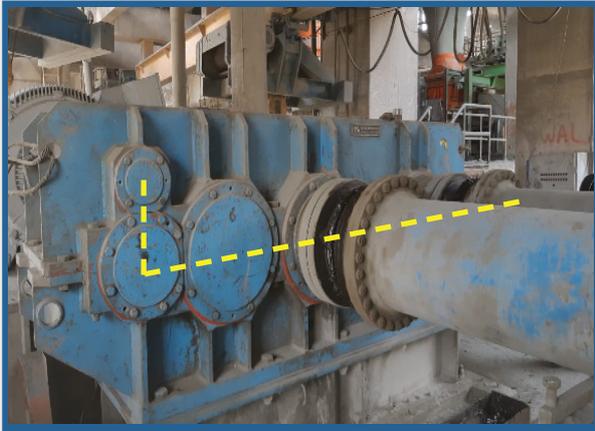
Original obsolete main hoist Gearbox (in Orange)



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

## Original Unit

### Roller Press



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

## Drop-in Unit



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.

## Partial Drop-in Solutions

## Original Unit

### Paper Mill



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

## Drop-in Unit



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

## For a variety of applications

Our drop-in options are available for various industries and all types of applications for both full drop-in or partial drop-in requirements.

## Full drop-in



Cooling Tower

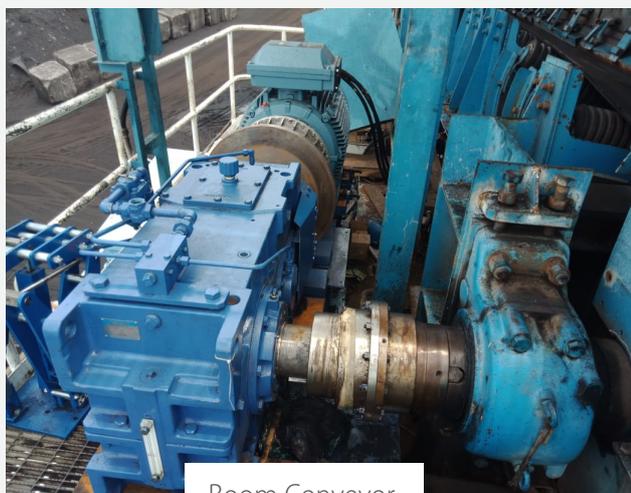


Kiln



Reclaimer

## Partial drop-in



Boom Conveyor



Paper Mill

# SEA & Australia Operations

🌐 <http://sumitomodrive.com>    ✉ [marketing@sumitomodrive.com.sg](mailto:marketing@sumitomodrive.com.sg)



## Singapore

Our Asia Pacific HQ provides Marketing, Engineering and inventory support to all subsidiaries and customers in the region. With the largest assembly and stock centre in the region, customer's requirements are efficiently attended to.

Tel: (65) 6591-7800



## Malaysia

Catered for a myriad of industry needs, our professional service personnels are available for after sales service to customers across Malaysia at Johor Bahru, Penang, Sabah and Sarawak, with a factory at Kuala Lumpur.

Tel: (60) 3-51210455



## Vietnam

With gearmotor manufacturing plant and sales office located in Hanoi while assembly and service facility in Ho Chi Minh, we provide best service and quick delivery for all Vietnam customers.

Tel: (84) 28-3766-3709



## Philippines

Strategically located at Cebu and Manila respectively, the branch aims to be close to our customers in the Philippines.

Tel: (63) 2-8584-4921

## With Satellite Service Centres



## Indonesia Cikarang Sampit

Established at Cikarang, together with our supporting service and stock centre at Sampit and sales offices in Surabaya, Medan and Balikpapan.

Tel: (62) 21-2961-2100



## Australia Glendenning Mackay

Support, Inventory, Assembly and Repair: These services are located at Glendenning (NSW) & our service dedicated factory at Mackay (QLD), with satellite operations in Brisbane, Perth, NSW Central Coast & Victoria.

Tel: (61) 2-9208-3000



## Thailand Chonburi Khon Kaen

Efficient delivery of products, spare parts and Engineering services around the Kingdom. Assembly plant located at Chonburi, Service Centre at Khon Kaen and Sales offices are located in Bangkok, Hat Yai and Nakornratchasima.

Tel: (66) 2-670-0998