



## Sumitomo Drive Technologies

Sumitomo, Hansen and Seisa. Three brands, one global power transmission solutions provider. Sumitomo Drive Technologies has facilities strategically located throughout the world, providing comprehensive products and services in your region.



Sumitomo Drive Technologies



 **Poultry**



# Why choose Sumitomo Drive Technologies for Poultry applications?

## We Know Poultry

Governing sanitation bodies such as USDA, FDA, NSF, and 3-A are recommending higher levels of bacteria control and increased sanitation measures in food and beverage handling environments. With this sanitation focus, there is an industry-wide initiative to increase the chemical concentration, water temperature, and frequency that facilities are cleaning their equipment.



From Broilers to Layers, we have the complete 360 solutions for your Farming Automation requirements.



Motor



Motor Fan



Prest Neo Application



### PN Prest Neo

- High Radial Load
- Maintenance-Free
- Grease lubricated



### IE3 Foot Mount Motor

- Designed to Last
- Simple & Robust Design
- High Efficiency

*We offer the toughest drives available to meet the harshest demands.*



### **○ Cyclo® Overhead Drive**

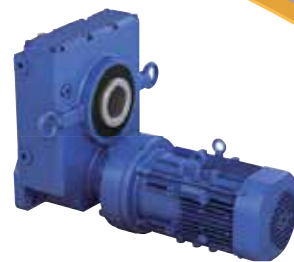
Unsurpassed by any other drive available in the market today.

- Torque dense, compact construction
- Dimensionally interchangeable with DVX drive
- C-face motor adapters accommodate washdown and stainless steel motors



### **○ Cyclo® 6000**

- Cycloidal Technology
- 500% Shock load capacity
- No Catastrophic Failure



### **HB Helical Buddybox®**

- Cycloidal Technology
- Splash Lubrication
- Modular Design



### **B4 Bevel Buddybox®**

- Optional - Taper-Grip® Bushing
- Compact Design
- Multiple Output Styles



### **H Hyponic**

- High Efficiency
- Maintenance-Free
- Large Ratio Range



# Maintaining high levels of sanitation and machine integrity can be challenging.

## The Challenge: *Paint Failure*

Facilities are operating longer hours and under harsh conditions to keep up with the demand from consumers.

Given this greater focus, it is critical that the equipment utilized within a poultry processing facility is capable of withstanding long-term exposure without negatively impacting the performance or condition of the equipment.



### *Equipment Problems:*

- Paint chips due to caustic environment
- Compromised integrity leads to downtime
- Vulnerability to other environmental elements
- Sub-standard lubrication
- Water exposure during washdowns
- Non-food grade motor options

### Hatchery



C H

Waste Conveyor

### Receiving



C H B4 O

Supply Conveyor  
Overhead Conveyor

### Slaughter



C B4 O

Picking Conveyor  
Overhead Conveyor

### Scald



O

Overhead

# We provide a complete package to protect your units from caustic environments.



## Sumitomo Problem Solvers:

- Resistance to cleaning and sanitation compounds
- Longer product life and less unscheduled downtime
- Complete protection from dust, dirt, oils, and non-corrosives
- NSF H1 food grade lubricant, FDA 21 CFR compliant
- Food grade sealing solutions
- All stainless steel, totally enclosed motor

ing

Defeathering

Evisceration

By-Product  
Recovery



C H B4 O

C O

C H B4 HB PX

Conveyor

Defeathering  
Overhead Conveyor

Evisceration Line  
Overhead Conveyor

Grinder  
Conveyor



*We meet the challenges that the poultry industry faces every day.*

## **The Challenge: *Inefficiency***

Poultry consumption continues to rise, driving up overall industry demand. Facilities are noticing more stress on their processors and machinery. With this increased demand, facility downtime would prove to be costly and harmful to employees and consumers. Your power transmission drives must deliver the highest level of reliability at the lowest possible life-cycle cost.

### *Inefficient / Outdated Equipment Problems:*

- Low efficiency
- Oil leakage
- Difficult to obtain parts / spare units
- Frequent breakdowns
- Frequent maintenance and repairs
- Complex power trains



**Feed Bin**



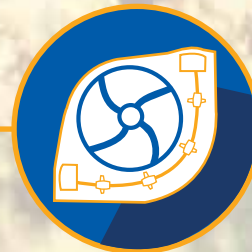
PN C

**Pan Feeder**



PN

**Chain Conveyor**



PN C

**Transport**



PN

# Sumitomo has the reliable solutions to meet any demand.

## The Solution: Reliability

We manufacture a comprehensive lineup of speed reducers and gearmotors specifically designed to meet the needs of service in the poultry industry. With more than 50 years of experience, Sumitomo Drive Technologies can provide highly efficient, dependable solutions for the most difficult applications. Using our expertise, we have products suited for your industry's needs to deliver high quality poultry to consumers.



### Sumitomo Problem Solvers:

- High efficiency
- Optional grease lubrication
- Optional food grade lubricants
- Compact, space saving designs
- Minimized facility downtime
- Drop-in replacement capabilities

System

Water Nipple system

Mechanical Laying Nest

Ventilation Fan



C

PN

H

IE3



# Our factory capabilities support all of your gearbox needs.

## Field Services

*For Your Convenience*

Most of the services offered and customized training can be performed on location.

## Root Cause Investigation

*Product Support*

Apply a wide range of approaches, tools and techniques to uncover the causes of your problems.

## Commissioning & Start-Up Services

*The Key to Long Life*

Our commissioning and start-up services ensure that your gearbox is deemed ready for service.

## Product Support Group

### Repairs

*Scheduled & Emergency Repair*

Repair services for all your related gearbox needs and 24-72 hour turnaround to the original factory specifications and warranty using Sumitomo-manufactured parts.

*Extended warranty programs are available upon request.*

Before



After



### Inspection Reports

*Data*

Professional, industry leading inspection reports detail findings, and highlight repairs required to return your gearbox to like new condition.

Contact us for more information:

*phone: (65) 6591 7800*

*email: [marketing@sumitomodrive.com.sg](mailto:marketing@sumitomodrive.com.sg)*

*Our team of engineers creates custom solutions and a variety of drop-in units.*

## **Special and Drop-In Units**

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### **Special Units** ★

*Custom Needs Require Custom Service*

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

With the right information, Sumitomo has the capability to meet all of your gearbox needs.

### **Drop-Ins** ↓

*We Retrofit, You Drop-In*

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Sumitomo offers special customized units to fit in an array of existing applications. Additionally, Sumitomo offers drop-in gear drives to upgrade and replace obsolete units. From fabricated steel housings, to custom baseplates, Sumitomo can offer installation ready units that reduce your downtime and eliminate the need to re-engineer your system.

Sumitomo has exceptional engineering and factory capabilities to support you on your gearbox needs.

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*We offer a comprehensive lineup of reliable and high quality power transmissions.*



## ***Why Sumitomo?***

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### ***Our 400 Year Heritage***

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The history of the Sumitomo Group started more than 400 years ago when Masatomo Sumitomo opened a book and pharmacy store in the city of Kyoto, Japan. Today, the Sumitomo Group consists of more than 20 companies who share the Sumitomo Emblem as well as many common values and ideals.

### ***Devoted to Quality***

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In addition to one of the most comprehensive product lines of any power transmission company, we offer the most reliable and highest quality products available in the industry. Whether it's product development or manufacturing processes, our Quality culture resonates through our entire global network.

### ***Committed to our Employees and the Community***

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We recognize our employees are our most valuable asset. They are the driving force behind our innovative products, our ability to support our customers, and our commitment to continuous process improvement. We strive to be a valuable member of society and take pride in the contributions we make to our communities across Asia Pacific region.

### ***Dedicated to Innovative Manufacturing***

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With more than a century of expertise in manufacturing, our global capabilities are unmatched in the industry. We have manufacturing and assembly facilities on every continent and continue to make investments in our manufacturing technologies to maintain our position as a leader in innovation.



# Our Centers of Excellence offer customers a global support network.

## Japan

Established in 1961, this leading-edge facility is located in the heart of Aichi prefecture in Obu-City. This is considered PTC's main factory for R&D, Quality, Engineering, Testing, Manufacturing and Production for the Cyclo product family, high precision products and electric motors, as well as next generation products. The factory is both ISO 9001 and 14001 certified and covers a total area of 293,000sqm with roofed area of 90,000sqm.  
Tel: +81 3 6737 2511

## Singapore

Our Asia Pacific HQ in Singapore provides marketing, engineering and inventory support to all subsidiaries and customers in the region. With the largest assembly and stock centre in the region, customers' requirements are attended to quickly.  
Tel: +65 6591 7800

## Australia

Our recent merger to form Sumitomo (SHI) Hansen Australia has allowed us to operate with Engineering, Service, Stock and Assembly Centres in Glendenning (NSW), with satellite operations in Melbourne, Brisbane, Central Coast and Perth.  
Tel: +61 2 9208 3000

## Philippines

With a fully equipped Cyclo Center in Manila and Sales Office in Cebu, we aim to be very close to our customers in the Philippines.  
Tel: +63 2 584 4921

## Vietnam

Our fully equipped Cyclo Centres in Ho Chi Minh and Sales facility are supported by well-trained engineers to serve the customer in diverse industries such as Food and Beverage, Cranes and Hoists, Animals and Livestock, Power and Mining, Cement and Material Handling Industries.  
Tel: +84 8 3766 3709

## Malaysia

Our new 33,000 sqft ESC facility near Kuala Lumpur is equipped to stock and assemble from small gearmotors to large gearboxes to cater to our customers in Electronics, Packaging, POM, Rubber, Material Handling and Mining Industries. Well trained service personnels are available for after-sales service to customers across Malaysia.  
Tel: +60 3 5121 0455

## China

Since entering the China market in 1994, Speed Reducers of Sumitomo business has spread all over the country. There are four factories with 35 sales offices and after-sales service centers. The Speed Reducers of Sumitomo is dedicated to providing customers with first-class products and best services, contributing to the sustainable development of the group and society.  
Tel: +86 21 3462 7877

## Indonesia

We have established a Sales, Engineering and Service Center in Cikarang (Jakarta) with stock, assembly and aftersales service support capability to cater for the growing market in the Republic.  
Tel: +62 21 2961 2100

## India

Our operations in India is expanding with Cyclo Centre in Pune, additional service center in Delhi and sales and service offices in Chennai, Bangalore, Mumbai, Calcutta and Ahmedabad.  
Tel: +91 2 06674 2900

## Thailand

This assembly plant in Chonburi serves our customers in the Kingdom with quick delivery of products, spare parts as well as repair and engineering services. Other sales offices are located in Bangkok, Hat Yai and Nakomrachsima, including Service Center in Koen Kean.  
Tel: +66 2670 0998

