

# POULTRY PROCESSING

## INDUSTRY SOLUTIONS

### ROADMAP

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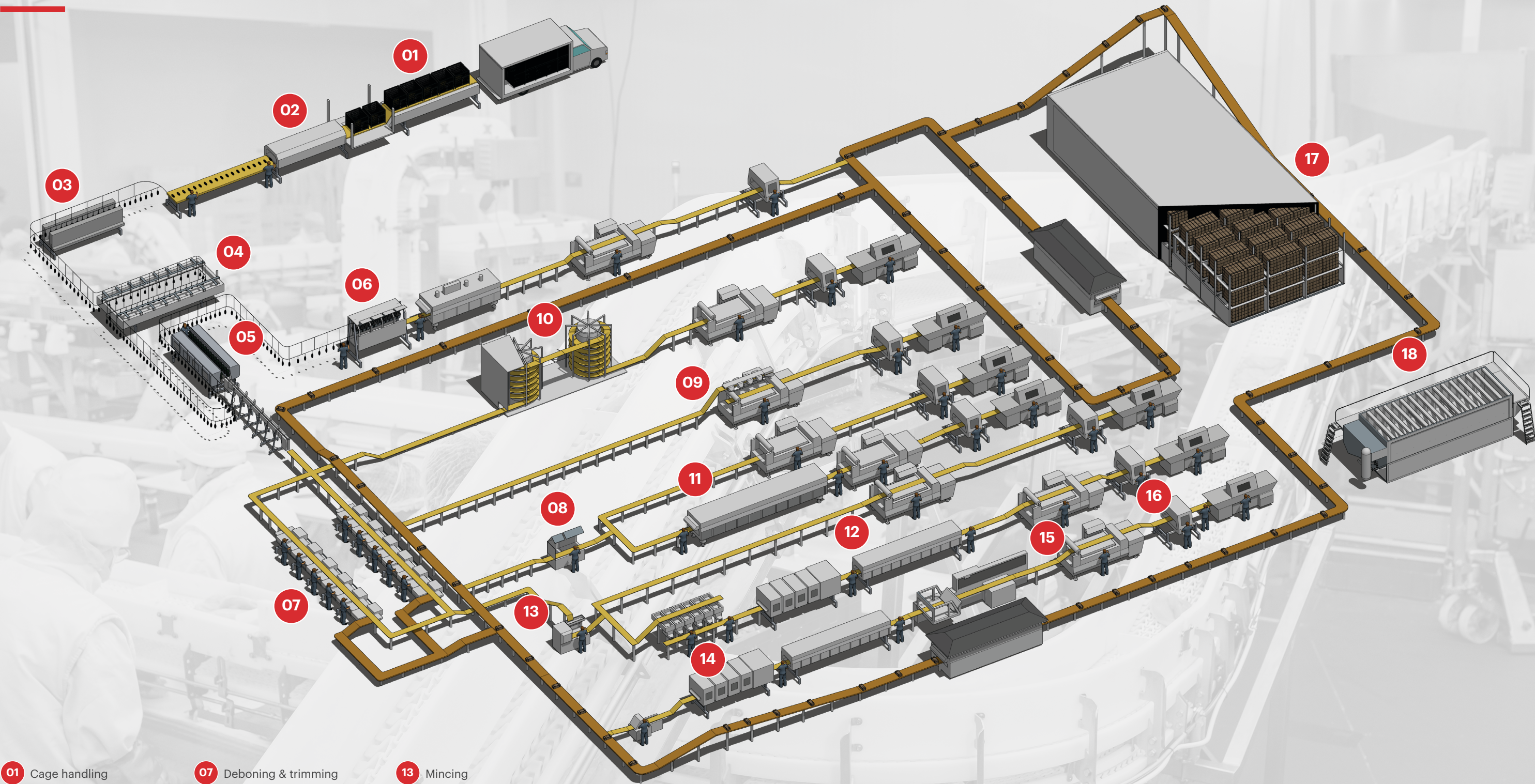
Solutions For Every Application



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# POULTRY PROCESSING ROADMAP



- 01 Cage handling
- 02 Stunning
- 03 Killing
- 04 Scalding
- 05 Feather plucker
- 06 Evisceration
- 07 Deboning & trimming
- 08 Portion cutting
- 09 Grading
- 10 Spiral freezing
- 11 Tunnel freezing
- 12 Cooling
- 13 Mincing
- 14 Oven / fryer
- 15 Packing & labeling
- 16 Metal detector
- 17 Storage & shipment
- 18 Waste water treatment (DAF)



## 01 & 02 | Cage Handling & Stunning

- Case Carrying Chain – JOHN KING
- Cylinders – SMC
- Electric Motors – WEG, TECO, WEAR STRIP
- Gearboxes – NORD, BONFIGLIOLI
- Greenlight Program – CRC
- Hose Reels – ALEMLUBE

## 03 & 04 | Killing & Scalding

- Bearings – TIMKEN
- Conveyor Chain – REXNORD
- Hose & Fittings – **POWAFIT, POWAFLEX**
- Hose Reels – ALEMLUBE
- Molded Oil Bearings – NSK

## 05 | Feather Plucking

- Belts – TIMKEN
- Double Angle V-Belts – TIMKEN, GATES
- Electric Motors – WEG, TECO, WEAR STRIP
- Gearboxes – NORD, BONFIGLIOLI
- Hose & Fittings – **POWAFIT, POWAFLEX**
- Molded Oil Bearings – NSK
- Quickflex Couplings – TIMKEN

## 06 | Evisceration

- Conveyor Chain – REXNORD
- Gearboxes – NORD, BONFIGLIOLI
- Lubricants – SHELL
- Molded Oil Bearings – NSK
- Nylon Attachments
- Quickflex Couplings – TIMKEN
- Sprockets

## 07 | Deboning & Trimming

- Air Service Units – SMC
- Cylinders – SMC
- Gearboxes – NORD, BONFIGLIOLI
- Lubricants – MOLYKOTE
- Molded Oil Bearings – NSK
- Nylon Wear Strip
- Polyround Bearings – TIMKEN
- Tube & Fittings – SMC
- Valves – SMC

## 08 & 09 | Portion Cutting & Grading

- Air Service Units – SMC
- Automatic Lubricators
- Cylinders – SMC
- Greenlight Program – CRC
- Hose & Fittings – **POWAFIT, POWAFLEX**
- Modular Belt – REXNORD
- Nylon Wear Strips
- Table Top Chain – REXNORD
- Tube & Fittings – SMC
- Valves – SMC

## 10 | Spiral Freezing

- Automatic Lubricators
- Bearings – TIMKEN
- Gearboxes – NORD, BONFIGLIOLI
- Lubricants – MOLYKOTE
- Morse Thrust Bearings
- Wear Guides & Strips

## 11 | Tunnel Freezing

- Electric Motors – TECO
- Gearboxes – NORD, BONFIGLIOLI
- Greenlight Program – CRC
- Molded Oil Bearings – NSK
- Polyround Bearings – TIMKEN
- Roller Chain
- Sprockets – **FENNER**
- V-Belts & Pulleys – GATES, TIMKEN

## 12 | Cooling

- Chain
- Electric Motors – WEG, TECO, WEAR STRIP
- Gearboxes – NORD, BONFIGLIOLI
- Greases – MOLYKOTE
- Polyround Bearings – TIMKEN
- Sprockets – **FENNER**
- V-Belts & Pulleys – GATES, TIMKEN

## 13 | Mincing

- Chain – DIAMOND
- Couplings – **FENNER**
- Gearboxes – NORD, BONFIGLIOLI
- Greases – Rocol
- Hose & Fittings – **POWAFIT, POWAFLEX**
- Sprockets – **FENNER**

## 14 | Oven / Fryer

- Bearings
- Chain – RENOLD
- Engineered Plastics
- Polyround Bearings – TIMKEN
- Quickflex Couplings – TIMKEN
- Sprockets – **FENNER**

## 15 | Packing & Labeling

- Air Service Units – SMC
- Automatic Lubricators – ALEMLUBE
- Bearings – SCHAEFFLER
- Belts – GATES
- Chain – DIAMOND, REXNORD
- Cylinders – SMC
- Greenlight Program – CRC
- Solenoid Valve – SMC
- Sprockets – **FENNER**

## 16 | Metal Detector

- Chain – REXNORD
- MDX Seals & O-Rings

## 17 | Storage & Shipment

- Belts – GATES
- Lubricants – MOLYKOTE

## 18 | Waste Water Treatment (DAF)

- Conveyor Chain – REXNORD
- Gearboxes – NORD, BONFIGLIOLI
- Nylon Attachments
- Quickflex Couplings – TIMKEN
- Sprockets – **FENNER**

# PROBLEM SOLVERS



## Alemlube Singlepoint Lubricators

Cost effective, easy to install and simple to operate. Multiple available dispensing periods. Convenient for use in confined or hard to get to spaces.

### Leading Questions

- What lubrication programs do you have?
- Is regular and correct lubrication processes important?
- Would you be interested in a cost-effective automated process?



## Timken Food & Beverage Bearing Range

USDA-accepted Poly-round® bearings are made from high-performance polymers—greaseless, no rolling elements, corrosion-resistant designs to promote food safety and improve reliability.

### Leading Questions

- Are you regularly replacing high temperature bearings on your fryers?
- Do you have bearings operating in freezer applications?
- Would it be of help if we could provide you with a bearing that didn't require any ongoing lubrication or maintenance?



## CRC Greenlight Program

Provides Poultry Processing companies with an audit compliant system for use and management of their lubrication and chemical needs. NSF H1 and HACCP approved maintenance products including aerosols and bulk.

### Leading Questions

- Do you have a food grade lubrication program in place?
- Is it meeting the highest level of regulatory compliance?
- Did you know we can maintain your MSDS library for you?



## John King CC600 Case Carrying Chain

A quiet running, rugged and virtually maintenance free (no need for lubrication) acetal case chain offering maximum hygiene advantage and good chemical resistance.

### Leading Questions

- Are you constantly replacing worn sections of your acetal conveyor chains?
- Does your current chain have a robust 11mm pin diameter?
- Did you know that we offer a variety of push tab attachments common to the poultry processing market?

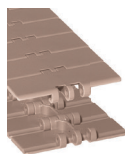


## Nord NSD TupH Gearboxes

A gearbox for extreme environment conditions with the resistance of stainless steel and an outstanding price/performance ratio.

### Leading Questions

- Do you experience rust spots and paint flaking on your gearboxes due to the constant chemical wash downs?
- Would you like to experience longer gearbox life on your Plucker motor drives?
- Did you know we can supply you with a gearbox which has the characteristics of stainless steel with the high price?



## Rexnord TableTop Chain

Rexnord Table Top chains offer high strength and high speed along with SS for special applications such as Poultry Conveyors and Crate Wash areas. Magnetised Bend options are also available.

### Leading Questions

- Would you like to be able to standardise on a table top chain through-out your plant?
- Did you know Rexnord makes the largest range of Table Top chains in the world?
- Would you like to extend the maintenance intervals of your in-plant conveyors?

## Service & Engineering

- Repair & Refurbishment
- Manufacture & Assemble
- Design & Analysis
- Assessment & Review
- Site Services
- Turn Key Solutions



## NSK Molded Oil Bearings

Perfect for applications where bearings are exposed to regular water or chemical washdowns or for those difficult to get to locations. Requires no ongoing lubrication.

### Leading Questions

- Where are you having frequent bearing failures?
- Are your bearings subject to regular chemical washdown?
- Is chemical/water ingress into bearings a problem for you?



## Rocol Foodlube Range

Provides Poultry Processors with an audit compliant system for use and management of their lubrication and chemical needs. NSF H1 and HACCP approved.

### Leading Questions

- Did you know that we can provide plant lubrication surveys?
- Do you experience lubrication problems with low temperatures in your freezers?




## Gates Poly Chain® GT® Carbon™

Unlike rubber synchronous belts the unique construction of Poly Chain® GT™ Carbon™ belts allow them to easily cope with wet or washdown applications and environments.

### Leading Questions

- Where would you like to improve drive efficiencies and decrease chain drive lubrication and maintenance?
- Are your bin lifters experiencing roller chain corrosion and require regular change-outs?
- Did you know that Gates PolyChain Carbon Belts require no ongoing maintenance?





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