

# **Solutions for Food & Beverage Processing**

Food & Beverage









### Food & Beverage







**Grain Handling & Milling** 

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Fruit & Beverage Processing

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## The widest range of solutions for Food & Beverage processing and machinery

Within the Food & Beverage industry, Bonfiglioli offers a diverse range of solutions for all types of applications. We have decades of experience in developing customized solutions for the most challenging applications around the world and incomparable expertise in typical Food & Beverage processing applications.

Some of the biggest product lines and most advanced applications in the world are powered by at least one Bonfiglioli solution, final drive, gearbox, gearmotor or inverter.

Bonfiglioli also offers specific products for hygienic, explosion-proof and enhanced protection, developed to deliver the reliability and durability typically demanded by the Food & Beverage sector.

### Bonfiglioli also provides solutions for:













PACKAGING PROCESSES



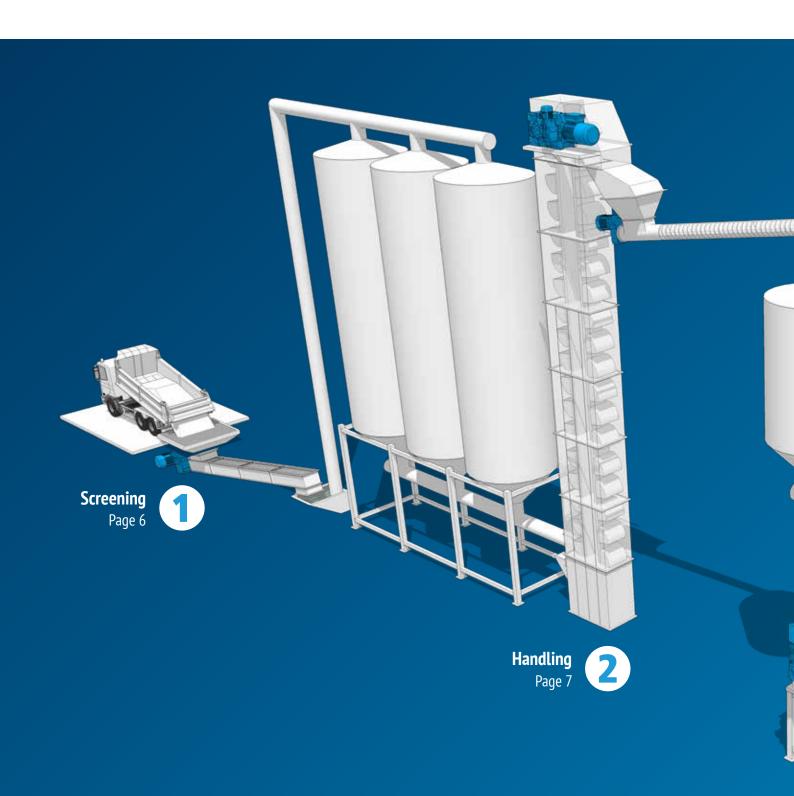
SUGAR CANE MILL PLANTS

www.bonfiglioli.com

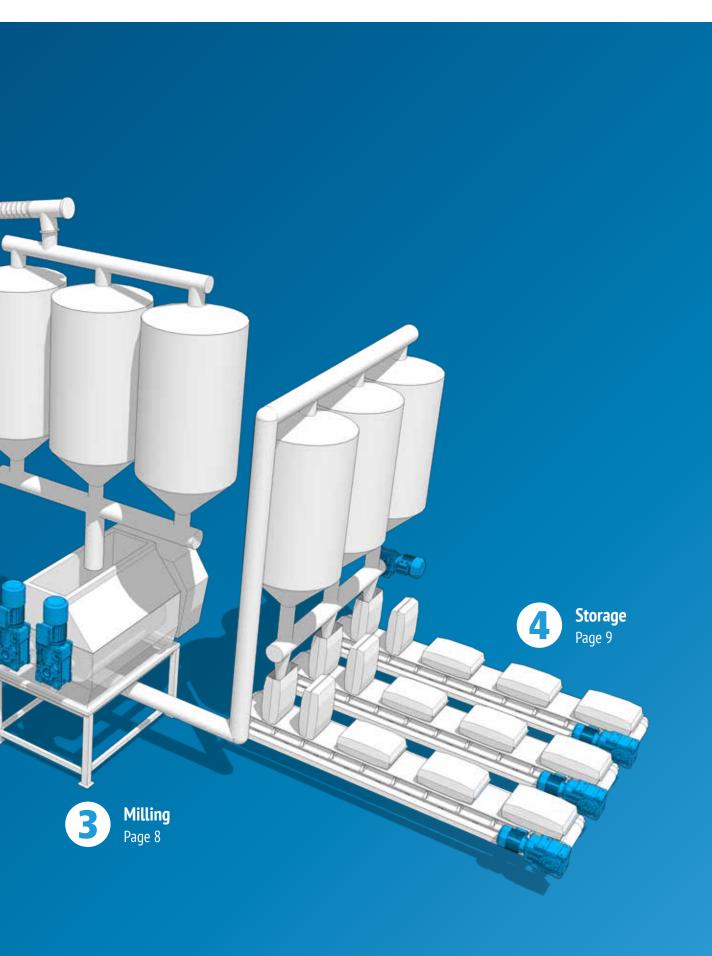
### Products for all types of food processing equipment:

- Drying and cooking machines
- Extrusion machines (Food and Pet Food)
- Freezing and chilling lines (spiral freezers, tunnel freezers, carton freezers, ...)
- Grading and sorting machines
- Grain logistic systems
- Grinding and flaking machines
- Homogenizing machines
- Milling machines
- Mixing / Stirring machines
- Presses
- Rendering systems
- Conveyors

### **Grain Handling & Milling**







### **Grain Handling & Milling**



## **Screening**Drag conveyor



Because this high-volume application is stressed continuously, we offer versatile, highly resistant, energy-efficient products that enhance production. Moreover, our gearboxes are ATEX certified, guaranteeing the highest level of protection for our customers.

### F Series | Ex

### Shaft mounted gearbox and geared motor

### **Benefits**

- Easy installation
- Quiet operation
- High torque capabilities

- ATEX-compliant gearboxes (according to Directive 2014/34/EU)
- Keyed hollow shaft with two bore options per size, or hollow shaft with shrink (metric and imperial dims)
- Backstop device
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Anti-condensation heaters and tropicalized windings
- Energy efficiency approval by DOE (USA Department of Energy) and NRCan (Natural Resources Canada)







### Handling **Bucket elevators**

Bonfiglioli's extensive expertise in this application ensures our customers a range of solutions tailored to their needs. Gearmotors with integrated base plates to simplify installation, auxiliary drives to ease machine maintenance, backstop devices to increase application safety, and elastic couplings to smooth out start/stop procedures are only a few of the benefits that Bonfiglioli products provide to customers.

### **HDO Series**

### Heavy duty gearbox and geared motor with **A Series**

### Helical bevel geared motors auxiliary drive

- Integrated solution for auxiliary and main drives
- High power capacity
- One-stop-shop for a complete drive solution
- · Extended lifetime & reliability

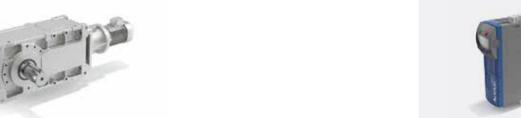
- Self engaging auxiliary drive for machine maintenance operations
- · Backstop and overrun clutch device
- ATEX compliant gearbox according to Directive 2014/34/EU
- Torque up to 210 000 Nm
- Oil level and temperature sensors, torque arm and coupling integrated self-cooling system and coupling
- Integrated forced oil lubrication option
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- Brake motors
- AC or DC brake type
- Micro-switch (control of brake operation)
- Anti-condensation heaters and tropicalized windings
- Forced ventilation with independent cooling

### **Active Cube Series** Premium inverter

#### **Benefits**

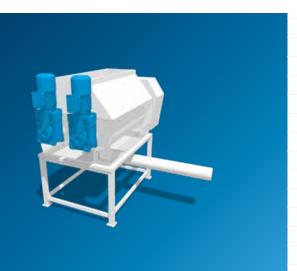
- IP54 option
- Smooth start
- Torque control
- Motor temperature monitoring

- Series optionally extendable for field bus communication and encoder evaluation
- Plug-in power terminals (up to 3kW)
- Plug-in and programmable control terminals
- DC link connection
- Integrated brake chopper
- Positioning function via field bus (Motion Control compatible to CiA DS402)
- Integrated VPLC
- · Master/slave function with electronic gear
- Power failure control
- Integrated safe torque off STO (SIL 3 / PL e) function
- Output frequency 0...599 Hz, higher frequencies on request
- Diagnosis and setup via optional keypad or PC software





### **Grain Handling & Milling**



### Milling

### Crushers, flaking & milling machines

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Bonfiglioli solutions for flaking and milling ensure smooth operation to optimize the grinding of wheat into flour. For speed control, Bonfiglioli provides a complete drive solution from the gearmotor to the inverter. Bonfiglioli drives can safely operate in dusty milling environments, and their easy maintenance reduces downtime.

### **HDO Series**

### Heavy duty gearbox and geared motor (Bevel-Helical)

#### Benefits

- One-stop-shop for complete drive solutions
- Highly transmissible power
- Extensive customization
- Quiet operations
- External cooling-system free

#### Features

- Strengthened E-motor input flange with integrated with self cooling system and coupling
- Torque range up to 210 000 Nm
- ATEX-compliant gearbox according to Directive 2014/34/EU
- Integrated forced lubrication
- Taconite seals
- Protective hollow shaft cover
- High rigidity and stiffness gear case
- Strengthened E-motor flange with integrated self-cooling and coupling
- Oil level and temperature sensors
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Thermal protection (bi-Metallic, PTC or KTY)
- Protective canopy
- Rotor balancing class A (standard) or B (available on request)



## **Agile Series**Smart inverter

#### Benefits

- Smooth start
- Feed roll control
- Low energy consumption

- Series optionally extendable for field bus communication
- Sensorless control of synchronous and asynchronous motors
- Modbus and Systembus onboard
- DC link connection
- Integrated brake chopper
- Power failure control
- Programmable PI Controller
- Integrated VPLC
- Master/slave function with electronic gear
- Integrated safe torque off STO (SIL 2 / PL d) function
- Energy Saving function
- Intelligent current limits
- Output frequency 0...599 Hz, higher frequencies on request
- Diagnosis and setup via integrated keypad and integrated Service interface for PC connection







## **Storage**Bagging machines & conveyors



Our start-to-finish conveying solutions ensure precise, reliable processes for both bagging machines and conveyors. By meeting the dynamics and control requirements of bagging machines and providing space optimization for conveyors, Bonfiglioli gearmotors can fulfill almost any customer need.

### A Series | &

### Bevel-helical geared motors

#### **Benefits**

- Compact layout
- Flexible mounting
- Modular design

#### **Features**

- ATEX-compliant gearbox (according to Directive 2014/34/EU)
- Keyed hollow shaft (metric and imperial dims)
- Taconite seals option for larger sizes
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Wide range of feedback devices (incremental and absolute encoders)
- Wide range of connectors

## **Active Series**Standard AC drive

### Benefits

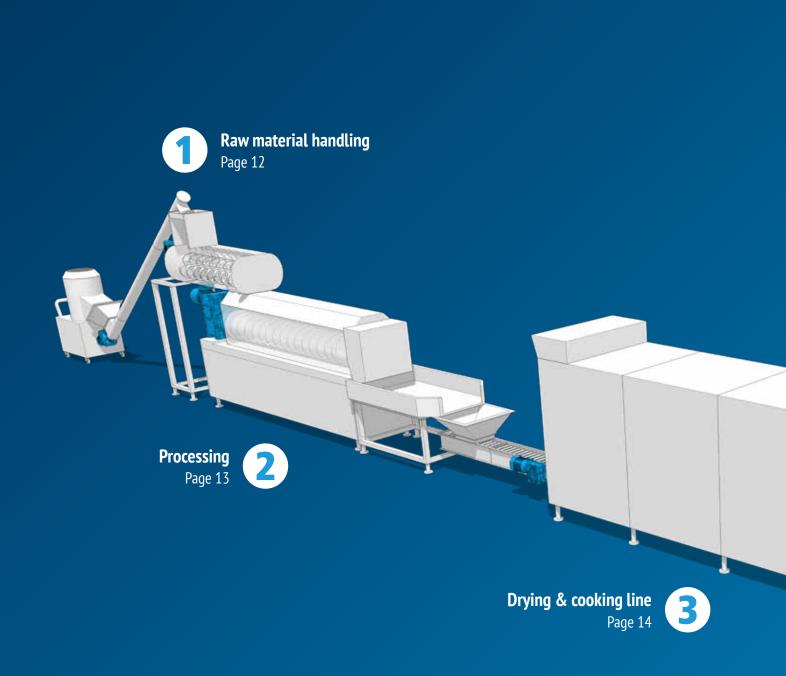
- Speed control
- Smooth start

- Motor temperature monitoring
- Main software features:
- Auto start-up and commissioning
- Auto start after power failure

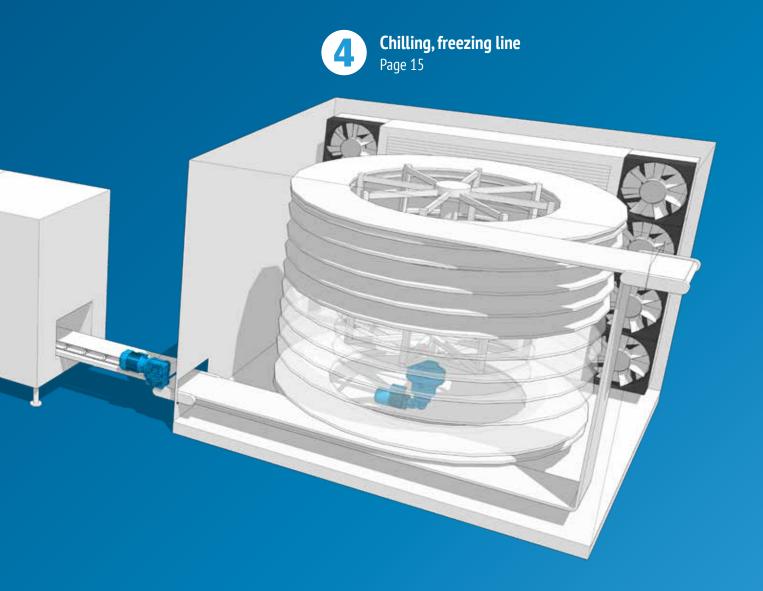




### **Food Baking**

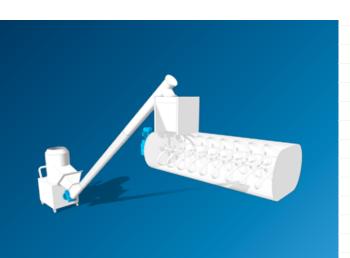






### PACKAGING PROCESS SOLUTIONS >

### **Food Baking**



### Raw material handling Feed system, conveyor, mixer



Raw material handling is the first phase of the baking process. The machines must ensure continuous operation to prevent interruption of the subsequent baking process. Bonfiglioli's raw material handling solutions meet this requirement by combining robustness, flexible assembly and cost effectiveness.

### **F** Series

### Shaft mounted gearbox and geared motor

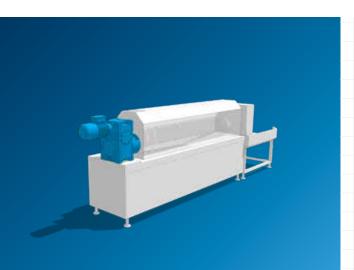
#### **Benefits**

- Easy installation
- Quiet operation
- High torque capabilities

- Keyed hollow shaft with two bore options per size, or hollow shaft with shrink disc fitting (metric and imperial dims)
- Backstop device
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Thermal protection (bi-metallic, PTC or KTY)
- Anti-condensation heaters and tropicalized windings







### Processing

### Extruder, shaping machines

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Mixing and extruding are the two fundamental stages of this particular sub-process. Bonfiglioli solutions for mixers are designed to ensure the optimal homogenization, to best meet the needs of our customers. Furthermore, Bonfiglioli's experience in extruders and molding machines ensures efficiency and reliability, helping yield uniform, quality products at all stages of the process.

### **HDPE Series**

### Heavy duty gearbox and geared motor

#### Benefits

- Reliable and specific design solution for single-screw extrusion machines
- Easy machine integration thanks to universal mounting gearbox case
- Customized extruder screw interface dimensions

#### **Features**

- Specific heavy duty thrust bearing sourced exclusively from primary brands
- Robust nodular cast iron gear case suitable for high load capability
- Wide range of cooling system options (external & internal)
- Lubrication shared between gearbox casing and screw box
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Thermal protection (bi-metallic, PTC or KTY)
- Anti-condensation heaters and tropicalized windings

## Active Cube Series Premium inverter

#### Benefits

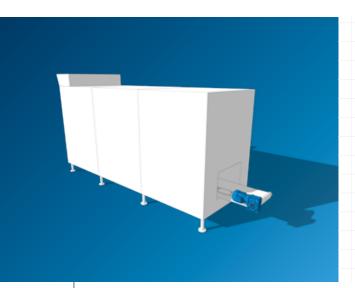
- Soft start
- Positioning mode

- Series optionally extendable for field bus communication and encoder evaluation
- Plug-in power terminals (up to 3kW)
- Plug-in and programmable control terminals
- DC link connection
- Integrated brake chopper
- Positioning function via field bus (Motion Control compatible to CiA DS402)
- Integrated VPLC
- Master/slave function with electronic gear
- Power failure control
- Integrated safe torque off STO (SIL 3 / PL e) function
- Output frequency 0...599 Hz, higher frequencies on request
- Diagnosis and setup via optional keypad or PC software





### **Food Baking**



## **Drying & cooking line** Oven, dryer, fryer

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Bonfiglioli solutions support customers in taking their products from start to finish. Cooking and drying phases require high-quality, heat-resistant solutions specifically designed for the food & beverage industry.

Our broad portfolio enables us to supply specific products for drying and cooking lines. Advanced protection gearmotors will satisfy customers' main requirements.

### **W/EP Series**

### Worm gearbox and geared motor with enhanced protection

### **Benefits**

- Cost-effective
- Uncompromising quality
- Specially designed for food & beverage industries

- Epoxy coating (NSF & FDA approved for incidental food contact)
- AISI 316 stainless steel output shaft and stainless steel fasteners
- H1 food grade lubricant
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Thermal protection (bi-metallic, PTC or KTY)
- Anti-condensation heaters and tropicalized windings
- Insulation class F (standard) or H (available on request)
- Surface protection class C5 (according to standard UNI EN ISO 12944-2)







## **Chilling, freezing line**Spiral freezer



Compact and efficient, our solutions allow food manufacturers to freeze their products quickly, with no interruption to the manufacturing process. Bonfiglioli products allow spiral freezers to operate continuously and maximize processing uptime through high manufacturing standards. Most importantly, our gearmotors can safely operate in the extremely low temperaturesnecessary in the freezing process, and can durably withstand the demanding cleaning procedures.

### **300M Series**

### Planetary gearbox and geared motor

### **Benefits**

- High shock load resistance
- Compact design
- One-stop-shop for complete drive solutions
- Reliable and customized solution for extreme low temperature working condition
- Wash down capability

#### Features

- 5-stage planetary bevel geared motors
- Special lubricant and oil seals for low temperature
- Water defender system for oil seals and bearings
- Shot blasting and hot zinc spraying surface treatment
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Thermal protection (bi-metallic, PTC or KTY)
- Anti-condensation heaters
- Total quality inspection certificate

## Active Cube and/or Agile Series Smart inverter

### Benefits

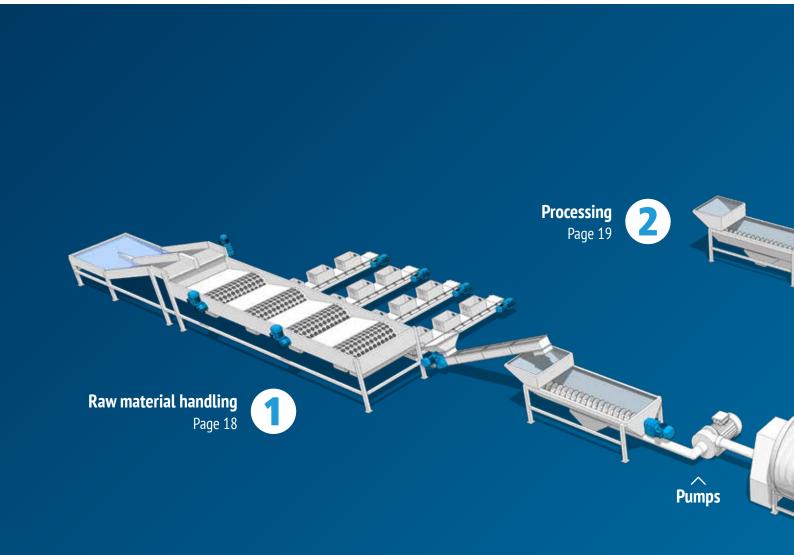
- Better control of air cooling system
- Energy efficiency

- Wide power range from 0.25 to 400 kW
- Coated PCBs
- Integrated PLC function with graphic development environment
- Torque limitation

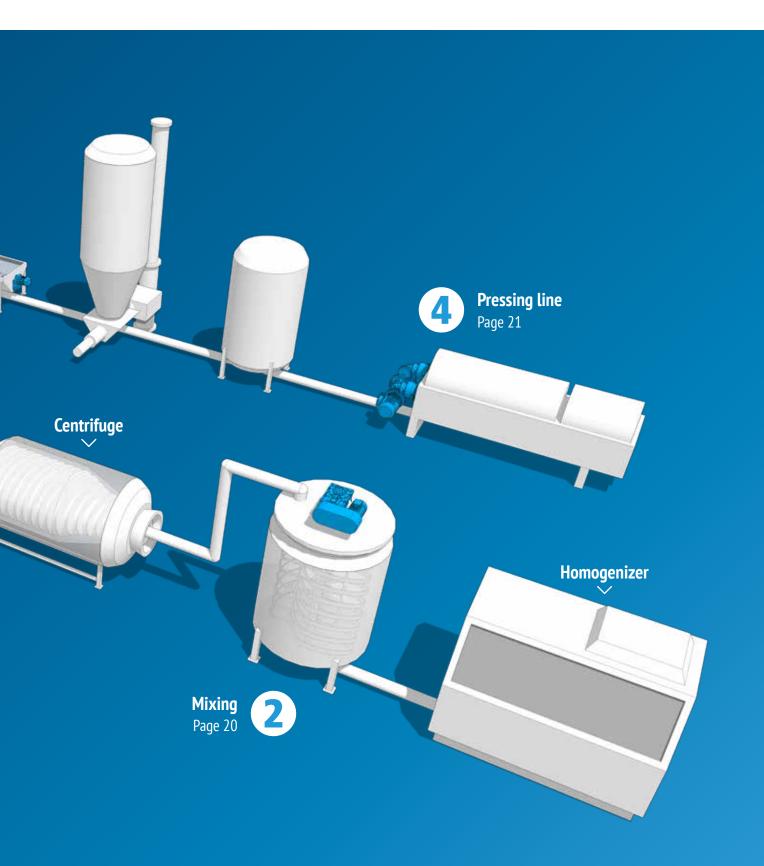




### **Fruit & Beverage Processing**







### PACKAGING PROCESS SOLUTIONS >

### **Fruit & Beverage Processing**



## Raw material handling Feeding, washing and sorting systems, conveyors

1

Feeding, washing and sorting processes require reliable, robust products designed for conveyor systems. Regardless of the type of machine used for this first handling phase, Bonfiglioli can provide solutions that perfectly meet our customers' need for dynamics, space and efficiency.

Our customers can also rely on a product line specifically conceived for applications involving frequent washing procedures and humid environments.

### **VF/EP Series**

### Worm gearbox and geared motors with enhanced protection

#### **Benefits**

- Price effective
- Uncompromising quality
- · Various mounting options, shaft configurations and motor

- Epoxy coating (NSF & FDA approved for incidental food contact)
- AISI 316 stainless steel output shaft and stainless steel fasteners
- H1 food grade lubricant
- High and premium efficiency motors (IE2, IE3)
- Rain canopy to protect motor from water
- Tropicalized windings
- Front and rear end-shield condensation drain
- Surface protection class C5 (according to standard UNI EN ISO 12944-2)







## **Processing** Crushers



The crushing phase is crucial to any fruit and beverage process. We supply gearmotors specifically designed to allow crushing systems smooth, efficient and continuous operation.

### **C Series**

### Helical in-line gearbox and geared motor

### **Benefits**

- Excellent torque density
- Ultra-compact design
- · Very wide speed range

#### **Features**

- Extensive choice of bolt-on output flanges
- Special seals set for applications in harsh environments
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Motor shaft extension
- Tropicalized windings

## **Agile Series**Smart inverter

### Benefits

- Smooth start
- Variable "cut position" for smaller particles
- Energy saving function: current consumption redirection during start phase

- Series optionally extendable for field bus communication
- Sensorless control of synchronous and asynchronous motors
- Modbus and Systembus onboard
- DC link connection
- Integrated brake chopper
- Power failure control
- Programmable PI Controller
- Integrated VPLC
- Master/slave function with electronic gear
- Integrated safe torque off STO (SIL 2 / PL d) function
- Energy Saving function
- Intelligent current limits
- Output frequency 0...599 Hz, higher frequencies on request
- Diagnosis and setup via integrated keypad and integrated Service interface for PC connection





### Fruit & Beverage Processing



## **Mixing**Mixer, kneader



Bonfiglioli solutions are suitable for both liquid and solid mixing. Mixing applications involve a tough work cycle. To ensure process continuity, the drive's reliability must be extremely high. To achieve this, solutions from Bonfiglioli feature special seals, surface protection and bearings. The seals prevent contamination and protect the gearmotors from aggressive agents, while the surface protection and bearings extend the gearmotor's life.

## **HD Series**Heavy duty gearbox

#### Benefits

- Solution co-engineered with customer
- Enhanced oil leak protection
- High radial & axial load on output shaft
- Extended reliability and lifetime
- Quiet operation
- · High torque capability

#### Feature

- Reinforced bearing and extended span on output shaft
- Integrated forced oil lubrication
- Back stop device option
- Drywell option
- High and premium efficiency motors (IE2, IE3)
- Insulation class F (standard) or H (available on request)
- Thermal protection (bi-metallic, PTC or KTY)

## **Active Cube Series**Premium inverter

### Benefits

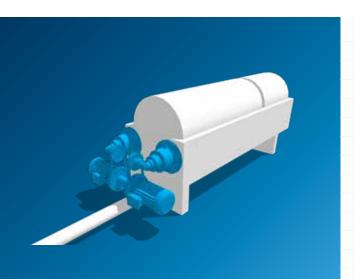
- Smooth start
- Torque control
- Motor temperature monitoring

- Series optionally extendable for field bus communication and encoder evaluation
- Plug-in power terminals (up to 3kW)
- Plug-in and programmable control terminals
- DC link connection
- Integrated brake chopper
- Positioning function via field bus (Motion Control compatible to CiA DS402)
- Integrated VPLC
- Master/slave function with electronic gear
- Power failure control
- Integrated safe torque off STO (SIL 3 / PL e) function
- Output frequency 0...599 Hz, higher frequencies on request
- Diagnosis and setup via optional keypad or PC software









## **Pressing line** Extraction, squeezing



During pressing, material must be slowly compressed to remove excess water. One key aspect of this application is therefore the pressing speed. Bonfiglioli products' modularity allows customers to find the right extraction speed for all their applications.

### **300M Series**

### Planetary gearbox and geared motor

#### **Benefits**

- High shock load capability
- Modular design
- Flexible drive layout and mounting

- In-line or right angle layout solution
- Shock load up to 2,000,000 Nm
- Surface protection class C3, C4 and C5 (according to standard UNI EN ISO 12944-2)
- High and premium efficiency motors (IE2, IE3)
- Protection rating up to IP56
- Thermal protection (bi-metallic, PTC or KTY)
- Tropicalized windings



## SERVO

### **Complete solutions for Power Transmission & Automation**







### **Gearboxes & Geared motors**

### Heavy duty parallel/right angle shaft geared motors HDP/HDO Series

**Torque range:** 13 to 7,100 Nm **Gear ratios:** 7 to 10,000

Planetary geared motors | 300 Series

**Torque range:** 1,250 to 1,287,000 Nm **Gear ratios:** 3.4 to 5,234

### **Motors**

### Asynchronous IEC Motor | BN, BE, BX Series Asynchronous Compact Motors | MN, ME, MX Series

A complete range of AC motors, meeting worldwide MEPS (e.g. IE3)  $\bf Power\ range:\ 0.06\ to\ 355\ kW$ 

**Poles:** from 2 to 8 and multiple poles

IE3

IE3

IE4

### Worm geared motors | W/VF Series

**Torque range:** 13 to 7,100 Nm **Gear ratios:** 7 to 10,000

Helical geared motors | C Series

**Torque range:** 45 to 12,000 Nm **Gear ratios:** 2.6 to 1,481

Bevel-helical geared motors | A Series

**Torque range:** 100 to 14,000 Nm **Gear ratios:** 5.4 to 1,715

Shaft-mounted geared motors | F Series

**Torque range:** 140 to 14,000 Nm **Gear ratios:** 6.4 to 2,099

### Asynchronous motors | BN, BE, BX, M, ME, MX Series

A complete range of AC motors, meeting worldwide MEPS (e.g. IE3)

Power range: 0.06 to 355 kW
Poles: from 2 to 8 and multiple poles

Synchronous motors | BMD Series

Stall torque: 0.85 to 60 Nm Rated speed: from 1,600 to 6,000 min<sup>-1</sup> Power supply: 230,400 VAC

### Synchronous reluctance motor | BSR Series

Two different versions for different needs: High efficiency IE4 and

high output

Power range: 0.37 to 18.5 kW

### Synchronous motors | BMD, BCR Series

Stall torque BMD: 0.85 to 60 Nm Stall torque BCR: 0.2 to 115 Nm

Rated speed BMD: from 1,600 to 6,000 min<sup>-1</sup> Rated speed BCR: from 2,000 to 4,500 min<sup>-1</sup>

Power supply: 230, 400 VAC

### Synchronous motors with integrated drives | iBMD Series

Stall Torque: 2.7 to 36 Nm Rated speed: 3,000 min<sup>-1</sup> Power supply: 560 VDC

### Precision planetary servo geared motors TO, TOK, TOF, TR, MP, LC, LCK, SL, KR Series

Torque range: up to 1,000 Nm Gear ratios: up to 1,000

Backlash: lower than 2 and 17 arcmin



Cabinet solution | Active Cube 8 IP 54

Power range: 200 up to 1,200 kW Voltage: 400 V, 525V, 690V

**Inverters** 

Premium inverter | Active Cube Series

**ACU210:** 0,25 - 9,2 kW / 1- or 3-phase | **ACU410\*:** 0,25 - 400 kW / 3-phase **ACU510\*:** 160 - 400 kW / 3-phase | **ACU610\*:** 160 - 400 kW / 3-phase

**HMI** 

Human Machine Interfaces | BMI Series

3 Display sizes 3.5", 7", 10.1" True flat front panel in IP65 High resolution 480x272 up to 1,024x600 pixels

Premium inverter | Active Cube Series

**ACU210:** 0,25 - 9,2 kW / 1- or 3-phase | **ACU410\*:** 0,25 - 400 kW / 3-phase ACU510\*: 160 - 400 kW / 3-phase | ACU610\*: 160 - 400 kW / 3-phase

Smart inverter | Agile Series

200V: 1-phase 0.12 up to 3 kW / 3-phase 0.25 up to 7.5 kW 400V: 0.25 up to 11 kW

Compact inverter | S2U Series

S2U230S--..(F) IP66: 0.2 - 2.2 kW / 1-phase

Human Machine Interfaces | BMI Series

3 Display sizes 3.5".7".10.1" True flat front panel in IP65 High resolution 480x272 up to 1,024x600 pixels

Servo inverter | ANG Series

**ANG210:** 0.25 - 9.2 kW / 1- or 3-phase | **ANG410\*:** 0.25 - 400 kW / 3-phase **ANG510\*:** 160 - 400 kW / 3-phase | **ANG610\*:** 160 - 400 kW / 3-phase

Premium inverter | Active Cube Series

**ACU210:** 0,25 - 9,2 kW / 1- or 3-phase | **ACU410\*:** 0,25 - 400 kW / 3-phase **ACU510\*:** 160 - 400 kW / 3-phase | **ACU610\*:** 160 - 400 kW / 3-phase

Smart inverter | Agile Series

**202V:** 0.12 - 3 kW / 1-phase | 0.25 - 7.5 kW / 3-phase

**402V:** 0.25 - 11 kW / 3-phase

Human Machine Interfaces | BMI Series

3 Display sizes 3.5", 7", 10.1" True flat front panel in IP65 High resolution 480x272 up to 1,024x600 pixels

<sup>\*</sup> up to 1200 kW with parallel connection

### **Research & Development**



Bonfiglioli's global research and development create breakthrough solutions that integrate the most advanced mechanical, electrical and hydraulic technologies. They meet the most demanding application requirements and support our customers' growth.

More than 200 employees around the world are involved in the group's research and development.





### We support our customers' projects from beginning to end.

At Bonfiglioli, we believe that product development relies on passion, efficient processes, and the ability to understand our customers' needs accurately.

First, our team identify the customer's needs after in-depth analysis drawn from our specific application expertise.

Through dedicated calculation tools, we can simulate the transmission's capabilities and performance allowing reducing development time.

The alignment phase allows us then to adapt our proposal according to key factors of performance, installation and maintenance.



### The test centers at Bonfiglioli

Bonfiglioli's test laboratories support the various phases of the product life cycle, including development, certification and the production of solutions developed and manufactured in our plants around the world.

Our specialists are true partners to the R&D, technical and quality departments. They help validate each Bonfiglioli product from the smallest critical component to the overall solution.

The test centers regularly conduct additional tests to ensure the product durability and confirm the specifications declared during the official approval stage.







### **Quality, Health & Safety**



Our team is wholly dedicated to continuous improvement in the quality, safety and environmental sphere, throughout the entire value chain, from the smallest supplier to the end client.

Bonfiglioli management systems are certified ISO 9001: 2015, ISO 14001: 2015 and OHSAS 18001: 2007, while our products are covered by international certifications. Responsibility, excellence and continuous improvement are the basic elements that make us the favored partner of our clients and suppliers.





### Quality

Bonfiglioli is committed to achieving the highest ethical and quality standards. These standards are documented in the Bonfiglioli Quality Management System.

Our products are intended to generate value for our customers. We are committed to designing, manufacturing and supplying effective products and services that set a benchmark for quality in the industry.

Based on defined procedures and instructions, the Bonfiglioli Quality Management System has been established not only to ensure the ongoing quality of our products and processes, but also to guarantee continuous improvement.

Bonfiglioli has also implemented a Quality Policy which sets customer focus as a primary goal. The Quality Policy is used to set and deploy goals and objectives at every level of the organization. The fulfilment of these objectives is measured on a regular basis with appropriate performance indicators.



### Health & Safety: Sustainability starts with safety

Prevention of accidents and incidents is a key element of our company's sustainable strategy and an integral part of each one of our business processes. The successful management of risks is essential for protecting our employees and assets and thereby contribute therefore strengthening.







### **Global Presence**



Bonfiglioli is a market force with a presence spanning 22 countries on 5 continents. Our organization makes the most of geographic proximity to offer complete solutions combining efficiency and competence.











### We Are a Global Company

Thanks to an international network of sales branches and closely interconnecting production plants, we can guarantee the same high standards of Bonfiglioli quality anywhere at any given time. Aware that our direct presence in local markets is the key to long-lasting success, our family includes 20 sales branches, 13 production plants and more than 500 distributors around the world.

Our organization is always close by, offering complete and efficient solutions and supporting our customers with dedicated services, such as co-engineering or after-sales assistance.







### **Bonfiglioli Worldwide Locations**

#### Australia

### Bonfiglioli Transmission (Aust.) Pty Ltd.

2, Cox Place Glendenning NSW 2761 Locked Bag 1000 Plumpton NSW 2761 Tel. +61 2 8811 8000

#### **Rrazil**

### Bonfiglioli Redutores do Brasil Ltda.

Travessa Cláudio Armando 171 - Bloco 3 - CEP 09861-730 Bairro Assunção - São Bernardo do Campo - São Paulo Tel. +55 11 4344 2322

#### China

### Bonfiglioli Drives (Shanghai) Co. Ltd.

#68, Hui-Lian Road, QingPu District, 201707 Shanghai Tel. +86 21 6700 2000

#### France

#### Bonfiglioli Transmission s.a.

14 Rue Eugène Pottier Zone Industrielle de Moimont II - 95670 Marly la Ville Tel. +33 1 34474510

#### Germany

#### **Bonfiglioli Deutschland GmbH**

Sperberweg 12 - 41468 Neuss Tel. +49 0 2131 2988 0

#### **Bonfiglioli Vectron GmbH**

Europark Fichtenhain B6 - 47807 Krefeld Tel. +49 0 2151 8396 0

### **O&K Antriebstechnik GmbH**

Ruhrallee 8-12 - 45525 Hattingen Tel. +49 0 2324 2050 1

#### India

#### Bonfiglioli Transmissions Pvt. Ltd.

Mobile, Wind

AC 7 - AC 11 Sidco Industrial Estate Thirumudivakkam Chennai - 600 044

Tel. +91 844 844 8649

Industrial

Survey No. 528/1, Perambakkam High Road Mannur Village, Sriperumbudur Taluk Chennai - 602 105

Shperumbudur Taluk Chennal - 60.

Tel. +91 844 844 8649

Industrial

Plot No.A-9/5, Phase IV MIDC Chakan, Village Nighoje Pune - 410 501

Tel. +91 844 844 8649

#### Italy

### Bonfiglioli Riduttori S.p.A.

Headquarters

Via Giovanni XXIII, 7/A - 40012 Lippo di Calderara di Reno

Tel. +39 051 647 3111

**EVO - Industrial** 

Via Bazzane, 33/A - 40012 Calderara di Reno

Tel. +39 051 6473111

Mobile, Wind

Via Enrico Mattei, 12 Z.I. Villa Selva - 47100 Forlì

Tel. +39 0543 789111

### Bonfiglioli Italia S.p.A

Via Sandro Pertini lotto 7b - 20080 Carpiano

Tel. +39 02 985081

#### Bonfiglioli Mechatronic Research S.p.A

Via Unione 49 - 38068 Rovereto Tel. +39 0464 443435/36

#### **New Zealand**

### Bonfiglioli Transmission (Aust.) Pty Ltd.

88 Hastie Avenue, Mangere Bridge, 2022 Auckland PO Box 11795, Ellerslie Tel. +64 09 634 6441

#### Singapore

#### Bonfiglioli South East Asia Pte Ltd.

8 Boon Lay Way, #04-09, 8@ Tadehub 21, Singapore 609964 Tel. +65 6268 9869

### Slovakia

### Bonfiglioli Slovakia s.r.o.

Robotnícka 2129 Považská Bystrica, 01701 Slovakia Tel. +421 42 430 75 64

### **South Africa**

#### Bonfiglioli South Africa Pty Ltd.

55 Galaxy Avenue, Linbro Business Park, Sandton, Johannesburg, 2090 South Africa Tel. +27 11 608 2030

#### Spain

#### Tecnotrans Bonfiglioli, S.A.

Pol. Ind. Zona Franca, Sector C, Calle F, nº 6 08040 Barcelona Tel. +34 93 447 84 00

#### Turkey

#### **Bonfiglioli Turkey Jsc**

Atatürk Organize Sanayi Bölgesi, 10007 Sk. No. 30 Atatürk Organize Sanayi Bölgesi, 35620 Çiğli - Izmir Tel. +90 0 232 328 22 77

#### **United Kingdom**

#### Bonfiglioli UK Ltd.

Unit 1 Calver Quay, Calver Road, Winwick Warrington, Cheshire - WA2 8UD Tel. +44 1925 852667

#### IIS

#### Bonfiglioli USA Inc.

3541 Hargrave Drive Hebron, Kentucky 41048 Tel. +1 859 334 3333

#### Vietnam

#### Bonfiglioli Vietnam Ltd.

Lot C-9D-CN My Phuoc Industrial Park 3 Ben Cat - Binh Duong Province Tel. +84 650 3577411



We have a relentless commitment to excellence, innovation and sustainability. Our team creates, distributes and services world-class power transmission and drive solutions to keep the world in motion.

### **HEADQUARTERS**

Bonfiglioli Riduttori S.p.A. Via Giovanni XXIII, 7/A 40012 Lippo di Calderara di Reno Bologna (Italy) www.bonfiglioli.com







