



# Bonfiglioli Digital Tools

SUPPORTING YOUR PROJECTS IN THE SMARTEST AND MOST  
EFFICIENT WAY



*We engineer dreams*

# Bonfiglioli Digital Tools

Thanks to a powerful set of software tools and online platforms, developed through partnerships with the main market leaders, Bonfiglioli enables its customers to engineer tailored applications in a smooth and productive way: the components' selection and sizing, as well as the design of the whole motion drive train, are made simpler and more reliable.

Always up-to-date technical data allows for accurate and optimized components' combinations, ensuring the best cost, performance and energy-efficiency trade-off in motion drive train design.

In addition, thanks to its in-depth knowledge on industrial solutions, Bonfiglioli engineering team is in any case available to assist customers in their own selection and design processes, providing high quality technical support for specific applications' developments.

|                            |   |                            |   |
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## ENHANCE YOUR ELECTRICAL DESIGN

Intense competition is putting pressure on machine builders and system integrators to deliver machines with higher throughput and reduced operating cost in shorter timeframes, leading to a significant increase in the complexity of the machine design process.

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| DOCUMENTS                                                                         | MULTILANGUAGE SUPPORT                                                             | COMMERCIAL DATA                                                                   | LOGIC DATA                                                                        | 2D/3D DATA                                                                          | PRODUCTION DATA                                                                     |

## SYSTEM DESIGN CHALLENGE

Bonfiglioli and EPLAN work together to provide efficient engineering solutions, aimed at reducing the gap between the initial concept and its development, programming and commissioning.

- **Better quality of documentation:** the EPLAN Data Portal provides users with up-to-date device data from numerous component manufacturers, saving time for manual data collection and minimizing the risks of faulty data.
- **Shorter system design times:** by including macro-information, function templates, production data and drawings, EPLAN allows users to drag and drop Bonfiglioli drawing templates into their own electrical drawings, reducing the time needed for cabinet planning.

### BONFIGLIOLI PRODUCTS AVAILABLE ON EPLAN DATA PORTAL

[www.eplan.de](http://www.eplan.de)





ACTIVE NEXT GENERATION SERIES



ACTIVE CUBE SERIES



AGILE SERIES



AXIAVERT SERIES

## SIZE COMPLETE POWER TRANSMISSION AND DRIVE SOLUTIONS

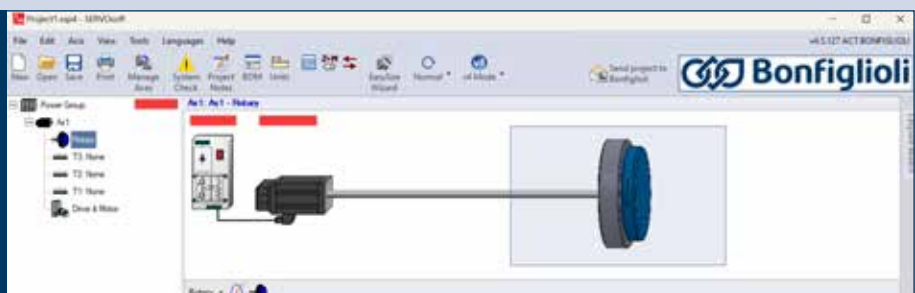
Bonfiglioli and SERVOSOFT® work together to support customers in sizing complete **multi-axis servo systems**, including motors, gearboxes and servodrives with **15 mechanisms** and **up to 50 axes** in a shared bus or standalone configuration.



## EASY MECHATRONIC SIZING TOOL FOR CUSTOMER AND CAE

With Bonfiglioli offering available on SERVOSOFT, customers are able to select, size and design their customized and high performance applications. In addition, Bonfiglioli engineering team - thanks to its in-depth knowledge of the products - uses the high level servosizing tool SERVOSOFT® to provide a top level customer support service by developing **optimized, energy-efficient and tailored** engineering solutions to meet individual needs.

**BONFIGLIOLI  
PRODUCTS  
AVAILABLE ON  
SERVOsoft®**



# SOFTWARE FOR ORDERING AND SELECTION

Bonfiglioli shop is Bonfiglioli's e-business platform created to facilitate customers purchases and product configuration. Fully integrated with the Bonfiglioli product database, it offers more flexibility to configure a solution and track orders.

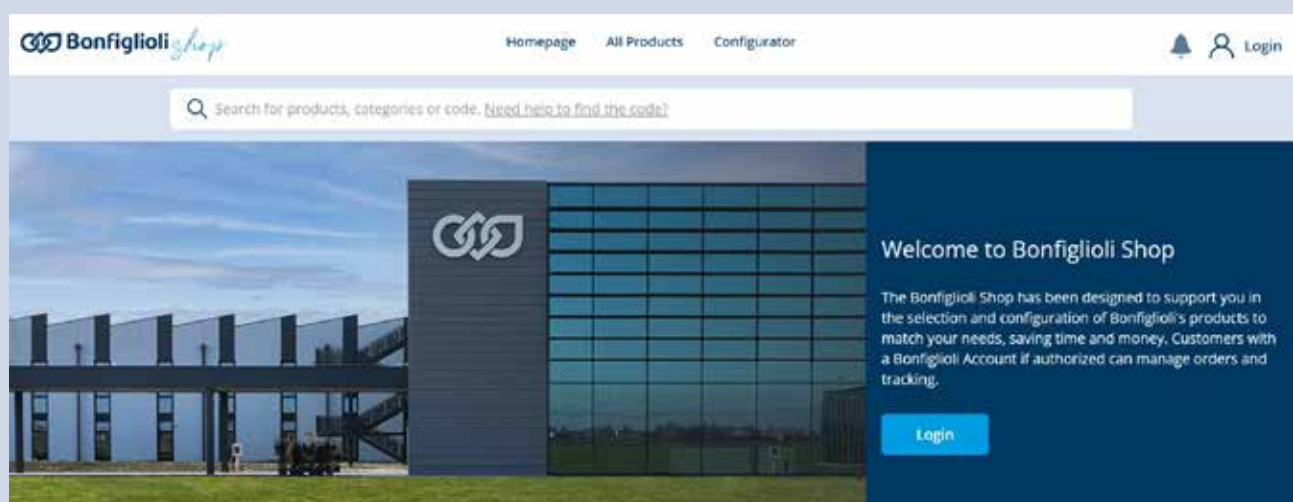


## A COMPLETE E-BUSINESS PLATFORM TO BE THE MASTER OF YOUR SOLUTIONS

Bonfiglioli shop guides customers, distributors and agents through the process of selecting the right product for their specific needs and also gives support for design activities and order management. The system greatly accelerates the product selection and ordering process and also guarantees improved security and accuracy.

Thanks to web-based technology, customers can stay connected with Bonfiglioli's technical service 24 hours a day, 365 days a year, from anywhere around the world. Registered customers have access to constantly updated technical specifications and drawings, specifically created for the exact product designation they need. This service provides users with on-line assistance to support them with:

- Configuring Bonfiglioli products
- Downloading technical datas/drawings in 3D and 2D
- Benefiting from Bonfiglioli's help during product selection



# PDS ANALYZER

## MAKE YOUR SOLUTIONS AS EFFICIENT AS POSSIBLE

Topics such as the sustainability and efficiency of industrial plants have seen an increase in interest from regulatory and legal bodies.

For this reason Bonfiglioli has started to design products and tools focused on efficiency performance. The PDS analyzer is a Bonfiglioli selection tool that allows both sales people and application engineers to choose the best drive-motor solution in terms of energy efficiency.



## DIFFERENT TECHNOLOGIES FOR DIFFERENT SUSTAINABLE AND EFFICIENT PURPOSES

PDS analyzer contains all necessary data of Bonfiglioli products to compare the motor technologies that make efficient the solution selected for the customer. By comparing induction motors with reluctance motors, it is possible to get a focus on the following information based on the application operating points:

- Annual energy (MWh) and monetary (€) savings
- Break even point with respect to investment in the most efficient solution

**Bonfiglioli** 01 Contact details 02 Product selection 03 Application report

Select a use case or define custom motor-drive solutions to compare.

**USE CASES**  
Select and edit a use case for fast product selection

**High-Efficiency Cabinet Retrofit**  
Your customer have a old machine with a low efficiency motor and cabinet drive

| Solution 1 | Solution 2      |
|------------|-----------------|
| Class IE4  | Class IE1       |
| Motor B5R  | Motor Reference |
| Drive AXV  | Drive Reference |

**New machine application**  
A new axis for a machine that needs good control

| Solution 1 | Solution 2 |
|------------|------------|
| Class IE4  | Class IE3  |
| Motor B5R  | Motor B5R  |
| Drive AXV  | Drive AXV  |

# Our worldwide presence

Thanks to an international network of closely interconnected commercial and production sites, we can guarantee the same high standards of Bonfiglioli quality anywhere at any given time. We know that our direct presence in local markets is the key to long-lasting success, so our family includes 17 production sites, 23 commercial sites and more than 550 distributors around the world.

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

18  PRODUCTION SITES

24  COMMERCIAL SITES

80  COUNTRIES

550  DISTRIBUTORS

~5,000  PEOPLE



# Bonfiglioli global locations

## AUSTRALIA

**Bonfiglioli Transmission (Aust.) Pty Ltd**  
Plumpton NSW



## BRAZIL

**Bonfiglioli Redutores do Brasil Ltda**  
São Bernardo do Campo - São Paulo



## CHINA

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



**Selcom Electronics (Shanghai) Co., Ltd**  
Shanghai



Shanghai



## FRANCE

**Bonfiglioli Transmission S.A.S.**  
Marly la Ville



## GERMANY

**Bonfiglioli Deutschland GmbH**  
Neuss



**Bonfiglioli Deutschland GmbH**  
Krefeld



**O&K Antriebstechnik GmbH**  
Hattingen



## INDIA

**Bonfiglioli Transmission Ltd.**  
**Mobility & Wind Industries**  
Thirumudivakkam  
Kancheepuram - Tamil Nadu



**Industry & Automation Solutions**  
Mannur Village, Sriperumbudur Taluk  
Kancheepuram - Tamil Nadu



**Industry & Automation Solutions**  
Pune - Maharashtra



## ITALY

**Bonfiglioli Riduttori S.p.A.**  
**Industry & Automation Solutions**  
Calderara di Reno (BO)



**Industry & Automation Solutions**  
Carpiano



**Mobility & Wind Industries**  
Forlì



**Industry & Automation Solutions**  
Rovereto



**Selcom Group S.p.A.**  
Castel Maggiore (BO)



Castel Maggiore (BO)



Cadriano (BO)



## NEW ZEALAND

**Bonfiglioli Transmission (Aust.) Pty Ltd**  
Auckland - Ellerslie



## SINGAPORE

**Bonfiglioli South East Asia Pte Ltd**  
Singapore



## SLOVAKIA

**Bonfiglioli Slovakia s.r.o.**  
Považská Bystrica



## SOUTH AFRICA

**Bonfiglioli South Africa Pty Ltd.**  
Johannesburg



## SOUTH KOREA

**Bonfiglioli Korea Co., Ltd.**  
Busan



## SPAIN

**Tecnotrans Bonfiglioli S.A**  
Castellbisbal - Barcelona



## TURKEY

**Bonfiglioli Türkiye Jsc**  
Çiğli - Izmir



## UNITED KINGDOM

**Bonfiglioli UK Ltd.**  
Warrington - Cheshire



## USA

**Bonfiglioli USA Inc.**  
Hebron - Kentucky



## VIETNAM

**Bonfiglioli Vietnam Co. Ltd.**  
Ben Cat city, Binh Duong province





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

#### **HEADQUARTERS**

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