Bonfiglioli



SOLUTIONS FOR

Metal working



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We engineer dreams

Engineering Solutions







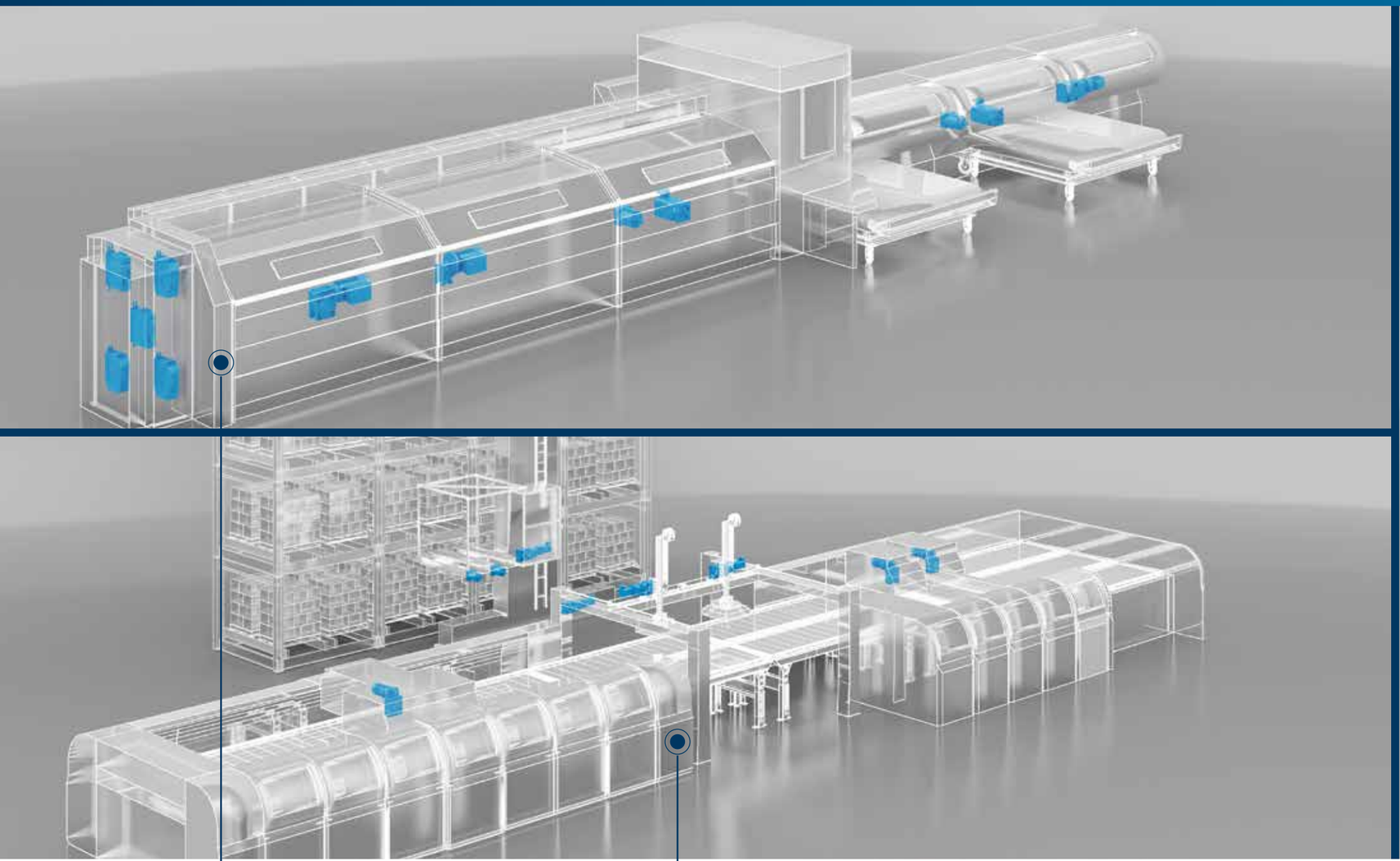
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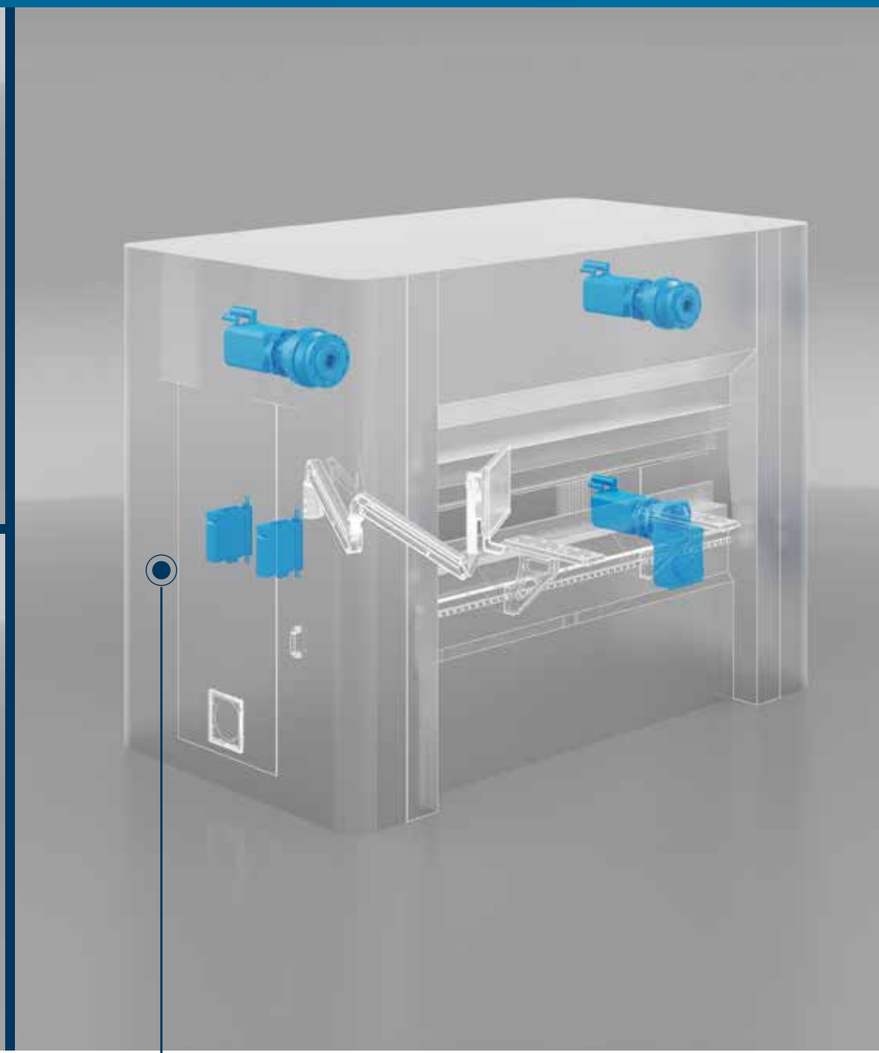
Metal working

Bonfiglioli is a longstanding leading manufacturer of mechatronic solutions for the metal working industry, supplying excellence and innovation by keeping focus on our customers and their needs.

Thanks to our know-how and long-term co-design with key players in this industry, we supply dedicated solutions thanks to our wide product portfolio and integration capabilities,combining both industrial and precision gearboxes with motors and servomotors up to IE5, as well as with frequency inverters.







1 LASER TUBE CUTTING

2 METAL SHEET

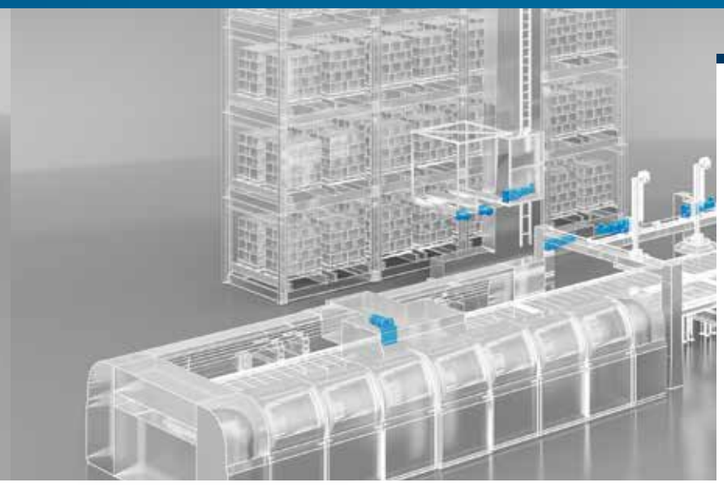
3 METAL SHEET BENDING



1

LASER TUBE CUTTING

Laser tube working machine, with suitable solutions for all axis. Our products are adaptable to existing design and easy to assemble, while saving space in the cabinet with our top class inverter power density.



2

METAL SHEET

Punching, shearing and bending are combined in the totally automatic and flexible production line, with no intermediate handling. Bonfiglioli combines performance and cost effectiveness through our selection tool and expertise.



VF/W + IE3 + AGL

Open-loop inverter with worm gearmotor

BENEFITS

- Suitable solutions for whole machine axis
- Easy-to-assembly and ready-to-go solutions
- Adaptable to existing design
- Space saving in cabinet

FEATURES

- One-Stop-Shop
- Flexible solutions thanks to wide product portfolio



MP + BMD + ANG

Closed-loop inverter with precision servo gearmotor

BENEFITS

- Suitable solutions for whole machine axis
- Easy-to-assembly and ready-to-go solutions
- Adaptable to existing design
- Space saving in cabinet

FEATURES

- One-Stop-Shop
- Flexible solutions thanks to wide product portfolio
- Communication to any fieldbus
- Top class inverter power density



A + IE3 + AGL

Open-loop inverter with right-angle gearmotor

BENEFITS

- Suitable solutions for whole machine axis
- Easy-to-assembly and ready-to-go solutions
- Adaptable to existing design
- Space saving in cabinet

FEATURES

- One-Stop-Shop
- Flexible solutions thanks to wide product portfolio



A + BMD

Servo right-angle gearmotor

BENEFITS

- Suitable solutions for whole machine axis
- Optimized sizing via Bonfiglioli servo selection tool to combine performances and cost effectiveness
- High dynamics and compact solution

FEATURES

- One-Stop-Shop
- Bonfiglioli sector expertise at your disposal to co-design
- Servo-gearmotor based solutions



LC Series

Precision planetary gearbox

BENEFITS

- Suitable solutions for whole machine axis
- Optimized sizing via Bonfiglioli servo selection tool to combine performances and cost effectiveness
- High dynamics and compact solution

FEATURES

- One-Stop-Shop
- Bonfiglioli sector expertise at your disposal to co-design



F + IE3

Parallel shaft gearmotor

BENEFITS

- Suitable solutions for whole machine axis
- Optimized sizing via Bonfiglioli servo selection tool to combine performances and cost effectiveness
- High dynamics and compact solution

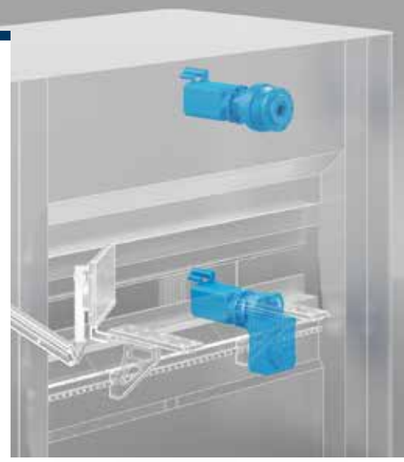
FEATURES

- One-Stop-Shop
- Bonfiglioli sector expertise at your disposal to co-design
- Servo-gearmotor based solutions

3

METAL SHEET BENDING

The machine bends metal sheet with fully electric control. The Bonfiglioli solutions for the core axis are easy to refit, improving durability and requiring less maintenance compared to traditional solutions.





300 + BMD + ACU

Closed-loop inverter with synchronous reluctance motor and planetary gearbox

BENEFITS

- Enhanced durability, less maintenance compared to parallel shaft
- Servo performance motor without magnets
- Easy re-fitting
- No need for additional pulley, easier mounting

FEATURES

- Planetary gearbox solution for bending axis
- Synchronous Reluctance motor on bending axis
- Mechanically compatible with existing parallel shafts design



F + BMD + ACU

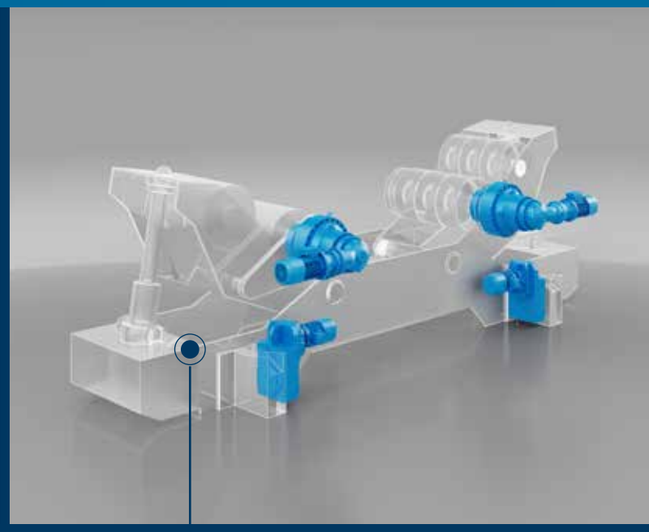
Closed-loop inverter with servo parallel shaft gearmotor

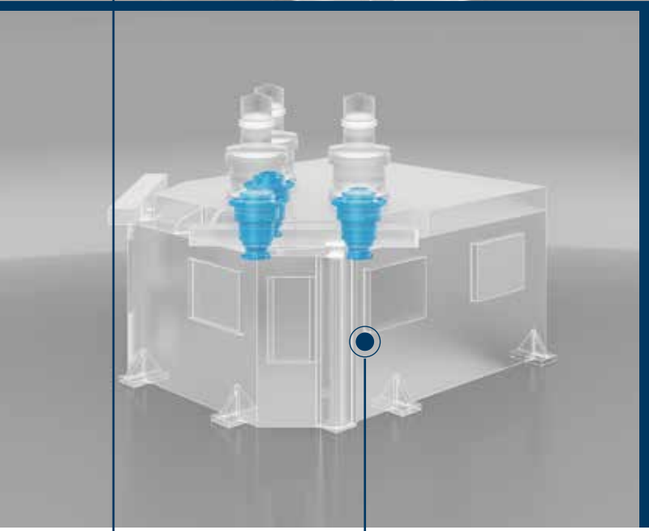
- Enhanced durability, less maintenance compared to parallel shaft
- Servo performance motor without magnets
- Easy re-fitting
- No need for additional pulley, easier mounting

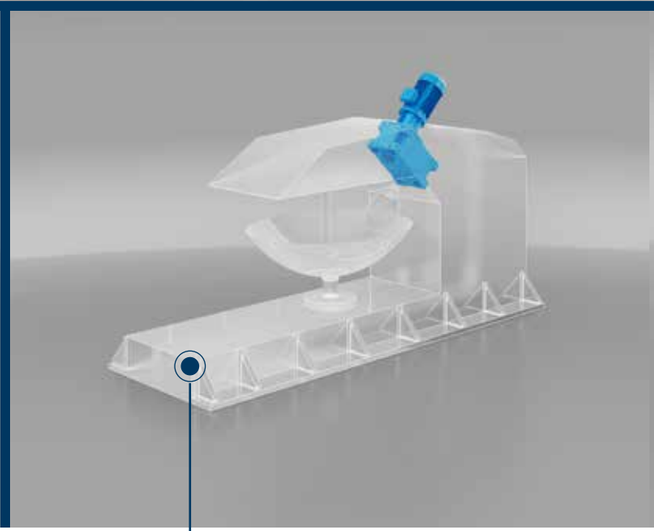
- All-in-one gearbox design on croning axis

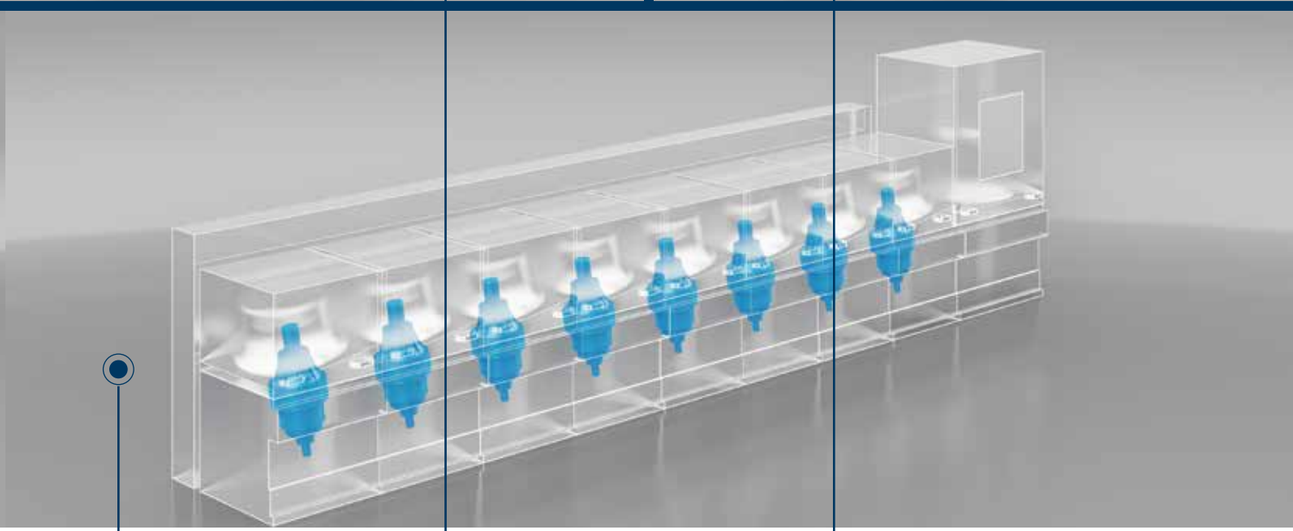












1 PLATE ROLL, PLATE BENDING

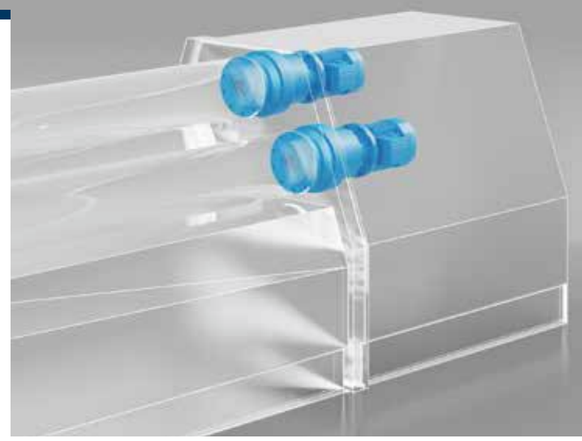
2 METAL PROFILE BENDING

3 FLANGING MACHINES

4 WIRE DRAWING MACHINE

5 PULLING CAPSTAN

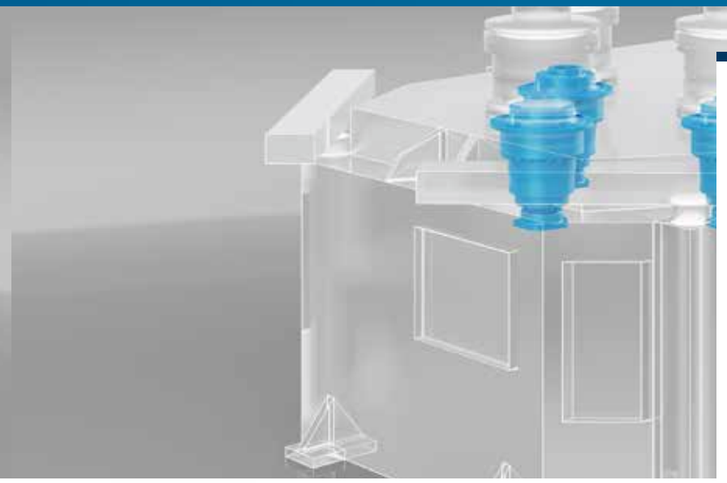
6 SELF-ALIGNING
ROLLER BEDS



1

PLATE ROLL, PLATE BENDING

A plate rolling machine is used to shape and form different kind of metal sheets with different thickness. The Gearmotors drive one or more pairs of rollers in order to obtain round or conical shapes through a calculated deformation process. Bonfiglioli supply a wide range of Planetary Hydraulic or Electric gearmotors with controls able to grant the highest level of performances to several different application segments.



2

METAL PROFILE BENDING

Profile bending machines are used to shape tubes or profiles trough a calculated deformation process into a form for several industrial purpose. The Bonfiglioli product portfolio satisfies the requirements coming from the different sizes or materials that can be processed in these machines. The drives can be equipped with hydraulic or electric motors with controls.



300 Series
Roller Drive

BENEFITS

- Hydraulic or electric motor input solution
- High overload capacity
- Torque control
- Easy installation
- Brake avaliable as an option

FEATURES

- Wide range of ratios
- Modular design
- In-line and right angle solutions
- Multiple output configurations and accessories
- Reinforced output shaft bearings
- Shock load up to 2.000.000 Nm



Active Cube Series
Premium Frequency Inverters

- Drive control highly customizable
- Great operational safety
- Higher productivity
- Increased service life of the crane
- Easy installation
- Lower total cost of ownership

- Power Range: 0.37...1200 kW
- Open & closed loop field oriented control
- Master/Slave control and communication protocols
- PLC with integrated functionalities
- Coated boards
- STO Functional Safety
- Multi drive synchronisation and torque control
- Advanced brake control
- Brake chopper
- DC link connection for energy sharing
- Energy recovery braking (recovered electricity can be sent back to the grid)
- Energy consumption optimization (AEC/B)
- Mains unit (AEC/S)



BX Series
Asynchronous IE3 Three Phase Motor

- Motor efficiency class up to IE3
- Reliable, balanced and robust
- Complete solution (gear unit + Motor)
- Energy saving solution
- Compliant with the most of the efficiency standards

- Power range: up to 355 kW
- Built in brakes available for all power/ sizes
- Thermal protection: KTY, PTC, bimetal switches
- Forced ventilation
- Anti-condensate heaters
- Rotor balancing
- Second shaft extension
- Anti corrosive paintings up to C5M
- Tropicalization
- Degree of protection up to IP56



300 Series
Bending Drive

BENEFITS

- Hydraulic or electric motor input solution
- High overload capacity
- Torque control
- Easy installation
- Brake avaliable as an option

FEATURES

- Wide range of ratios
- Modular design
- In-line and right angle solutions
- Multiple output configurations and accessories
- Reinforced output shaft bearings
- Shock load up to 2.000.000 Nm



Active Cube Series
Premium Frequency Inverters

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- Mains unit (AEC/S)

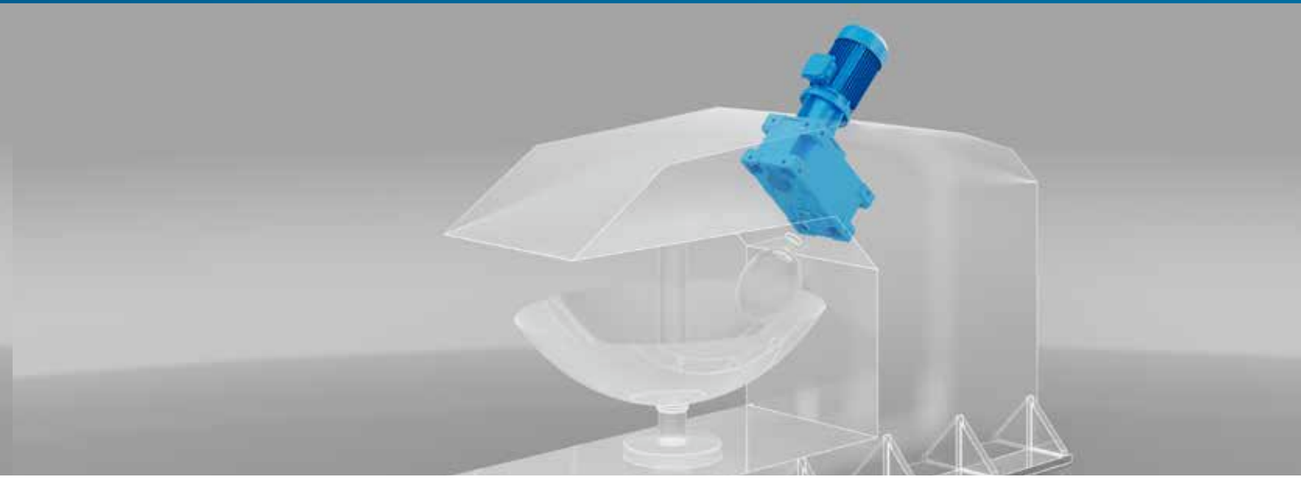


BX Series
Asynchronous IE3 Three Phase Motor

- Motor efficiency class up to IE3
- Reliable, balanced and robust
- Complete solution (gear unit + Motor)
- Energy saving solution
- Compliant with the most of the efficiency standards

- Power range: up to 355 kW
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- Anti-condensate heaters
- Rotor balancing
- Second shaft extension
- Anti corrosive paintings up to C5M
- Tropicalization
- Degree of protection up to IP56





3

FLANGING MACHINES

The Manufacturer process of dished and flanged heads for tanks and pressure vessels require high performances, in order to offer the maximum reliability to obtain tolerances and lamination reduction. Starting from circular plates of different thickness the machine press the plate with specific tools and repetitive actions in order to obtain the dished ends shape by cold forming. The final step is completing the dished ends by forming the edge for the circular welding. Bonfiglioli can provide the widest range of Power Transmissions and Mechatronics Solutions.



300 Series

Flanging Drive

BENEFITS

- Hydraulic or electric motor input solution
- High overload capacity
- Torque control
- Easy installation
- Brake avaliable as an option

FEATURES

- Wide range of ratios
- Modular design
- In-line and right angle solutions
- Multiple output configurations and accessories
- Reinforced output shaft bearings
- Shock load up to 2.000.000 Nm



HDP Series

Flanging Drive

- High transmissible power
- Robustness
- Mounting flexibility
- Reliability

- Wide range of ratios
- Torque rating up to 210.000 Nm
- IEC or Nema motor flange
- Different output configurations and accessories



Active Cube Series

Premium Frequency Inverters

BENEFITS

- Drive control highly customizable
- Great operational safety
- Higher productivity
- Increased service life of the crane
- Easy installation
- Lower total cost of ownership

FEATURES

- Power Range: 0.37...1200 kW
- Open & closed loop field oriented control
- Master/Slave control and communication protocols
- PLC with integrated functionalities
- Coated boards
- STO Functional Safety
- Multi drive synchronisation and torque control
- Advanced brake control
- Brake chopper
- DC link connection for energy sharing
- Energy recovery braking (recovered electricity can be sent back to the grid)
- Energy consumption optimization (AEC/B)
- Mains unit (AEC/S)



BX Series

Asynchronous IE3 Three Phase Motor

- Motor efficiency class up to IE3
- Reliable, balanced and robust
- Complete solution (gear unit + Motor)
- Energy saving solution
- Compliant with the most of the efficiency standards

- Power range: up to 355 kW
- Built in brakes available for all power/sizes
- Thermal protection: KTY, PTC, bimetal switches
- Forced ventilation
- Anti-condensate heaters
- Rotor balancing
- Second shaft extension
- Anti corrosive paintings up to C5M
- Tropicalization
- Degree of protection up to IP56



4

WIRE DRAWING MACHINE

Wire drawing is used for a metal working process that reduce the cross section of wire by pulling it through a series of dies. This process is a type of forging. Forging is the plastic, or permanent, changing of a metal shape and can be performed at hot, warm or cold temperatures. Bonfiglioli can provide the widest range of Planetary drives and alternative technologies of Power Transmissions and Controls.



300 Series

Drum Drive

BENEFITS

- Reinforced input shaft bearings
- Suitable for pulley and belt configuration
- High overload capacity
- Easy installation

FEATURES

- Wide range of ratios
- Modular design
- Parallel, In-line and right angle solutions
- Several output configurations



HDP Series

Drum Drive

- High transmissible power
- Robustness
- Mounting flexibility thanks to dedicated output flange
- Suitable for pulley and belt configuration
- Reliability

- Wide range of ratio
- Torque rating up to 210.000 Nm
- IEC or Nema motor flange



Active Cube Series

Premium Frequency Inverters

BENEFITS

- Drive control highly customizable
- Great operational safety
- Higher productivity
- Increased service life of the crane
- Easy installation
- Lower total cost of ownership

FEATURES

- Power Range: 0.37...1200 kW
- Open & closed loop field oriented control
- Master/Slave control and communication protocols
- PLC with integrated functionalities
- Coated boards
- STO Functional Safety
- Multi drive synchronisation and torque control
- Advanced brake control
- Brake chopper
- DC link connection for energy sharing
- Energy recovery braking (recovered electricity can be sent back to the grid)
- Energy consumption optimization (AEC/B)
- Mains unit (AEC/S)

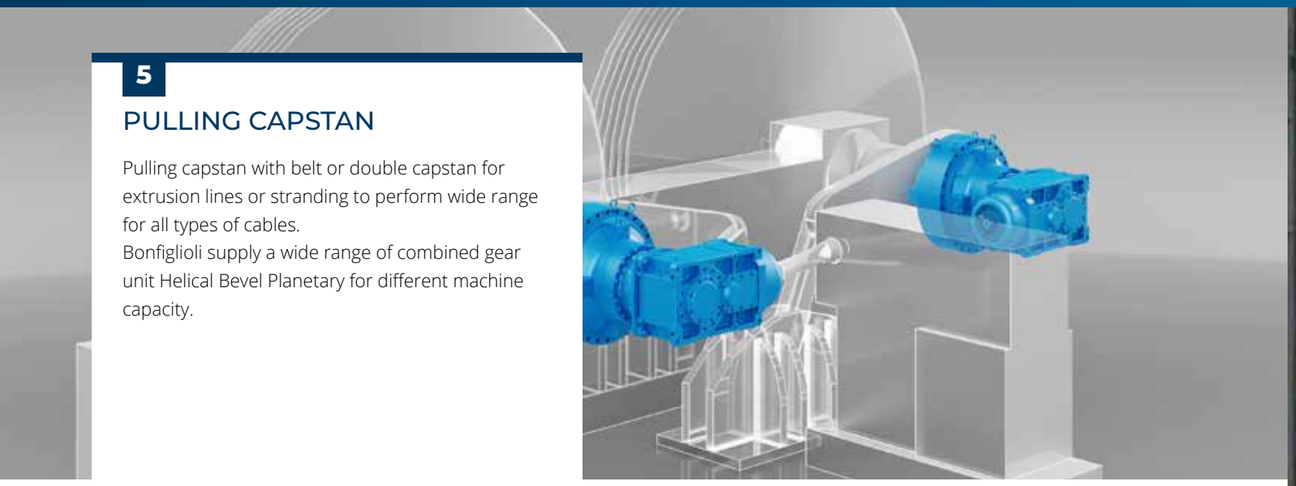


BX Series

Asynchronous IE3 Three Phase Motor

- Motor efficiency class up to IE3
- Reliable, balanced and robust
- Complete solution (gear unit + Motor)
- Energy saving solution
- Compliant with the most of the efficiency standards

- Power range: up to 355 kW
- Built in brakes available for all power/sizes
- Thermal protection: KTY, PTC, bimetal switches
- Forced ventilation
- Anti-condensate heaters
- Rotor balancing
- Second shaft extension
- Anti corrosive paintings up to C5M
- Tropicalization
- Degree of protection up to IP56



5

PULLING CAPSTAN

Pulling capstan with belt or double capstan for extrusion lines or stranding to perform wide range for all types of cables.
Bonfiglioli supply a wide range of combined gear unit Helical Bevel Planetary for different machine capacity.



3/H Series
Pulling Capstan Drive

BENEFITS

- Extremely high transmissible torque and power
- Suitable for all heavy-duty applications
- High shock resistance
- Reliability
- Easy maintenance
- High level of customization

FEATURES

- Increased bearing load capability
- Nominal torque up to 1,300,000 Nm
- Modular design



Active Cube Series
Premium Frequency Inverters

BENEFITS

- Drive control highly customizable
- Great operational safety
- Higher productivity
- Increased service life of the crane
- Easy installation
- Lower total cost of ownership

FEATURES

- Power Range: 0.37...1200 kW
- Open & closed loop field oriented control
- Master/Slave control and communication protocols
- PLC with integrated functionalities
- Coated boards
- STO Functional Safety
- Multi drive synchronisation and torque control
- Advanced brake control
- Brake chopper
- DC link connection for energy sharing
- Energy recovery braking (recovered electricity can be sent back to the grid)
- Energy consumption optimization (AEC/B)
- Mains unit (AEC/S)



BX HD Series
Asynchronous IE3 Three Phase motor

BENEFITS

- Robustness
- Long lifetime
- Wide power range
- Energy saving
- Compliant to all the MEPS
- Complete solution (gear unit + motor)
- Control flexibility
- Global motor that can be used in most of the markets

FEATURES

- Standard IP55 also for brakemotors
- Cast iron housing
- Inverter duty ready
- SPM measurement
- Certified motor (DOE, NRCan, CCC...)





6

SELF-ALIGNING ROLLER BEDS

Self-Aligning roller beds is used in the Heavy Duty industry for positioning and rotating huge cylindrical structures in order to execute multiple final operations. The rotation of the structures is driven by AC geared motors at variable speed. Machine can be fixed to the floor or rails mounted in order to increase the efficiency of the equipment. Bonfiglioli supply a wide range of Planetary, Helical parallel and Helical Bevel gearmotors and controls providing the highest level of performances for different machine capacity and the worst ambient condition.





300 Series
Self Roller Drive

BENEFITS
- Robustness
- High torque density
- High overload capacity
- High overhung load capacity
- Easy fit

FEATURES
- Wide range of ratios
- Modular design
- Parallel, In-line and Right angle solutions
- Multiple output configurations and accessories
- Explosion proof certification



A Series
Self Roller Drive

BENEFITS
- High efficiency
- Reliability and robustness
- Compactness
- Low maintenance
- Space effective & compactness with right angle arrangement

FEATURES
- Power range: up to 55 kW
- Shaft mounted solution with different output configurations
- Torque arm and anti-vibration kits
- Wide range of ratios
- Space-saving compact motor design
- Compact or IEC/NEMA Flanged motor adaptors



F Series
Self Roller Drive

BENEFITS
- High efficiency
- Reliability and robustness
- Compactness
- Low maintenance

FEATURES
- Parallel shafts design
- Power range: up to 55 kW
- Shaft mounted solution with different output configurations
- Housing integrated torque arm design and anti-vibration kits
- Wide range of ratios
- Space-saving compact motor design
- Fluor Elastomer Seals



Active Cube Series
Premium Frequency Inverters

BENEFITS
- Drive control highly customizable
- Great operational safety
- Higher productivity
- Increased service life of the crane
- Easy installation
- Lower total cost of ownership

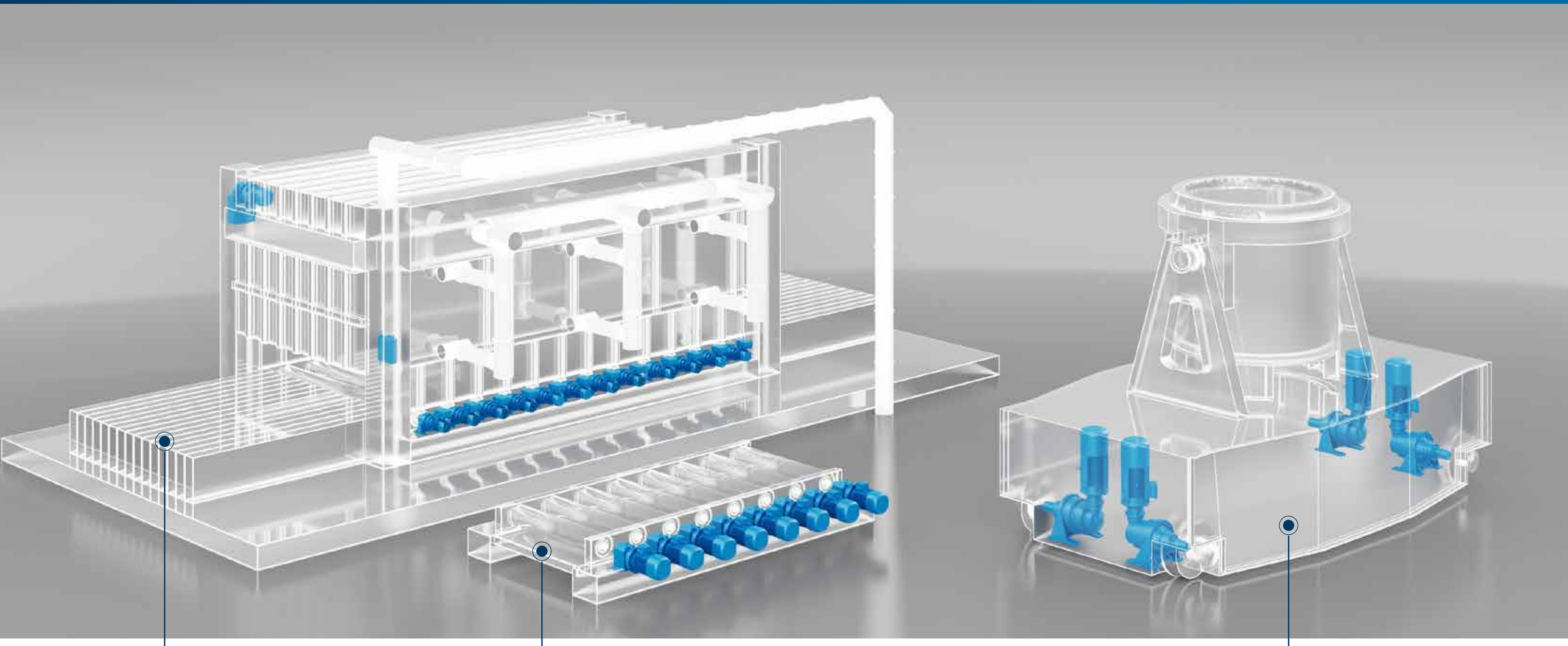
FEATURES
- Power Range: 0.37...1200 kW
- Open & closed loop field oriented control
- Master/Slave control and communication protocols
- PLC with integrated functionalities
- Coated boards
- STO Functional Safety
- Multi drive synchronisation and torque control
- Advanced brake control
- Brake chopper
- DC link connection for energy sharing
- Energy recovery braking (recovered electricity can be sent back to the grid)
- Energy consumption optimization (AEC/B)
- Mains unit (AEC/S)



BX Series
Asynchronous IE3 Three Phase Motor

BENEFITS
- Motor efficiency class up to IE3
- Reliable, balanced and robust
- Complete solution (gear unit + Motor)
- Energy saving solution
- Compliant with the most of the efficiency standards

FEATURES
- Power range: up to 355 kW
- Built in brakes available for all power/sizes
- Thermal protection: KTY, PTC, bimetal switches
- Forced ventilation
- Anti-condensate heaters
- Rotor balancing
- Second shaft extension
- Anti corrosive paintings up to C5M
- Tropicalization
- Degree of protection up to IP56



1 FURNACE

2 ROLLER TABLE

3 LADLE TRANSFER CAR

1

FURNACE

The heating process is performed by different types of furnaces. Reheating furnaces, heat treatment furnaces and furnaces for hot rolling mills (Billets, blooms or slabs) require solutions for roller table conveyor and door movement. All these applications requires solutions designed for harsh and wide range ambient temperature condition. Bonfiglioli 300M series allows flexibility to combine dedicated input and output shaft for roller table conveyors. When coupled to our IE4 BSR synchronous reluctance motors forced ventilation is not required at low operating speed and you can experience an accurate speed and torque control also in open loop when you combine it with our ACU drives. Our solutions are the best in class in terms of MTBF (meantime before failure) and suit the needs of continuous running applications. In addition, we can improve the reliability and minimize the unplanned downtimes thanks to our condition monitoring made with our own IOT platform and sensors.





F & A Series + BX Series + Active Cube Series

Furnace Door Drive

BENEFITS

- Low maintenance
- Easy installation
- Space effective
- IES2 power drive system solution

FEATURES

- Torque arm and anti-vibration kits
- Space-saving compact gearmotor design
- Compact or IEC/NEMA gearbox flange adapters
- Fluor Elastomer Seals
- Wide power range: up to 55 kW
- IE3 energy efficiency level
- Worldwide certification
- Wide range of temperature sensors
- Independent servo fan option
- Ready for heavy duty applications



300M Series + BSR Series + DGM-MPM Series

Roller Drive

BENEFITS

- Low maintenance
- Compactness
- Energy saving solution
- Reliability and robustness
- Low wiring costs
- IES2 power drive system solution

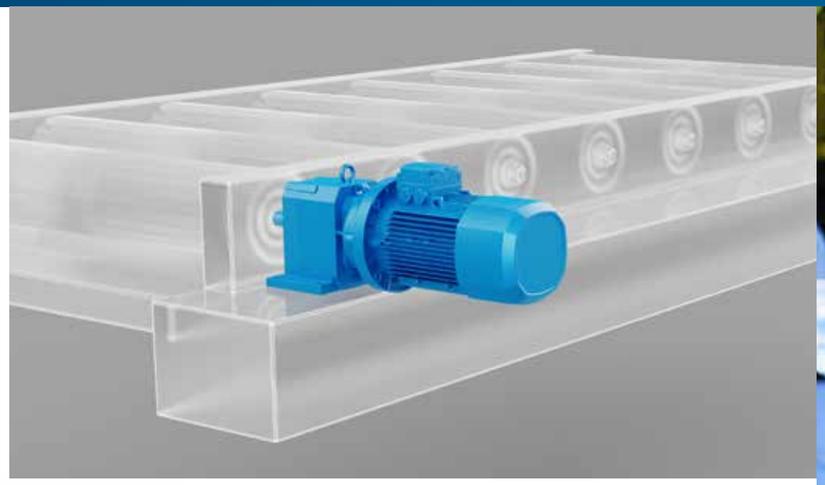
FEATURES

- Made in spheroidal cast iron
- Modular design (input, output, mounting)
- Peak torque up to 2.000.000 Nm
- Space-saving compact gearmotor design
- High overload capacity
- Fluor elastomer seals
- Energy efficiency up to IE4 and UL certification
- High efficiency solution up to 9,2kW (size 132)
- High output configuration up to 18,5kW (size 132)
- Open loop sensorless control mode
- Motor or wall mounting solution

2

ROLLER TABLE

A roller table is a fundamental equipment used inside several production plants to transport the material along the different process stations. These rollers are commonly driven by electrical gearmotors which can be directly connected to the roller shaft: one gearmotor for every single roller, or one gearmotor that can drive more than one roller thanks to gears and chains.
Output speed can vary according to the process phase or to the material weight. Heavier material will have lower speed, so a wide range of motor speed is fundamental. Bonfiglioli can offer the widest product portfolio along with the most optimized solutions for drives and controls with a wide range of speed adjustment according to material handling weight and specs. All metal working related applications requires solutions designed for harsh and wide range ambient temperature condition. Our solution allows flexibility to combine dedicated input and output shaft for roller table conveyors.
Our solutions are the best in class in terms of MTBF (meantime before failure) and suit the needs of continuous running applications.





F & C Series + BX Series + Active Cube Series

Roller Drive

BENEFITS

- Low maintenance
- Easy installation
- Space effective
- IES2 power drive system solution

FEATURES

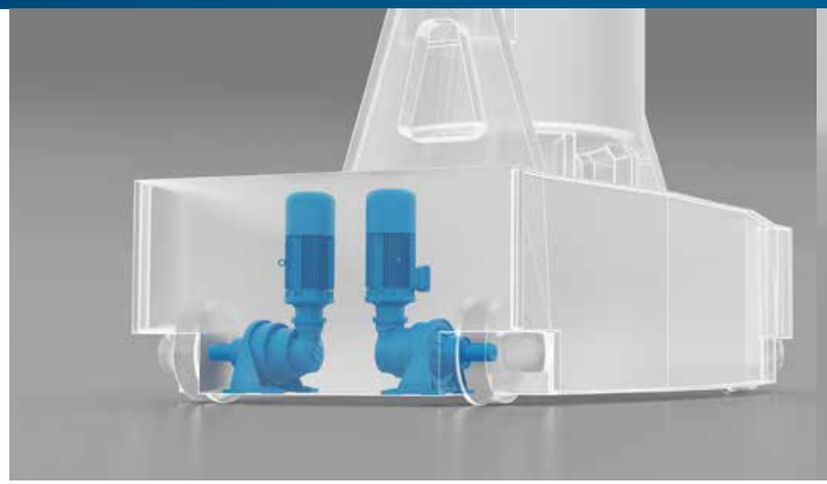
- Torque arm and anti-vibration kits
- Space-saving compact gearmotor design
- Compact or IEC/NEMA gearbox flange adapters
- Fluor Elastomer Seals
- Wide power range: up to 55 kW
- IE3 Worldwide certification
- Wide range of temperature sensors
- Independent servo fan option
- Ready for heavy duty applications

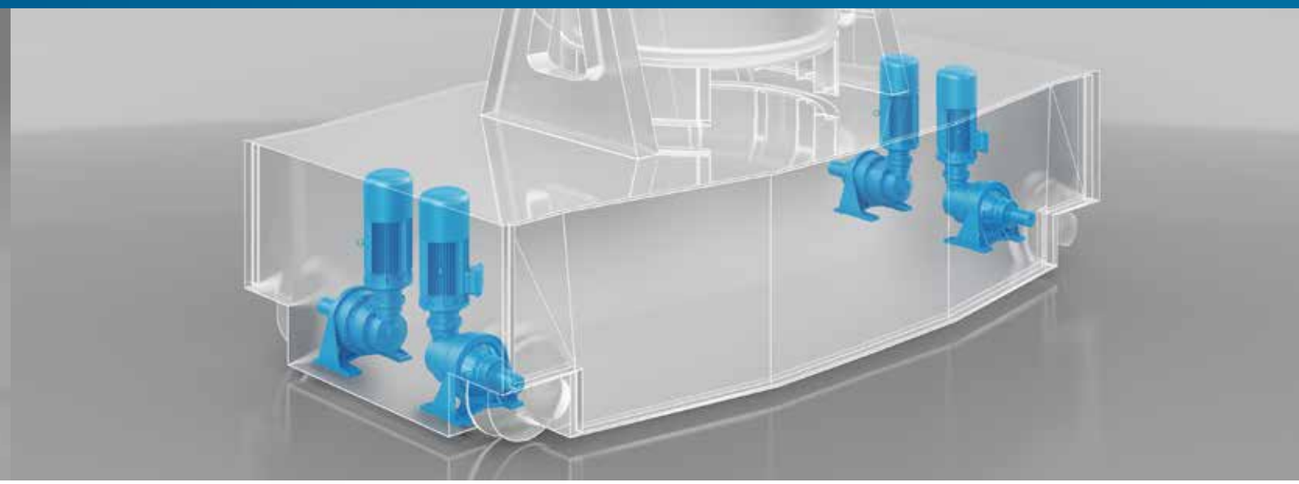


3

LADLE TRANSFER CAR

A ladle transfer car is used in foundries and metallurgy industry to transport the molten metals. Ladle cars can have different shapes and capacities. Thanks to the wide product portfolio, Bonfiglioli can provide the best fitting solution according to the machine design and capable to withstand harsh and wide range ambient temperature condition.
Thanks to our solution and experience we have the flexibility to combine dedicated input and output shaft according to the tightest installation space typical of Ladle transfer car application. We are able to provide our customers of a very compact solution with heavy duty design lifetime criteria as well as a cost saving offer that allow to drive 2 gearmotors with only one inverter. The smooth payload handling is assured thanks to controllable s-ramp and anti sloshing dedicated functions.
Our solutions are the best in class in terms of MTBF (meantime before failure) and suit the needs of continuous running applications.







F Series + BX Series + Active Cube Series

Wheel Drive

BENEFITS

- Low maintenance
- Easy installation
- Space effective
- IES2 power drive system solution

FEATURES

- Torque arm and anti-vibration kits
- Space-saving compact gearmotor design
- Fluor Elastomer Seals
- Wide power range: up to 55 kW
- IE3 Worldwide certification
- Wide range of temperature sensors
- Independent servo fan option
- Ready for heavy duty applications

300M Series + BX Series + Active Cube Series

Wheel Drive

BENEFITS

- Low maintenance
- Compactness
- Energy saving solution
- Reliability and robustness
- IES2 power drive system solution

FEATURES

- Made in spheroidal cast iron
- Modular design (input, output, mounting)
- Peak torque up to 2.000.000 Nm
- Space-saving compact gearmotor design
- High overload capacity
- Wide power range: up to 55 kW
- IE3 Worldwide certification
- Wide range of temperature sensors
- Motor winding insulation class up to CLH
- Independent servo fan option
- Ready for heavy duty applications



HDx Series + BX Series + Active Cube Series

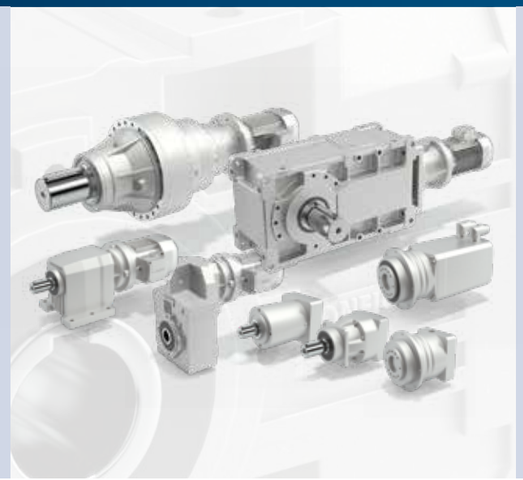
Wheel Drive

BENEFITS

- Low maintenance
- Easy installation
- Energy saving solution
- Reliability and robustness
- IES2 power drive system solution

FEATURES

- Different output shaft accessories
- Squared gearbox frame
- Torque arm and anti-vibration kits
- Torque rating up to 210.000Nm
- Fluor Elastomer Seals
- Many cooling device available
- Wide power range: up to 55 kW
- IE3 Worldwide certification
- Wide range of temperature sensors
- Independent servo fan option
- Ready for heavy duty applications.









GEARBOXES & GEARED MOTORS

HEAVY DUTY

Heavy duty parallel/right angle shaft geared motors
HDP/HDO Series
- **Torque range:** 5,190 to 210,000 Nm
- **Gear ratios:** 5.6 to 500

Planetary geared motors | 300 Series
- **Torque range:** 1,250 to 1,287,000 Nm
- **Gear ratios:** 3.4 ... 2,916

LIGHT DUTY

Worm geared motors | W/VF Series
- **Torque range:** 13 to 7,100 Nm
- **Gear ratios:** 5.6 to 500

Helical geared motors | C Series
- **Torque range:** 45 to 12,000 Nm
- **Gear ratios:** 5.6 to 500

Bevel-helical geared motors | A Series
- **Torque range:** 100 to 14,000 Nm
- **Gear ratios:** 5.6 to 500

Shaft-mounted geared motors | F Series
- **Torque range:** 140 to 14,000 Nm
- **Gear ratios:** 5.6 to 500

SERVO

Precision planetary servo geared motors
TQ, TQK, TQF, 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

MOTORS

Asynchronous IEC motors | BN, BE, BX Series
Asynchronous compact motors | MN, ME, MX series
A complete range of AC motors, meeting worldwide MEPS (e.g. IE3) **IE3**
- **Power range:** 0.06 to 355 kW
- **Poles:** from 2 to 8 and multiple poles

Asynchronous motors | BN, BE, BX, M, ME, MX Series
A complete range of AC motors, meeting worldwide MEPS (e.g. IE3) **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^{-1}
- **Power supply:** 230, 400 VAC

Synchronous reluctance motors | BSR Series
Two different versions for different needs: High efficiency IE4 and high output **IE4**
- **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^{-1}
- **Rated speed BCR:** from 2,000 to 4,500 min^{-1}
- **Power supply:** 230, 400 VAC

Synchronous motors with integrated drives | iBMD Series
- **Stall torque:** 2.7 to 36 Nm
- **Rated speed:** 3,000 min^{-1}
- **Power supply:** 560 VDC

CABINET INVERTERS

HEAVY DUTY

Cabinet solution | Active Cube 8 IP54
- **Power range:** 200 up to 1,200 kW
- **Voltage:** 400 V, 525V, 690V

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*:** 0.25 - 400 kW / 3-phase

LIGHT DUTY

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*:** 0.25 - 400 kW / 3-phase

Smart inverter | Agile Series
- **AGL202:** 0.12 - 3 kW / 1-phase | 0.25 - 7.5 kW / 3-phase
- **AGL402:** 0.25 - 11 kW / 3-phase

Compact inverter | S2U Series
- **S2U230S--..(F) IP66:** 0.25 - 400 kW / 3-phase

SERVO

Servo inverter | ANG Series
- **ANG210:** 0.25 - 9.2 kW / 1- or 3-phase
- **ANG410*:** 0.25 - 400 kW / 3-phase
- **ACU510*:** 160 - 400 kW / 3-phase
- **ANG610*:** 0.25 - 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*:** 0.25 - 400 kW / 3-phase

Smart inverter | Agile Series
- **AGL202:** 0.12 - 3 kW / 1-phase | 0.25 - 7.5 kW / 3-phase
- **AGL402:** 0.25 - 11 kW / 3-phase

** up to 1200 kW with parallel connection*

DECENTRALIZED INVERTERS

DGM1
- **Size A:** 0.37 - 1.1 kW / 1-phase
- **Voltage:** 230 V
- **Motor type:** Asynchronous

DGM3
- **Size A:** 0.55 - 1.5 kW / 3-phase
- **Size B:** 2.2 - 4 kW / 3-phase
- **Size C:** 5.5 - 7.5 Kw / 3-phase
- **Size D:** 11 - 22 kW / 3-phase
- **Voltage:** 3 x 200 Vac -10%... 480 Vac +10%
  280 Vdc -10%... 680 Vdc +10%
- **Motor type:** Asynchronous

DGM MPM
- **Size A:** 0.55 - 1.5 kW / 3-phase
- **Size B:** 2.2 - 4 kW / 3-phase
- **Size C:** 5.5 - 7.5 Kw / 3-phase
- **Size D:** 11 - 30 kW / 3-phase
- **Voltage:** 3 x 200 Vac -10%... 480 Vac +10%
  280 Vdc -10%... 680 Vdc +10%
- **Motor type:** Asynchronous & Synchronous

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 18 production sites, 24 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

BR_CAT_METAL_STD_ENG_R00_0

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

PRODUCTION | ASSEMBLY | SALES | SERVICE

Bonfiglioli

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

Bonfiglioli S.p.A.
Via Cav. Clementino Bonfiglioli, 1
40012 Calderara di Reno - Bologna (Italy)
Tel. +39 051 6473111