

*Solutions for*  
**CONSTRUCTION  
INDUSTRY**

 **Bonfiglioli**





## CONTENTS

<b>CONSTRUCTION .....</b>	<b>5</b>
<b>EARTH MOVING MACHINES.....</b>	<b>6</b>
Mini-excavators.....	8
Compact track loaders.....	11
Excavators .....	12
<b>BUILDING CONSTRUCTION.....</b>	<b>14</b>
Building cranes.....	16
Rough terrain cranes.....	20
Truck-mounted cranes.....	22
Crawler cranes .....	24
Drilling machines .....	28
Crushers & screeners.....	32
<b>CONCRETE PROCESSES .....</b>	<b>34</b>
Concrete mixers.....	36
Asphalt mixers.....	37
Truck-mounted concrete pumps.....	38
Transit mixer trucks .....	39
<b>ROAD MACHINERY .....</b>	<b>40</b>
Pavers .....	42
Road reclaimers .....	46
Soil compactors .....	47
Graders .....	48
Pneumatic tired rollers.....	49
Tandem vibratory rollers .....	50
Cold milling machines.....	52
<b>OUR GLOBAL PRESENCE.....</b>	<b>54</b>

# Engineering Solutions



[WWW.BONFIGLIOLI.COM](http://WWW.BONFIGLIOLI.COM)

# CONSTRUCTION

---

## THE WIDEST RANGE OF SOLUTIONS FOR THE CONSTRUCTION INDUSTRY

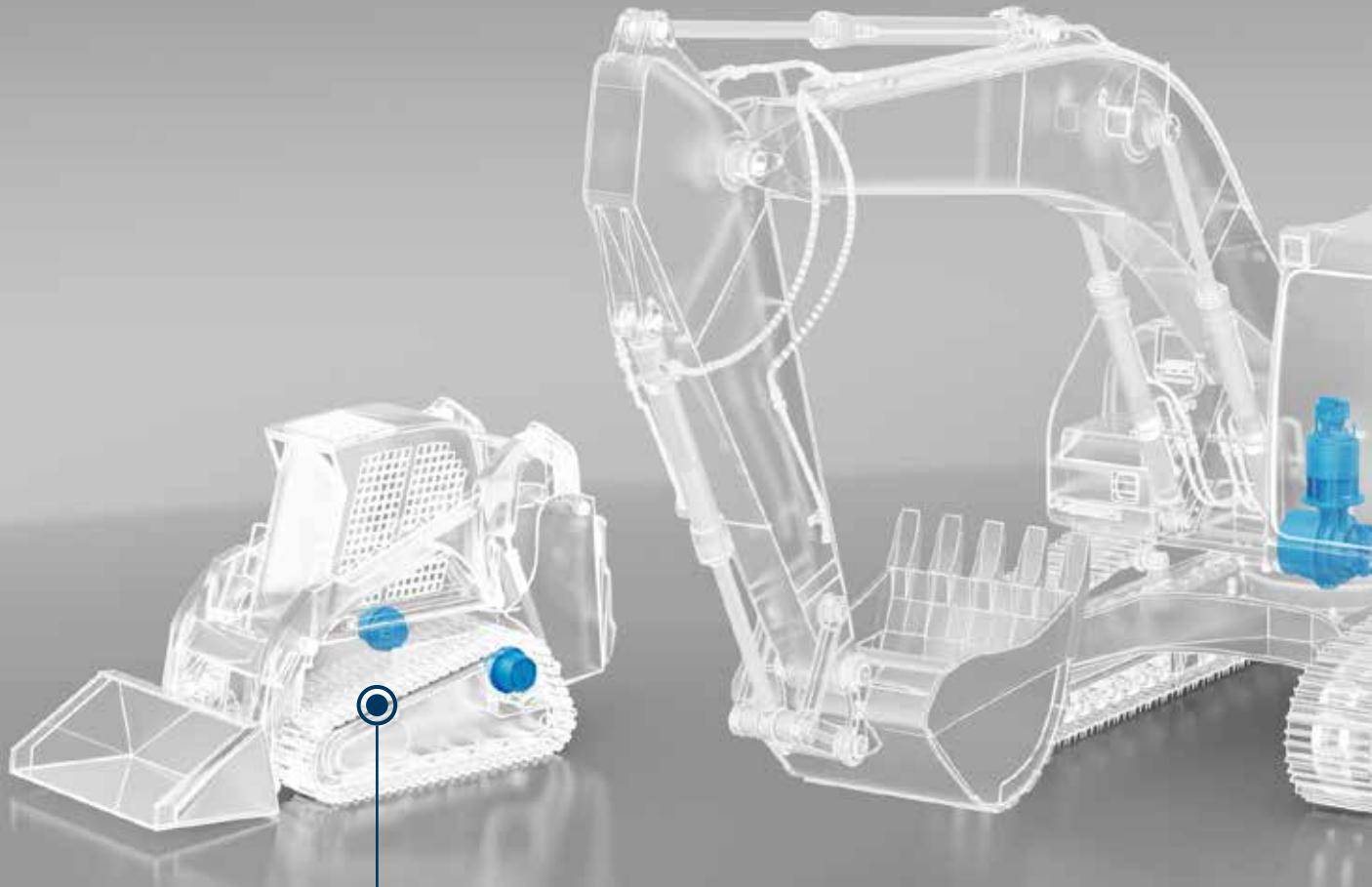
We have been enhancing construction equipment performance, efficiency, productivity and reliability for over 40 years. With experience working with the major players worldwide, our team of experts creates, designs and produces advanced technological solutions for a wide range of applications, including road construction equipment and excavators. Our range of products, including track drives, slew drives and winch drives, are perfectly tailored to meet a wide variety of drive specifications, making us global leader in this industry.

Bonfiglioli's wide, diversified product ranges, fully meet the specifications of the various OEMs. Our drives and geared motors perfectly adapt to hydraulic, hybrid and electric machine needs. With a range of solutions suitable for machines weighing anywhere from 1 to 1,000 tons, we meet today's market needs. All the hydraulic/electric and mechanical functions are incorporated into a single unit that assures high reliability, excellent performance and smooth operation; moreover, due to its compact dimensions, it is very easy and economical to install in machines.

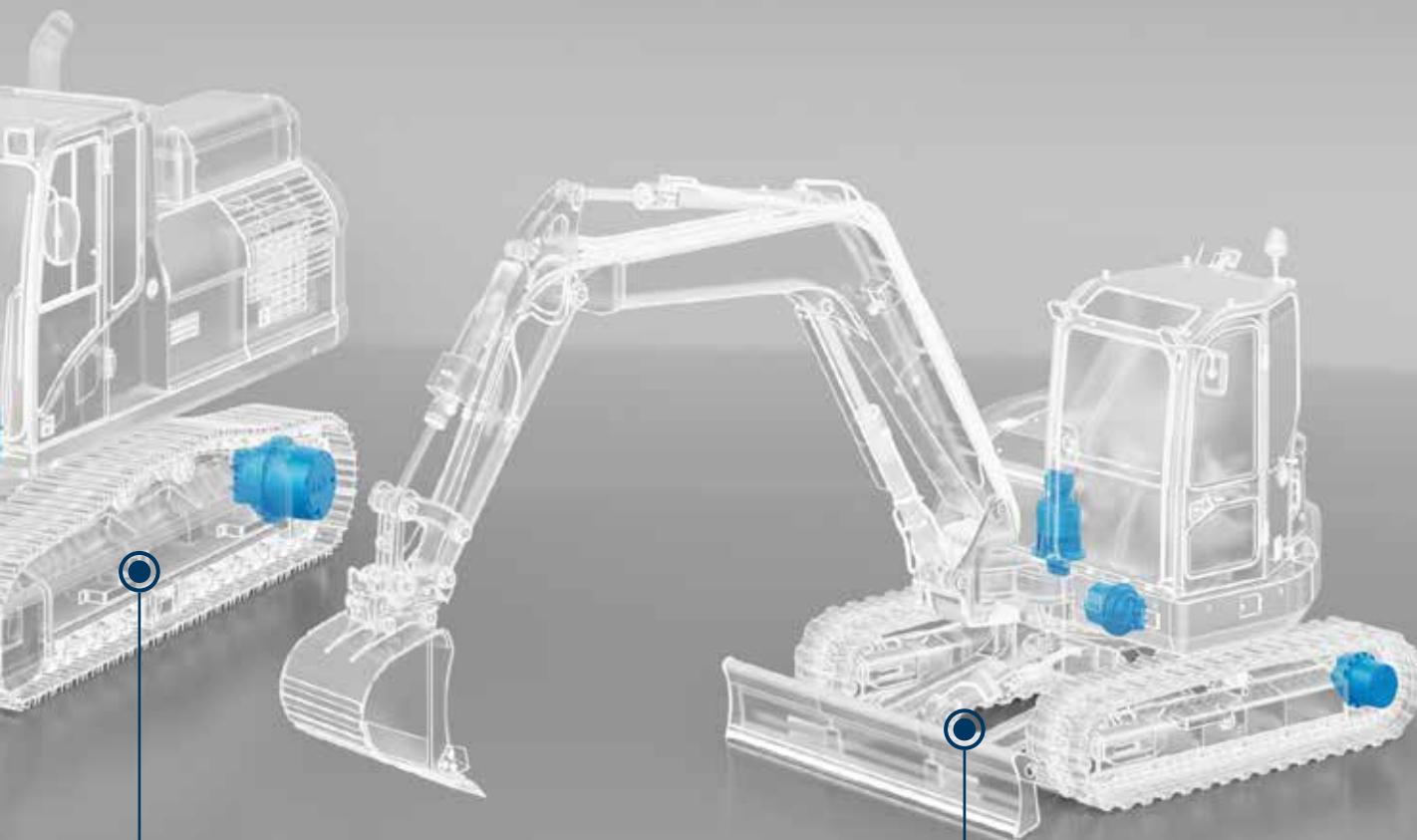
We are able to satisfy all application requirements for road construction and maintenance machinery, including milling machines, road compactors in all versions and road pavers. Each machine has its own specific structural and duty characteristics, which Bonfiglioli is well aware of, having over 40 years of experience in the industry, working in close partnership with leading manufacturers on the market.

The wide range of customized solutions and extensive expertise in the industry make Bonfiglioli the ideal partner.





## 2 COMPACT TRACK LOADERS



**3 EXCAVATORS**

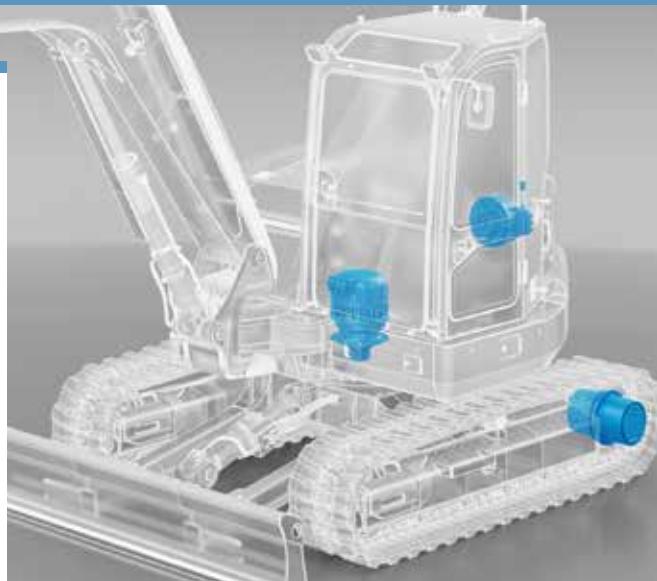
**1 MINI-EXCAVATORS**

## 1

## MINI-EXCAVATORS

## Track, slew and pump drives

With a reliable series of products for 1 to 6 ton mini-excavators, Bonfiglioli gives machine builders the best possible choice of drive system. High performance, including high torque in a compact space, is one of our portfolio's key benefits. These solutions allow for smooth machine operation. In addition to traditional hydraulic products, the new electric solutions have been introduced following Bonfiglioli's electrification path.



## 700CE Series

## Track Drives



## 700TE Series

## Slew Drives



## PM MOTOR Series

## Pump Drives



## BENEFITS

- Compact
- High performance
- High torque in a limited space
- Reduced TCO
- Easy maintenance
- Low noise
- No polluting emissions

## FEATURES

- Shorter axial length thanks to PM e-motor
- Fully integrated design
- Integrated electromagnetic parking brake
- Integrated speed and temperature sensors
- High protection rating

- Fully integrated design
- Integrated electromagnetic brake
- Integrated speed and temperature sensors
- High protection rating

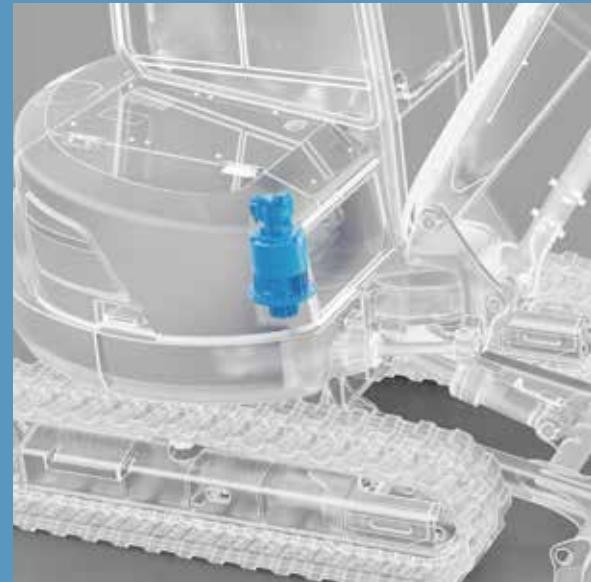
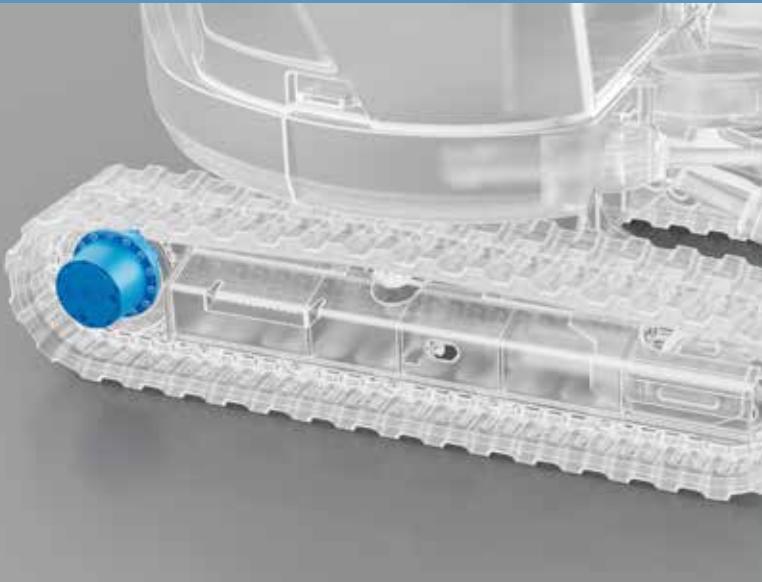
- Permanent magnet motors
- Suitable for 48-96 Vdc batteries
- Air-cooled
- Aluminum housing
- Protection rating >IP65
- SAE flanges available

## TECHNICAL DATA

Torque (Nm)	
700 CE	1.200
700-2 CE	1.900
701 CE	2.500
702 CE	3.500
704 CE	5.000
705 CE	9.000

Torque (Nm)	
700 TE	750
701 TE	1.200
703 TE	2.500
705 TE	5.000

Power (kW)	
BPM 200-L1	4
BPM 200-L2	7.5
BPM 200-L3	10
BPM 200-L4	15



## 700CK Series

### Track Drives



## 700CP Series

### Track Drives



## 700TK Series

### Slew Drives



## BENEFITS

- Compact, lightweight design
- Range of torques
- Motor-gearbox integrated solution

## FEATURES

- Integrated motor-gearbox powered by hydraulic motor developed with Kayaba
- Rotating housing
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- Integrated disc-brake

- Integrated motor-gearbox powered by hydraulic motor developed with Poclain
- Rotating housing
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- Integrated disc-brake

- Flange mounted
- Output shaft: splined or with integral pinion
- Anti swing-back valve on request
- Integrated disc-brake
- Multiple ratios

## TECHNICAL DATA

### Torque (Nm)

700 C2 K	1.200
700-2C2 K	1.900
701 C2 K	2.500
702 C2 K	3.500
704 C2 K	5.000

### Torque (Nm)

700 C2 P	1.200
700-2C2 P	1.900
701 C2 P	2.500
702 C2 P	3.500
704 C2 P	5.000

### Torque (Nm)

700 T1 K	750
701 T2 K	1.200
703 T2 K	2.000

## 2

## COMPACT TRACK LOADERS

## Track drives

With a reliable series of products for compact track loaders, Bonfiglioli gives OEMs the best possible choice of drive systems. High performance, including high torque in a compact space, is one of our portfolio's key benefits. These solutions allow smooth machine operation.

## Electric drive system

Bonfiglioli's electric version of the track drive combines the validated gearbox design with a liquid-cooled permanent magnet motor, offering a compact package that equals and indeed exceeds the propulsion and thrust performances of conventional machines, because power and torque are immediately available to the electric motor at every operating speed.

Additionally, as the track gearboxes are electrically driven, the machine can work in sensitive areas where emissions and noise are a concern, even on night shifts. Lastly, electric motors are virtually maintenance-free, allowing for longer maintenance intervals.



## 700CT Series

## Track Drives



- Compact, lightweight design
- Range of torques
- Motor-gearbox integrated solution

## BENEFITS

## FEATURES

- Integrated motor-gearbox powered by hydraulic motor developed with Danfoss
- Rotating housing
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- Integrated disc-brake

## 700CTE Series

## Track Drives



- Able to work in sensitive areas without emissions
- Machine works with no noise and less vibration

- Increased productivity
- Less maintenance
- Maneuverability
- Compact design

- Multistage planetary gearbox
- Rotating housing output
- Validated in the field
- Integrated parking brake
- Specific heavy-duty seals

- Permanent magnet motors
- Suitable for 400 - 700Vdc batteries
- Liquid-cooled
- Protection rating >IP67
- Rated power up to 30 kW

## TECHNICAL DATA

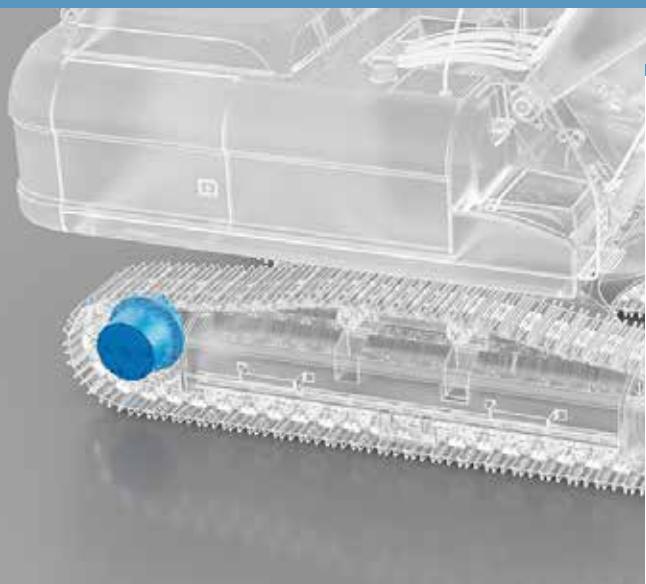
Torque (Nm)	
702 CT	3.500
704 CT	5.000
705 CT	9.000
705 XT	12.000
706 CT	16.000

Torque (Nm)	
704 CTE	5.000
705 CTE	12.000

Rated power (kW)	
BPM 240-L2	35

## EARTH MOVING MACHINES





3

## EXCAVATORS

### Track drives

High performance, including high torque in a compact space, is one of our portfolio's key benefits. These solutions allow smooth machine operation.

### Slew drives

Compact and efficient, Bonfiglioli slew drives for 7 to 150 tons excavators ensure the best possible machine efficiency and easy maintenance



## 700CK Series

### Track Drives

 | HYDRAULIC SOLUTIONS  | ELECTRIC SOLUTIONS

### BENEFITS

- Compact, lightweight design
- Range of torques
- Motor-gearbox integrated solution

### FEATURES

- Integrated motor-gearbox powered by hydraulic motor developed with Kayaba
- Rotating housing
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

705 C2 K	9.000	713 C2 K	45.000
706 C3 K	18.000	713 C3 K	60.000
707 C3 K	26.000	715 C3 K	85.000
709 C3 K	30.000	716 C3 K	100.000
710 C3 K	36.000	718 C3 K	180.000
710 C2 K	40.000	720 C3 K	220.000



## F Series

### Track Drives

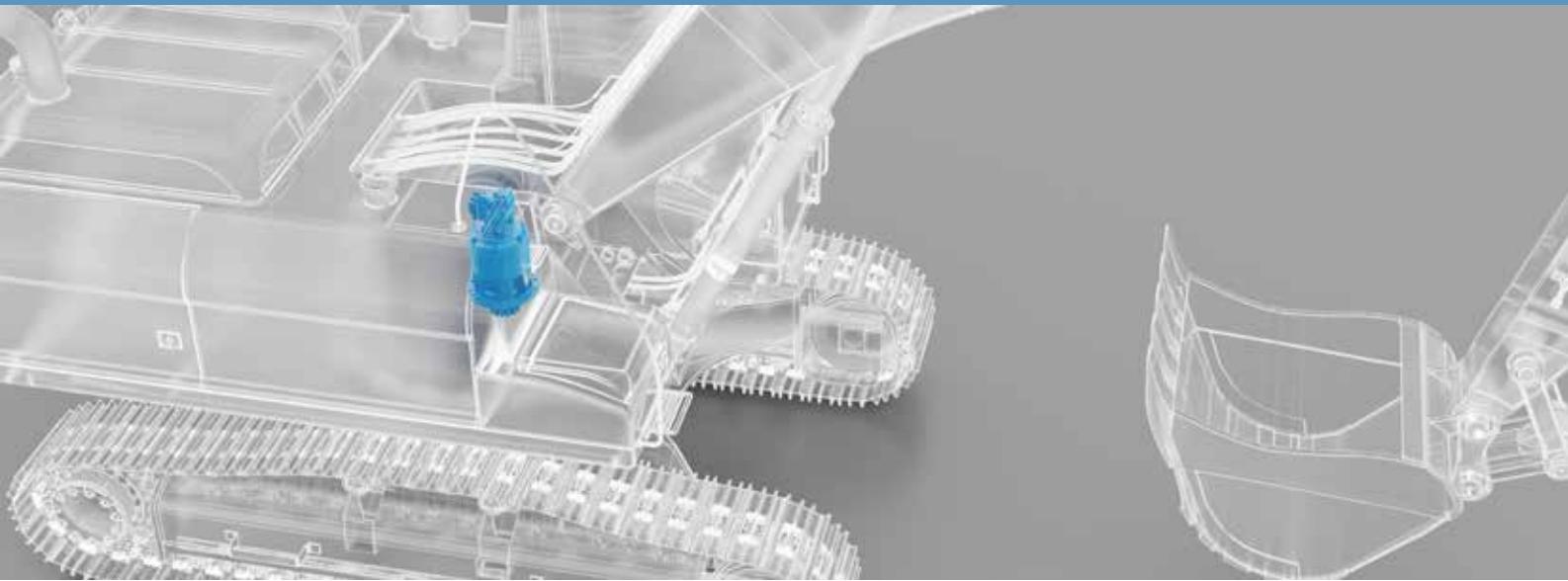
 | HYDRAULIC SOLUTIONS  | ELECTRIC SOLUTIONS

- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

#### Torque (Nm)

F130	130.000	F620	620.000
F180	180.000	F800	800.000
F220	220.000	F1100	1,100,000
F260	260.000	F1300	1,300,000
F280	280.000	F1800	1,800,000
F340	340.000	F2000	2,000,000
F360	360.000	F2200	2,200,000
F420	420.000	F3000	3,000,000



## 700T & 700TK Series

### Slew Drives



HYDRAULIC SOLUTIONS

### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request

### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake
- Fitting for hydraulic and electric motors

### TECHNICAL DATA

Torque (Nm)	
703 T	2.500
704 T	3.600
705 T	5.000
706 T	7.500
707 T	9.000
709 T	12.000
710 T	18.000
711 T	20.000
712 T	30.000
714 T	50.000

Torque (Nm)	
703 T2 K	2.000
703 T2 K	2.500
705 T2 K	5.000
706 T2 K	7.500
707 T2 F	9.000
709 T2 F	11.000
710 T2 F	15.000
711 T2 F	24.000
713 T2 F	30.000



## S Series

### Slew Drives



HYDRAULIC SOLUTIONS



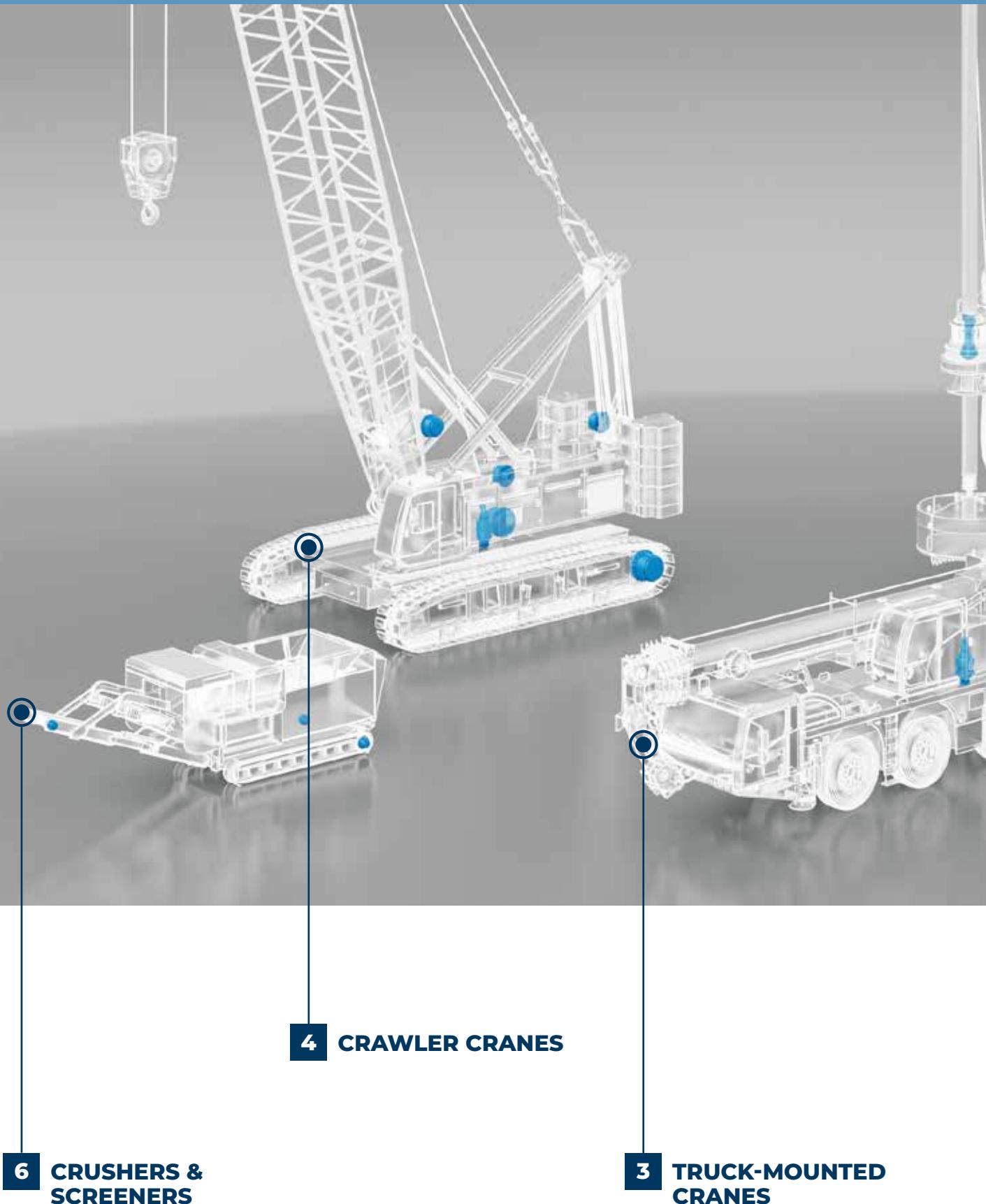
ELECTRIC SOLUTIONS

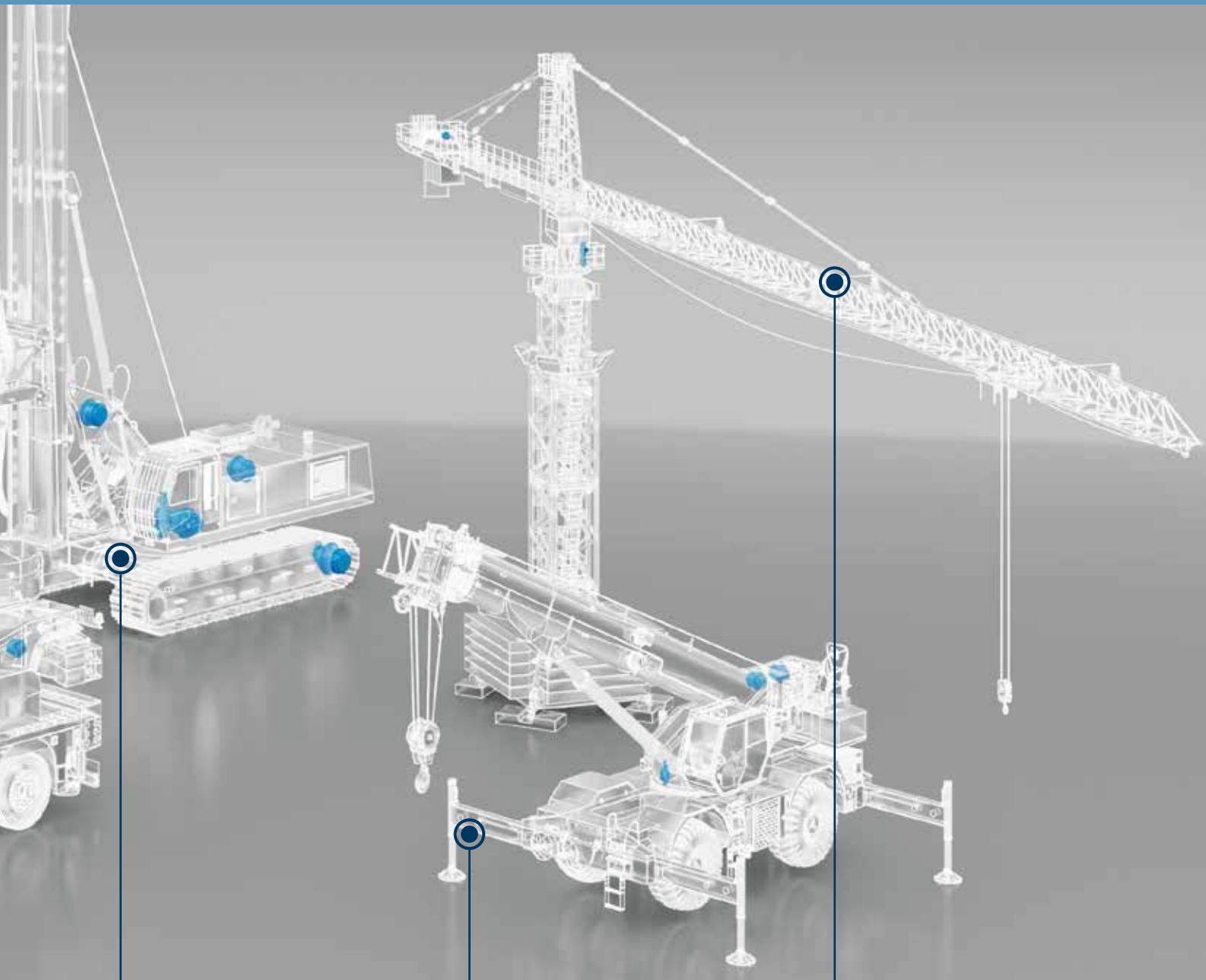
- Compact structure
- High performance

- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

### Torque (Nm)

S5	5.000	S35	35.000
S7	7.000	S40	40.000
S10	10.000	S54	54.000
S13	13.000	S60	60.000
S20	20.000	S90	90.000
S30	30.000	S130	130.000

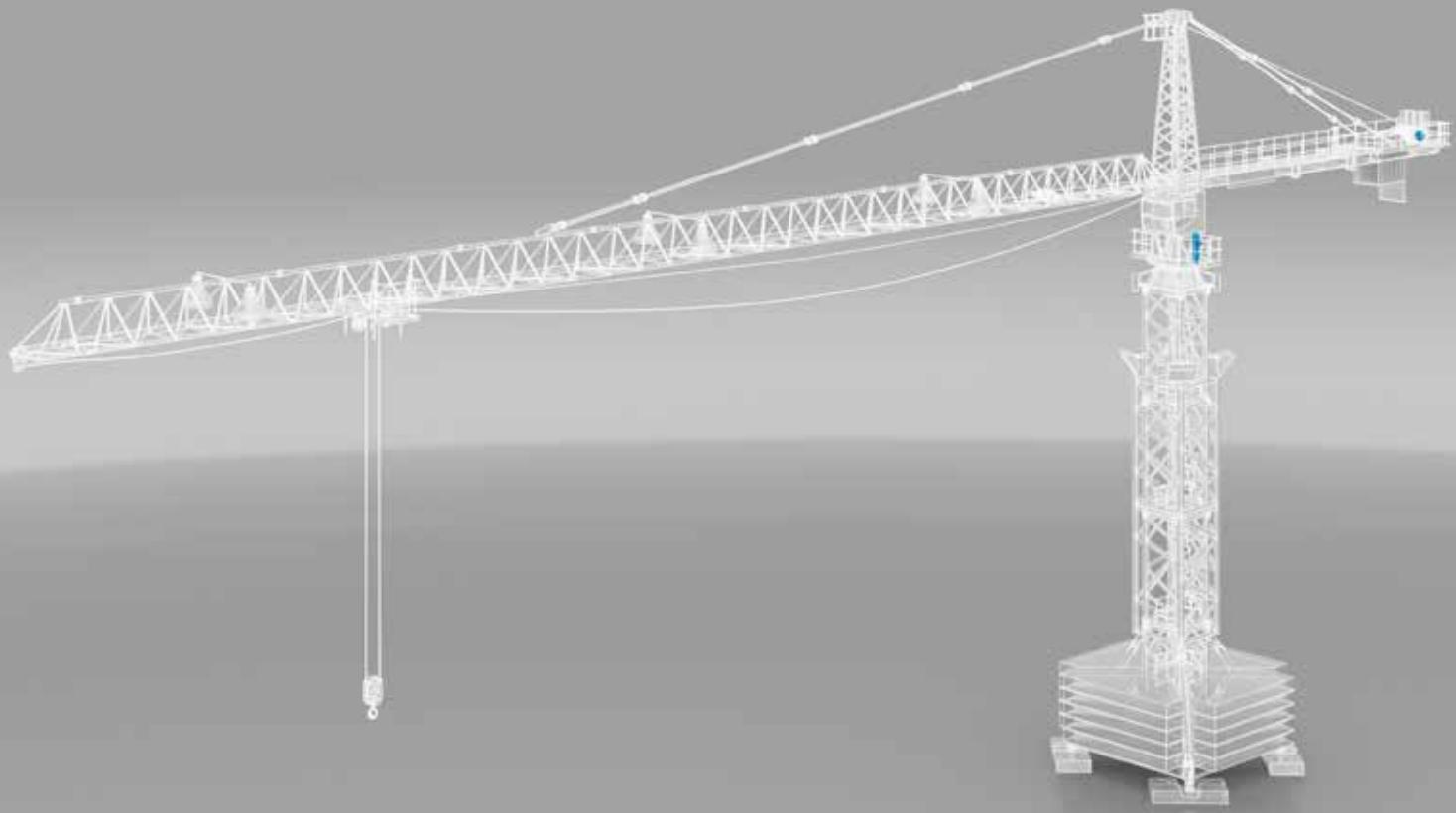




**5** DRILLING MACHINES

**2** ROUGH TERRAIN  
CRANES

**1** BUILDING CRANES



## 1

### BUILDING CRANES

#### **Slew drives**

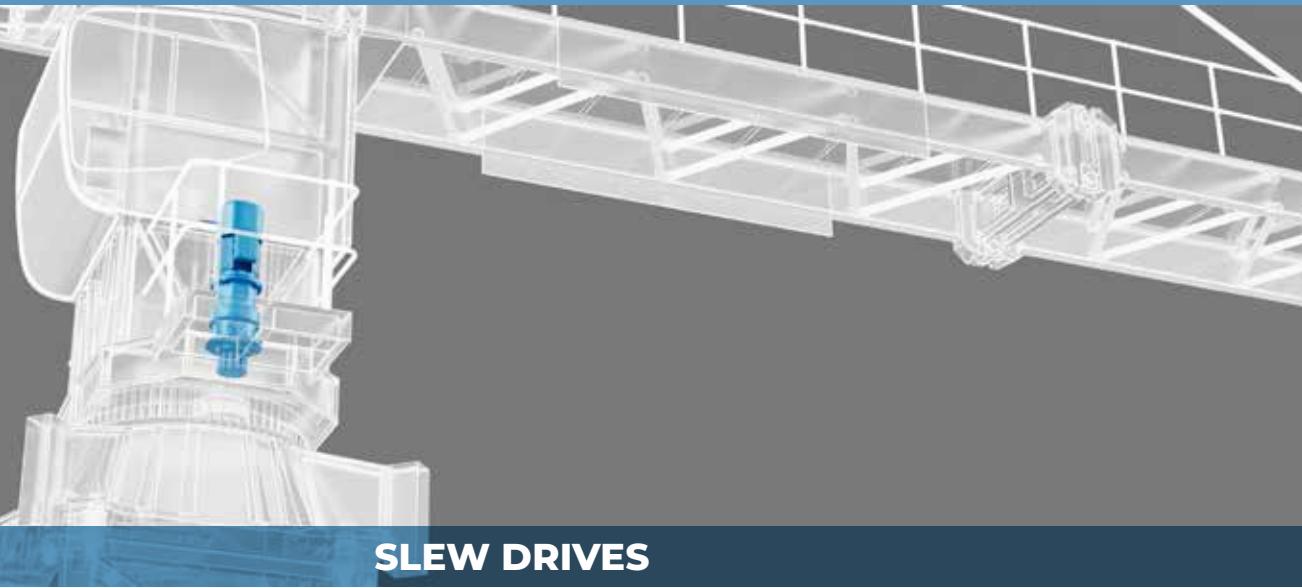
Bonfiglioli slew drives provide the safest, most effective solution for building cranes. With its long-established experience, Bonfiglioli supplies robust and reliable products that meet all customer's needs.

#### **Winch drives**

Based on specific application requirements, each winch drive for lifting or pulling cranes is developed to improve the performance and work within the small spaces available.

#### **Trolley & lifting drives**

Bonfiglioli's range of products for handling cranes assures excellent lifting and trolley performance and long life. Both the proper alignment of the cranes and the lift machinery are improved by our solutions.



## SLEW DRIVES



### 700T Series

#### Slew drives



#### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request

#### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

#### TECHNICAL DATA

##### Torque (Nm)

700 T	1.200	709 T	20.000
701 T	2.400	710 T	30.000
703 T	3.500	711 T	35.000
704 T	4.800	712 T	45.000
705 T	6.500	713 T	55.000
706 T	10.000	714 T	65.000
707 T	15.000	715 T	80.000



### ACU-H Series

#### Customized inverters

- Range of operating modes
- Operation guaranteed even in extreme situations
- Reduced mechanical stress



### AxiaVert Series

#### High performance cabinet inverter

- Easy Functional Safety integration
- High mechanical adaptability
- Flexible communication and encoder solutions

- Power from 0.25 to 400 kW
- Specific joystick responsiveness
- Minimum use of the brake
- Operation with faulty encoder at reduced speed
- Automatic wind compensation
- Anti-sway
- Optimized start and stop ramps

- Selectable Functional safety features (up to SIL 3 / PL e / CAT. 4)
- Wide range of Encoder supports for various systems
- Optional internal PLC (IEC61131) allowing own customizations
- Integrated PID control system
- Various Control modes incl. Position, Speed or Torque Control & CiA402-compatible Motion Control
- Easy wiring with detachable signal and power terminals (up to 15 kW)



## WINCH DRIVES



### FW Series

#### Winch drives

 | HYDRAULIC SOLUTIONS
  | ELECTRIC SOLUTIONS

### BENEFITS

- High "performance / dimension" ratio
- Robust design
- Special design available on request



### 700C Series

#### Winch drives

 | HYDRAULIC SOLUTIONS
  | ELECTRIC SOLUTIONS

### FEATURES

- High torque range
- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input



### ACU-H Series

#### Customized inverters

- Precise movements
- Work effectively at any environmental condition

### TECHNICAL DATA

#### Max Torque (Nm) up to

FW30	15.000
FW40	20.000
FW55	25.000
FW80	39.000
FW100	52.000
FW130	73.000
FW180	112.000
FW220	133.000
FW260	150.000
FW360	200.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli

#### Max Torque (Nm) up to

705 C2 H	4.800	715 C3 B	55.000
706 C3 B	9.500	716 C3 B	76.000
707 C3 B	19.000	717 C3 H	95.000
709 C3 B	23.000	718 C3 H	105.000
710 C3 B	29.000	720 C3 H	174.000
711 C3 B	32.000	722 C3 H	249.000
713 C3 B	45.000		

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli



## TROLLEY & LIFTING DRIVES



### 800 Series

Winch drives



#### BENEFITS

- Modular design ensures high flexibility and fast delivery using the standard components of the 300 Series



### A Series

Trolley & lifting drives



### ACU-H Series

Customized inverters

#### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input

- Minimum mounting space
- Reduced installation space and wide output speed selection range
- Reduced standard backlash
- Highly dynamic, energy-saving solution
- Wide output speed selection range

- Extended motor brake lifetime

- Right-angle input-output
- Compact motor coupling
- Wide range of ratios

- Power from 0.25 to 400 kW
- Precise sensorless control

#### TECHNICAL DATA

##### Max Torque (Nm) up to

810 W L3	30.000
813 W L3	45.000
815 W L3	58.000
818 W L3	120.000
824 W L3	285.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli



2

## ROUGH TERRAIN CRANES

### Slew drives

Bonfiglioli slew drives are the safest, most effective solution for rough terrain cranes. Our product flexibility matches the versatility of this typical application, allowing the highest reach and the best maneuverability.

### Winch drives

Based on the specific application requirements, each winch drive for rough terrain cranes is developed to improve performance in the space available.



## 700T Series

### Slew Drives



HYDRAULIC SOLUTIONS

### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request
- Adaptability

### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

700 T	1.000	706 T	7.500
701 T	1.800	707 T	9.000
703 T	2.500	709 T	12.000
704 T	3.600	710 T	18.000
705 T	5.000	711 T	20.000



## S Series

### Slew Drives



HYDRAULIC SOLUTIONS



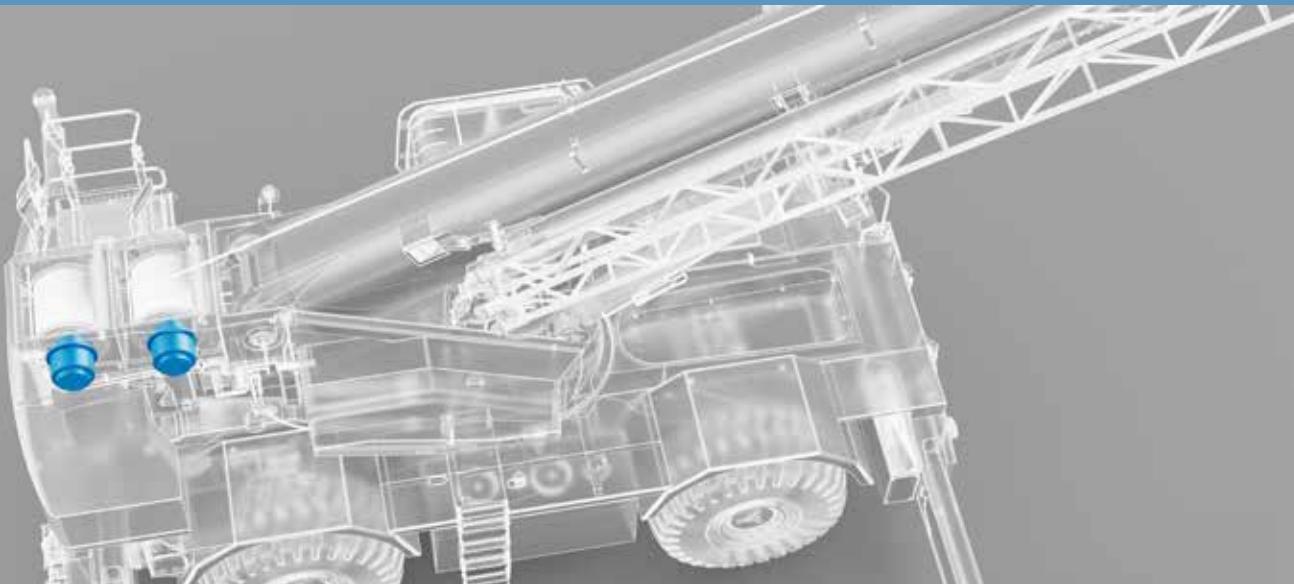
ELECTRIC SOLUTIONS

- Compact structure
- High performance
- Adaptability

- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

#### Torque (Nm)

S5	5.000	S35	35.000
S7	7.000	S40	40.000
S10	10.000	S54	54.000
S13	13.000	S60	60.000
S20	20.000	S90	90.000
S30	30.000	S130	130.000



## 700C Series

### Winch drives

 HYDRAULIC SOLUTIONS  ELECTRIC SOLUTIONS

### BENEFITS

- Compact design
- Designed for high-volume series applications

### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request

### TECHNICAL DATA

Max Torque (Nm) up to			
705 C2 H	4.800	715 C3 B	55.000
706 C3 B	9.500	716 C3 B	76.000
707 C3 B	19.000	717 C3 H	95.000
709 C3 B	23.000	718 C3 H	105.000
710 C3 B	29.000	720 C3 H	174.000
711 C3 B	32.000	722 C3 H	249.000
713 C3 B	45.000		

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli



## 800 Series

### Winch drives

 HYDRAULIC SOLUTIONS  ELECTRIC SOLUTIONS

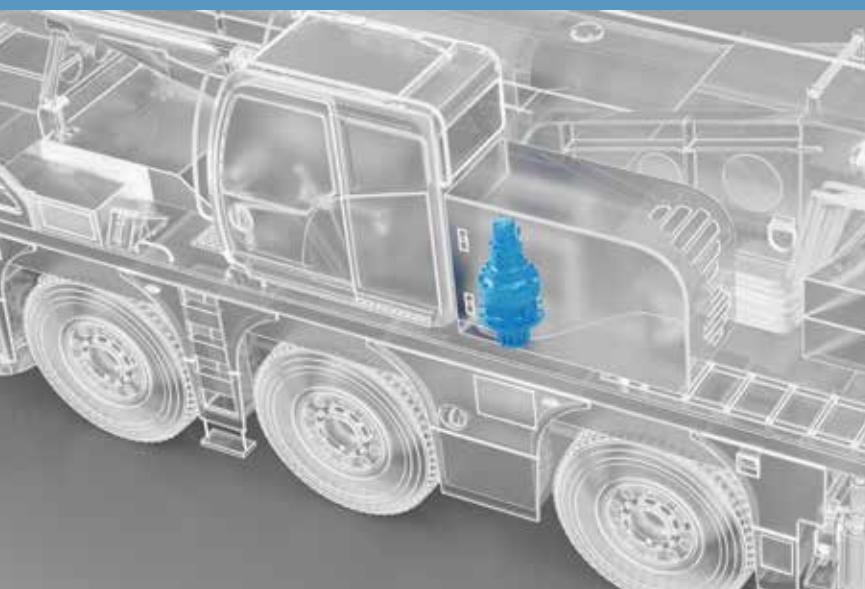
- Modular design ensures high flexibility and fast delivery using the standard components of the 300 Series

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input

Max Torque (Nm) up to		
810 W L3	30.000	
813 W L3	45.000	
815 W L3	58.000	
818 W L3	120.000	
824 W L3	285.000	

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli



3

## TRUCK-MOUNTED CRANES

### Slew drives

Bonfiglioli slew drives provide the safest, most effective solution for truck-mounted cranes. Our product flexibility matches the versatility of this typical application, allowing the highest reach and the best maneuverability.

### Winch drives

Based on the specific application requirements, each lifting or pulling truck-mounted winch drive is developed to improve performance in the space available.



## 700T Series

### Slew Drives



HYDRAULIC SOLUTIONS

### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request
- Adaptability

### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

700 T	1.000	706 T	7.500
701 T	1.800	707 T	9.000
703 T	2.500	709 T	12.000
704 T	3.600	710 T	18.000
705 T	5.000	711 T	20.000



## S Series

### Slew Drives



HYDRAULIC SOLUTIONS



ELECTRIC SOLUTIONS

- Compact structure
- High performance
- Adaptability

- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

#### Torque (Nm)

S5	5.000	S35	35.000
S7	7.000	S40	40.000
S10	10.000	S54	54.000
S13	13.000	S60	60.000
S20	20.000	S90	90.000
S30	30.000	S130	130.000



## 700C Series

### Winch drives

 | HYDRAULIC SOLUTIONS
  | ELECTRIC SOLUTIONS

### BENEFITS

- Compact design
- Designed for high-volume series applications

### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request

### TECHNICAL DATA

#### Max Torque (Nm) up to

705 C2 H	4.800	715 C3 B	55.000
706 C3 B	9.500	716 C3 B	76.000
707 C3 B	19.000	717 C3 H	95.000
709 C3 B	23.000	718 C3 H	105.000
710 C3 B	29.000	720 C3 H	174.000
711 C3 B	32.000	722 C3 H	249.000
713 C3 B	45.000		

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact [Bonfiglioli](http://Bonfiglioli)





## 4

### CRAWLER CRANES

#### Winch Drives

Based on the specific application requirements, each winch drive for lifting cranes is developed to improve performance and work within the small spaces available.

#### Slew drives

Our slew drives provide the safest, most effective solution to crawler cranes. Our product flexibility matches the versatility of this typical application, allowing the highest reach and the best maneuverability.

#### Track drives

With a reliable series of products, Bonfiglioli gives OEMs the best possible choice of track drive systems for crawler cranes. The reliability and robustness of this series allow the machine to withstand harsh environments and extend service life.



## WINCH DRIVES



### 700C Series

#### Winch drives

HYDRAULIC SOLUTIONS | ELECTRIC SOLUTIONS

#### BENEFITS

- Compact design
- Designed for high-volume series applications



### FW Series

#### Winch drives

HYDRAULIC SOLUTIONS | ELECTRIC SOLUTIONS

#### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request



### 800 Series

#### Winch drives

HYDRAULIC SOLUTIONS | ELECTRIC SOLUTIONS

#### TECHNICAL DATA

##### Max Torque (Nm) up to

705 C2 H	4.800
706 C3 B	9.500
707 C3 B	19.000
709 C3 B	23.000
710 C3 B	29.000
711 C3 B	32.000
713 C3 B	45.000
715 C3 B	55.000
716 C3 B	76.000
717 C3 H	95.000
718 C3 H	105.000
720 C3 H	174.000
722 C3 H	249.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli

##### Max Torque (Nm) up to

FW30	15.000
FW40	20.000
FW55	25.000
FW80	39.000
FW100	52.000
FW130	73.000
FW180	112.000
FW220	133.000
FW260	150.000
FW360	200.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli

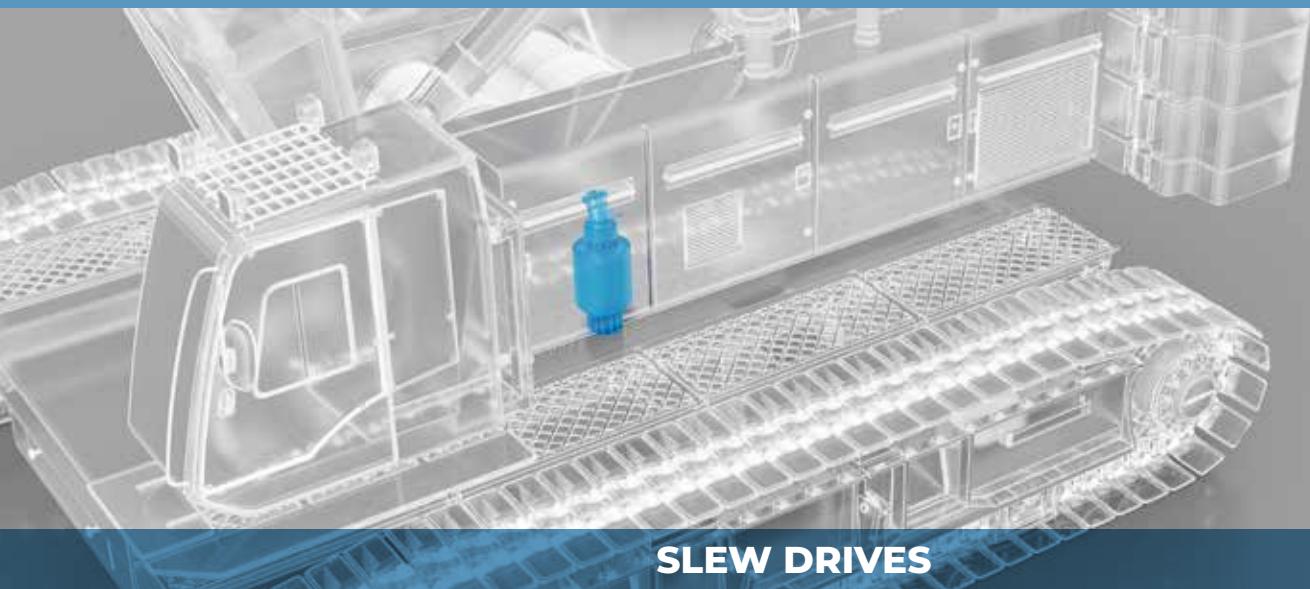
##### Max Torque (Nm) up to

810 W L3	30.000
813 W L3	45.000
815 W L3	58.000
818 W L3	120.000
824 W L3	285.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli





## SLEW DRIVES



### 700T Series

#### Slew Drives



HYDRAULIC SOLUTIONS

#### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request

#### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

#### TECHNICAL DATA

##### Torque (Nm)

700 T	1.000	706 T	7.500
701 T	1.800	707 T	9.000
703 T	2.500	709 T	12.000
704 T	3.600	710 T	18.000
705 T	5.000	711 T	20.000

### S Series

#### Slew Drives



HYDRAULIC SOLUTIONS



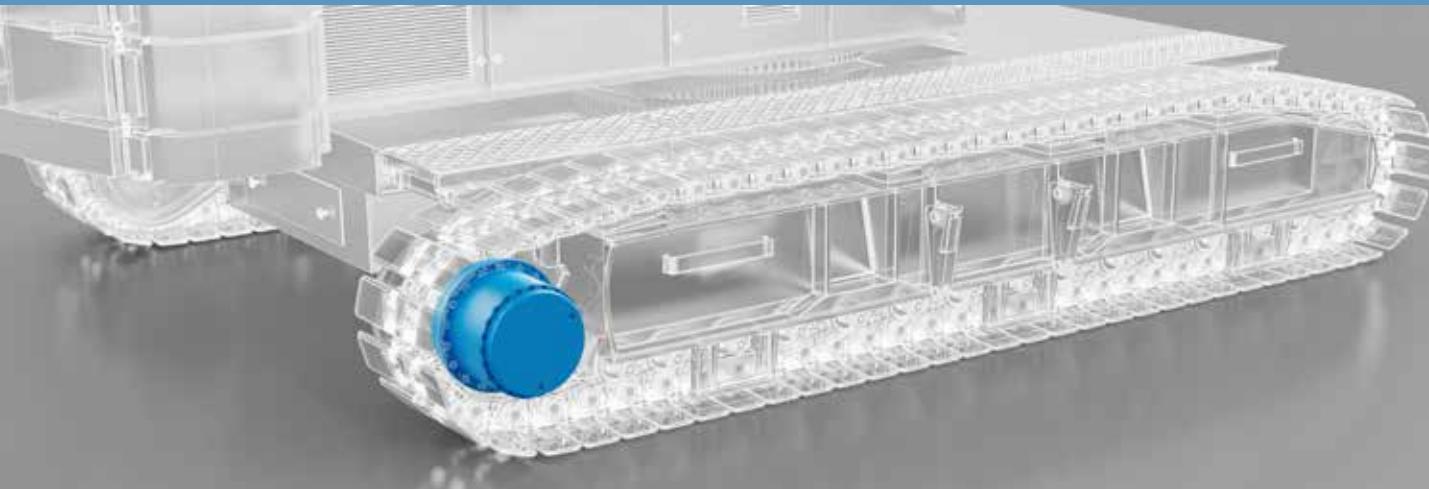
ELECTRIC SOLUTIONS

- Compact structure
- High performance

- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

##### Torque (Nm)

S5	5.000	S35	35.000
S7	7.000	S40	40.000
S10	10.000	S54	54.000
S13	13.000	S60	60.000
S20	20.000	S90	90.000
S30	30.000	S130	130.000



## TRACK DRIVES



### 700C Series

#### Track Drives

 HYDRAULIC SOLUTIONS
  ELECTRIC SOLUTIONS

#### BENEFITS

- Safe & efficient solutions
- Compact design



### 700CK Series

#### Track Drives

 HYDRAULIC SOLUTIONS

- Compact, lightweight design
- Range of torques
- Motor-gearbox integrated solution



### F Series

#### Track Drives

 HYDRAULIC SOLUTIONS
  ELECTRIC SOLUTIONS

- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

#### FEATURES

- Rotating housing
- Lifelong mechanical seals on request
- Multiple ratios
- Integrated disc-brake

- Integrated motor-gearbox powered by hydraulic motor developed with Kayaba
- Rotating housing
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- Integrated disc-brake

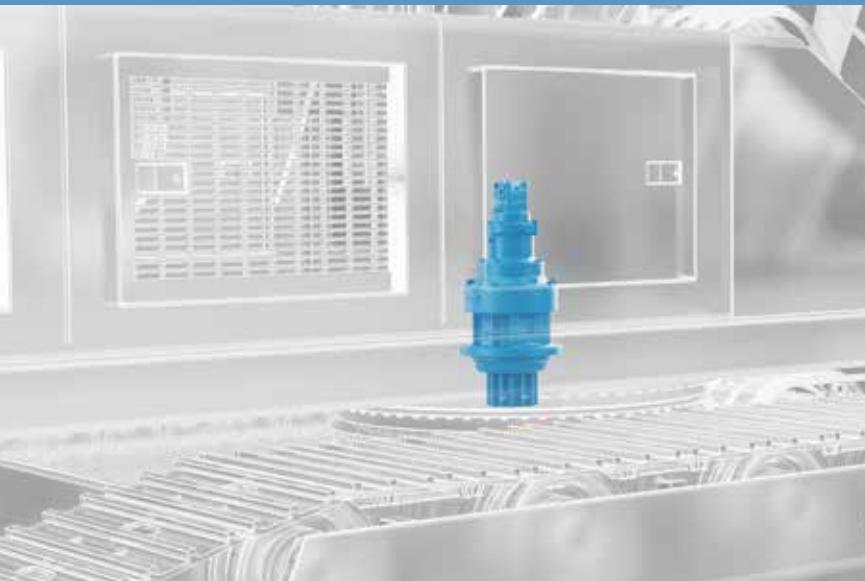
- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

#### TECHNICAL DATA

Torque (Nm)	
706 C3 B	18.000
707 C3 B	26.000
709 C3 B	30.000
710 C3 B	36.000
711 C3 B	45.000
713 C3 B	60.000
715 C3 B	85.000
716 C3 B	100.000
717 C3 H	130.000
718 C3 H	180.000
720 C3 H	220.000
722 C3 H	330.000

Torque (Nm)	
700 C2 K	1.200
700-2C2 K	1.900
701 C2 K	2.500
702 C2 K	3.500
704 C2 K	5.000

Torque (Nm)	
F130	130.000
F180	180.000
F220	220.000
F260	260.000
F280	280.000
F340	340.000
F360	360.000
F420	420.000
F620	620.000
F800	800.000
F1100	1.100.000
F1300	1.300.000
F1800	1.800.000
F2000	2.000.000
F2200	2.200.000
F3000	3.000.000



## 5

## DRILLING MACHINES

## Slew drives

Reliability and high torque capabilities are the two key benefits of our slew drive applications for drilling rigs up to 400 tons.

## Track drives

With a series of reliable products, Bonfiglioli gives every OEM the best possible options for choosing a track drive system. High performance, including high torque in a compact space, is one of our portfolio's key benefits.



## 700T Series

## Slew Drives



## BENEFITS

- Wide torque range
- Complete motor-gearbox available on request

## FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

## TECHNICAL DATA

## Torque (Nm)

700 T	1.000	706 T	7.500
701 T	1.800	707 T	9.000
703 T	2.500	709 T	12.000
704 T	3.600	710 T	18.000
705 T	5.000	711 T	20.000

## S Series

## Slew Drives



- Compact structure
- High performance

- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

## Torque (Nm)

S5	5.000	S35	35.000
S7	7.000	S40	40.000
S10	10.000	S54	54.000
S13	13.000	S60	60.000
S20	20.000	S90	90.000
S30	30.000	S130	130.000



## 700C Series

### Track Drives

 HYDRAULIC SOLUTIONS

 ELECTRIC SOLUTIONS

### BENEFITS

- Safe & efficient solutions
- Compact design

### FEATURES

- Rotating housing
- Lifelong mechanical seals on request
- Multiple ratios
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

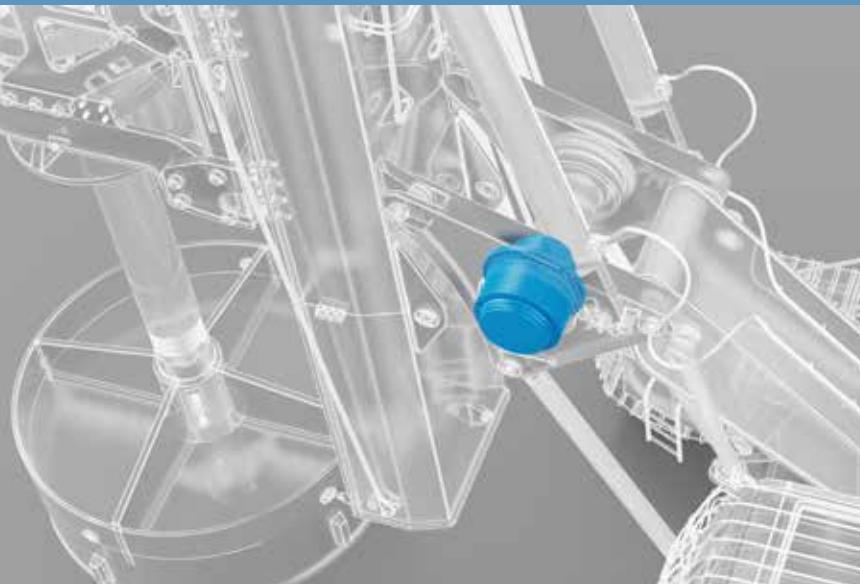
706 C3 B	18.000
707 C3 B	26.000
709 C3 B	30.000
710 C3 B	36.000
711 C3 B	45.000
713 C3 B	60.000
715 C3 B	85.000
716 C3 B	100.000
717 C3 H	130.000
718 C3 H	180.000
720 C3 H	220.000
722 C3 H	330.000

#### Torque (Nm)

705 C2 K	9.000
706 C3 K	18.000
707 C3 K	26.000
709 C3 K	30.000
710 C3 K	36.000
710 C2 K	40.000
713 C2 K	45.000
713 C3 K	60.000
715 C3 K	85.000
716 C3 K	100.000
718 C3 K	180.000
720 C3 K	220.000

#### Torque (Nm)

F130	130.000
F180	180.000
F220	220.000
F260	260.000
F280	280.000
F340	340.000
F360	360.000
F420	420.000



## 700C Series

### Winch drives

HYDRAULIC SOLUTIONS ELECTRIC SOLUTIONS

### BENEFITS

- Compact design
- Designed for high-volume series applications

### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request

### TECHNICAL DATA

#### Max Torque (Nm) up to

705 C2 H	4.800
706 C3 B	9.500
707 C3 B	19.000
709 C3 B	23.000
710 C3 B	29.000
711 C3 B	32.000
713 C3 B	45.000
715 C3 B	55.000
716 C3 B	76.000
717 C3 H	95.000
718 C3 H	105.000
720 C3 H	174.000
722 C3 H	249.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli

## FW Series

### Winch drives

HYDRAULIC SOLUTIONS ELECTRIC SOLUTIONS

- High "performance / dimension" ratio
- Robust design
- Special design available on request

- High torque range
- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input

#### Max Torque (Nm) up to

FW30	15.000
FW40	20.000
FW55	25.000
FW80	39.000
FW100	52.000
FW130	73.000
FW180	112.000
FW220	133.000
FW260	150.000
FW360	200.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli

## 800 Series

### Winch drives

HYDRAULIC SOLUTIONS ELECTRIC SOLUTIONS

- Modular design ensures high flexibility and fast delivery using the standard components of the 300 Series

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input

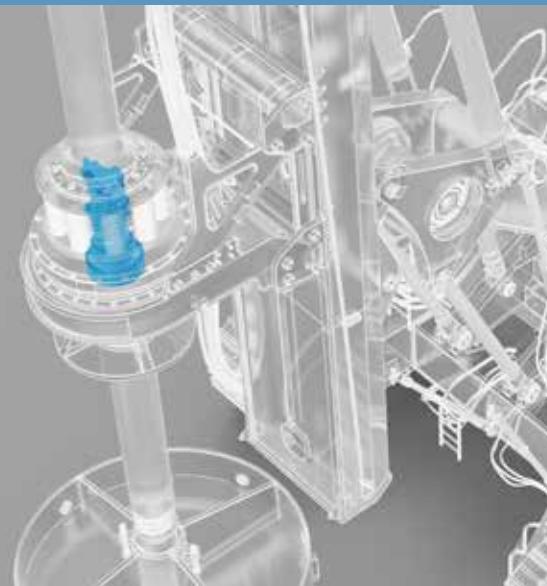
#### Max Torque (Nm) up to

810 W L3	30.000
813 W L3	45.000
815 W L3	58.000
818 W L3	120.000
824 W L3	285.000

Considering FEM M5-L2-T5 @ output speed 15 rpm

Max torque values depend on ratio and linear or angular configuration, for specific selections contact Bonfiglioli





### Rotary head drives

Supplying the necessary power to the drilling machine, rotary head drives ensure greater efficiency and resistance for long work times.



## 300 Series

### Multipurpose planetary drives



#### BENEFITS

- Wide torque range
- Huge range of configurations
- Compact and powerful
- Resistant to shock loads
- High versatility

#### FEATURES

- Prearrangement for various hydraulic motors
- High oil volume capacity for thermal power dissipation

#### TECHNICAL DATA

Torque (Nm)			
306	8.500	311	40.000
307	12.500	313	55.000
309	18.000	314	80.000
310	25.000	315	100.000



## 6

## CRUSHERS &amp; SCREENERS

## Track drives

With a series of reliable products for crushing equipment, Bonfiglioli gives OEMs the best possible choice of a track drive system. High performance, including high torque in a compact space, is one of our portfolio's key benefits. These solutions ensure smooth machine operation and long product life.

## Conveyor drives

The performance of Bonfiglioli conveyor drives eliminates maintenance-intensive gearboxes, increasing reliability and cost savings.



## 700C Series

## Track Drives



## BENEFITS

- Safe & efficient solutions
- Compact design



## 700CE Series

## Track Drives



## FEATURES

- Rotating housing
- Lifelong mechanical seals on request
- Multiple ratios
- Integrated disc-brake

## Benefits for OEMs

- Ability to downsize and downspeed combustion engines
- Easy installation: electric solution dimensions comparable to standard hydrostatics
- Greater system reliability: fewer mechanical parts
- Virtually maintenance-free electric motors

- From sprocket to electric wire with only one supplier

## Benefits for end-users

- Reduced fuel consumption
- Increased productivity
- Better machine maneuverability
- The electric solution is cleaner: lower risk of oil spills

- Gear ratios up to 166
- Input speed up to 6,000 rpm
- Multistage planetary gearbox
- Rotating housing output
- Validated in the field

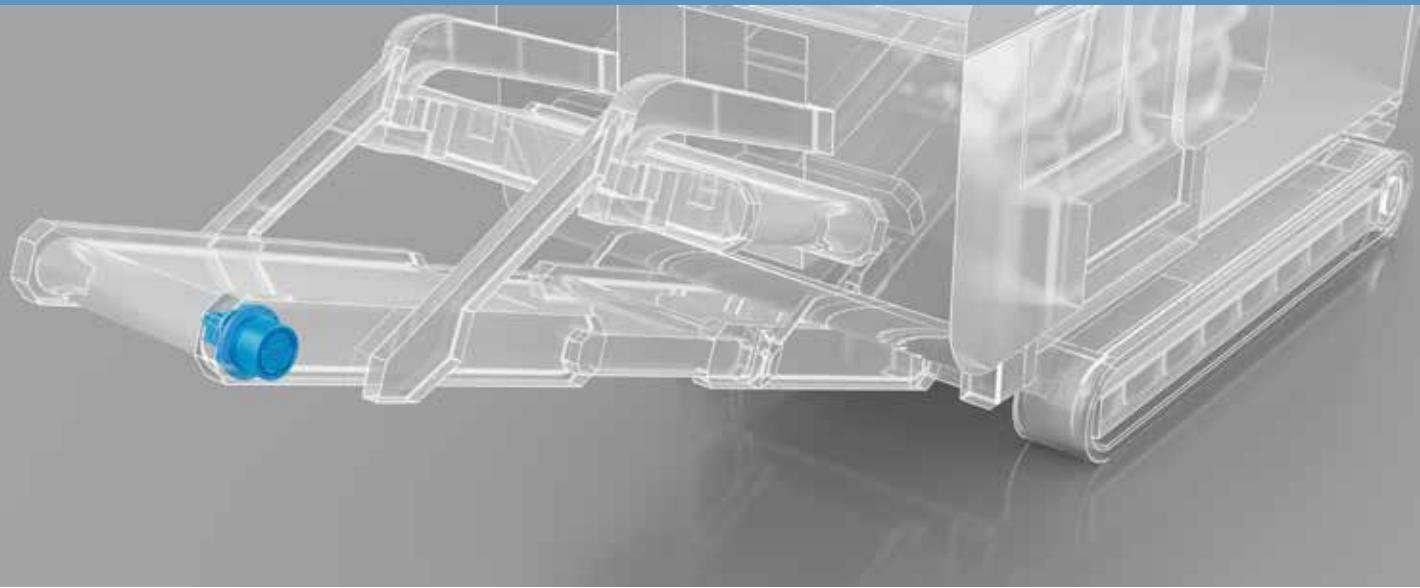
- Permanent magnet motors
- Suitable for 400 - 700Vdc batteries
- Liquid-cooled
- Aluminum or cast iron housing
- Protection rating >IP54

## TECHNICAL DATA

Torque (Nm)	
706 C3 B	18.000
707 C3 B	26.000
709 C3 B	30.000
710 C3 B	36.000
711 C3 B	45.000
713 C3 B	60.000
715 C3 B	85.000
716 C3 B	100.000
717 C3 H	130.000
718 C3 H	180.000
720 C3 H	220.000
722 C3 H	330.000

Torque (Nm)	
707 CE	26.000
709 CE	30.000
710 CE	36.000
711 CE	45.000
713 CE	60.000

Rated power (kW)	
BPM 240-L1	20
BPM 240-L2	35
BPM 240-L3	65
BPM 300-L1	100
BPM 300-L2	150



## F Series

### Track Drives

 HYDRAULIC SOLUTIONS

 ELECTRIC SOLUTIONS

### BENEFITS

- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

### FEATURES

- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

F130	130.000
F180	180.000
F220	220.000
F260	260.000
F280	280.000
F340	340.000
F360	360.000

## 800 Series

### Conveyor Drives

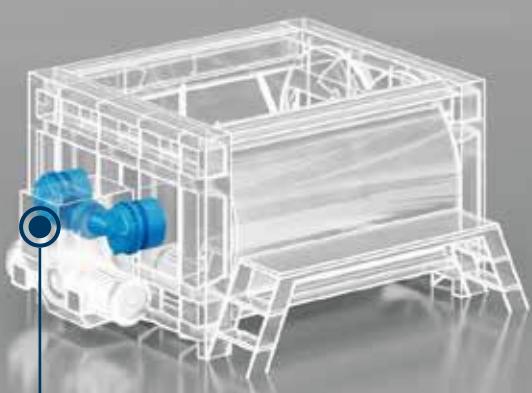
 HYDRAULIC SOLUTIONS

- High torque capacity
- High load capacity

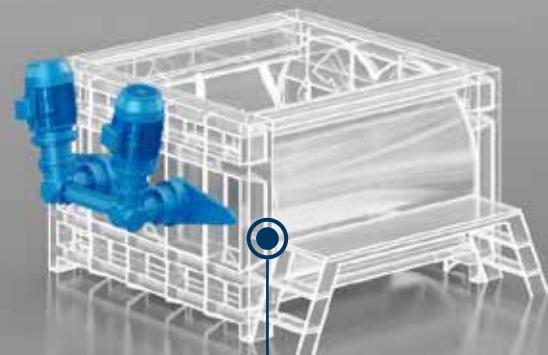
- Rotating housing flange
- Optional freewheel for anti-runback device

#### Torque (Nm)

805 W2	5.000
806 W2	10.000

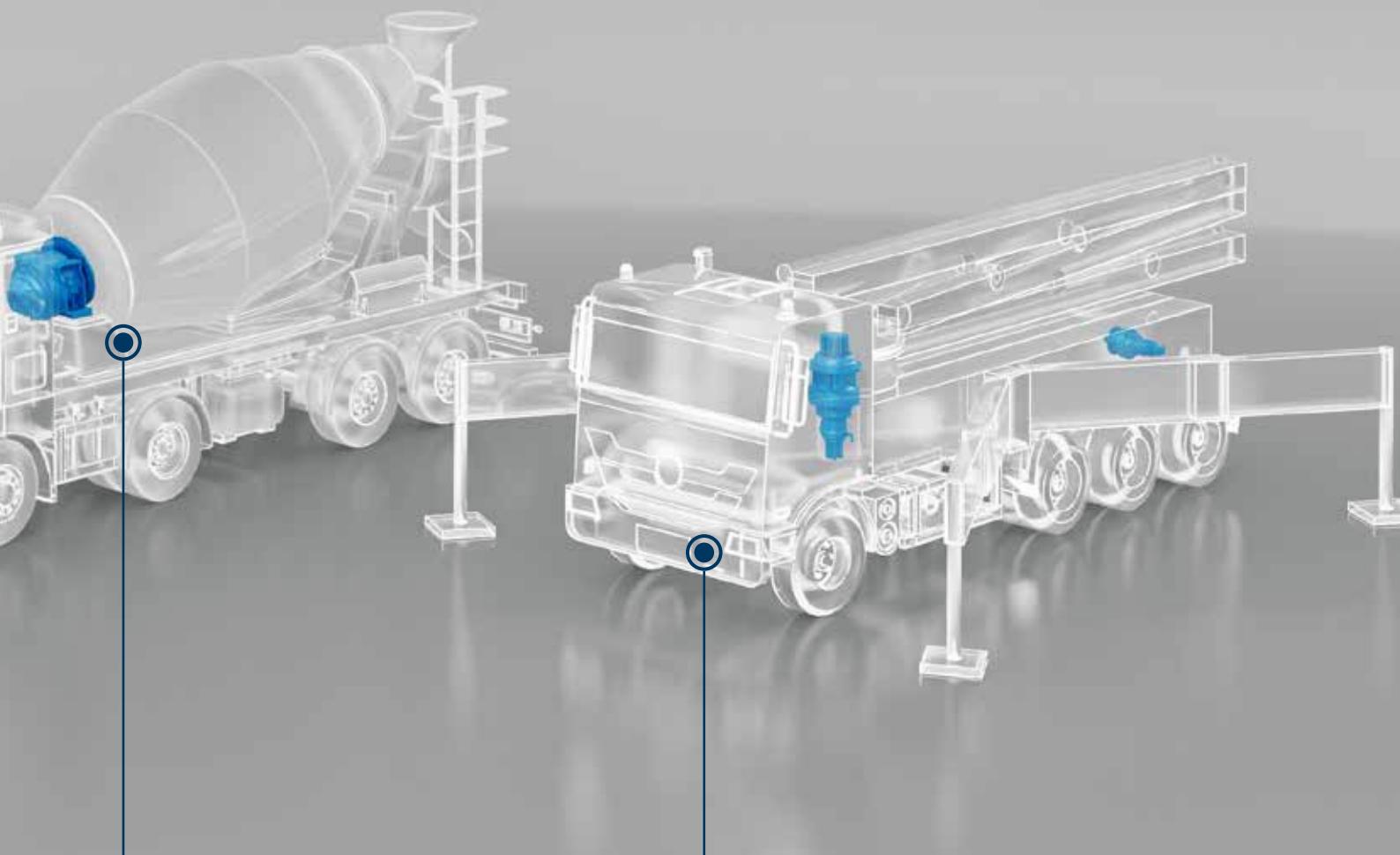


**1** CONCRETE MIXERS



**2** ASPHALT MIXERS





**4** TRANSIT MIXER TRUCKS

**3** TRUCK-MOUNTED CONCRETE PUMPS



## 1

## CONCRETE MIXERS

## Mixer drives

Bonfiglioli's highly versatile solutions fit these heavy-duty applications excellently, helping the machines to deliver optimal mixing results.



## 300 Series

Planetary gearbox and geared motor



## BENEFITS

- Modular design ensures high flexibility and fast delivery
- Huge range of configurations



## HDO Series

Helical Bevel Heavy Duty Gear Units



## FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input



## Active Cube Series

Premium Inverters

- Compact design
- Cost-saving
- Plug & play solution
- Standard cooling and optional water-cooling
- Tropicalized for harsh environments

- Spheroidal cast iron housing
- I/O shaft planarity and gearbox symmetry
- Wide range of options and accessories
- High design standards
- Atex - gearbox for explosive environments 2G/2D

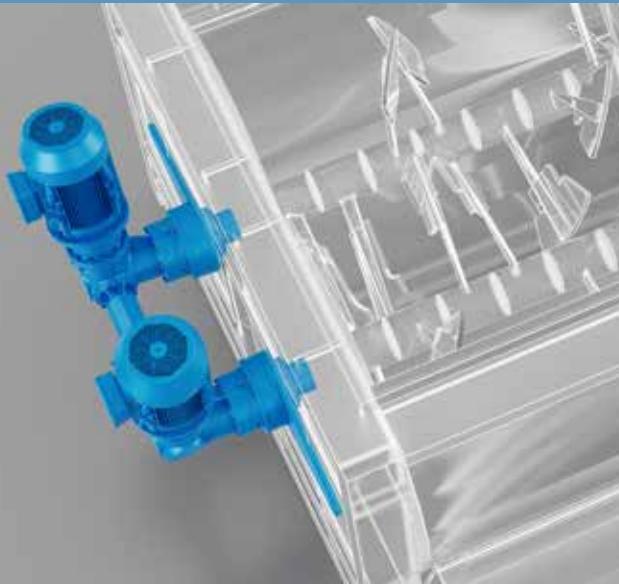
- Power from 0.25 to 400 kW
- Keypad for easy setup, commissioning, parameterization, copy function and diagnosis
- Interface for communication with PC
- Field bus communication: I/O Extension
- Encoder & feedback evaluation
- PC software

## TECHNICAL DATA

Torque (Nm)	
306	8.500
307	12.500
309	18.000
310	25.000
311	40.000
313	55.000
314	80.000
315	100.000
316	134.000

Torque (Nm)	
100	28.210
110	31.790
120	41.250
125	49.240
130	69.570
140	87.060
150	117.800
160	147.070
170	190.190
180	209.900





2

## ASPHALT MIXERS

### Mixer drives

Bonfiglioli's highly versatile solutions, with integrated mechanical synchronization, is suitable for these heavy-duty applications offering compactness and different machine fitting design.



### 300 Series

Planetary gearbox and geared motor



#### BENEFITS

- Modular design ensures high flexibility and fast delivery
- Huge range of configurations
- Mechanical synchronization capability thanks to two inputs: one for the motor and the other for the coupling joint.

#### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Special paint on request
- Linear and angular input

#### TECHNICAL DATA

Torque (Nm)	
305	5.000
306	8.500
307	12.500
309	18.000
310	25.000
311	40.000
313	55.000
314	80.000



### HDO Series

Helical Bevel Heavy Duty Gear Units



- Highly transmissible power
- Robustness
- Mounting flexibility
- Reliability
- Usable in explosive environments

- Spheroidal cast iron housing
- I/O shaft planarity and gearbox symmetry
- Wide range of options and accessories
- High design standards
- Atex - gearbox for explosive environments 2G/2D

Torque (Nm)	
100	28.210
110	31.790
120	41.250
125	49.240
130	69.570
140	87.060
150	117.800
160	147.070
170	190.190
180	209.900

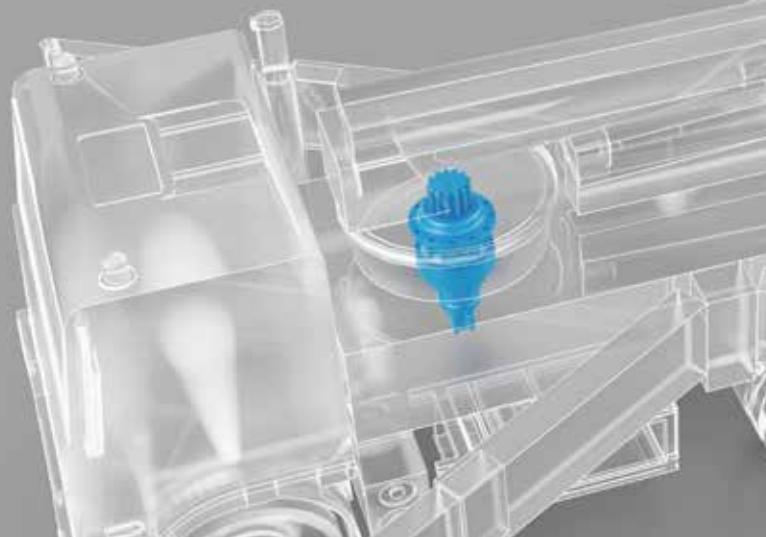


### Active Cube Series

Premium Inverters

- Compact design
- Cost-saving
- Plug & play solution
- Standard cooling and optional water-cooling
- Tropicalized for harsh environments

- Power from 0.25 to 400 kW
- Keypad for easy setup, commissioning, parameterization, copy function and diagnosis
- Interface for communication with PC
- Field bus communication: I/O Extension
- Encoder & feedback evaluation
- PC software



## 700T Series

### Slew Drives



### BENEFITS

- Wide torque range
- Complete motor-gearbox available on request

### FEATURES

- Flange mounted
- Output shaft: splined or with integral pinion
- Integrated disc-brake

### TECHNICAL DATA

#### Torque (Nm)

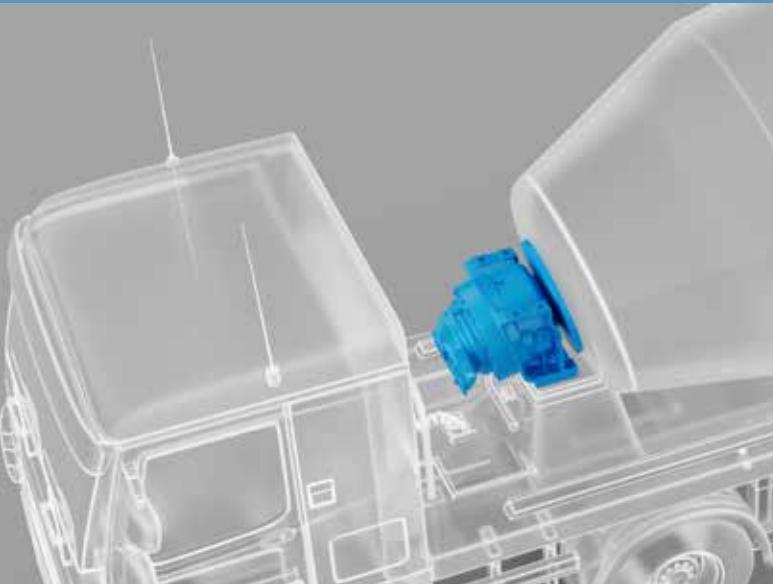
700 T	1.000	706 T	7.500
701 T	1.800	707 T	9.000
703 T	2.500	709 T	12.000
704 T	3.600	710 T	18.000
705 T	5.000	711 T	20.000

3

## TRUCK-MOUNTED CONCRETE PUMPS

### Slew drives

Bonfiglioli slew drives provide the safest, most effective solution for truck-mounted concrete pumps. Our product flexibility matches the versatility of this typical application, allowing the highest reach and the best maneuverability.



4

## TRANSIT MIXER TRUCKS

### Drum drives

Our solutions improve the key features of concrete trucks, including rpm control precision, noise levels and fuel consumption, as well as reducing maintenance costs. Available in both electric and hydraulic versions, Bonfiglioli drum drives meet machine builders' needs perfectly. The electric version not only guarantees greater energy efficiency and reduced fuel consumption, but also helps cut cement mixer truck operating costs.



### 500 Series

#### Drum drives



HYDRAULIC SOLUTIONS

#### BENEFITS

- High torque capacity
- High load capacity
- Rugged design



### 500 Series

#### Drum drives



ELECTRIC SOLUTIONS

#### FEATURES

- Rotating housing flange
- Tilting output flange, evenly in all directions
- Mounting frame for water flange on request
- Water pump P.T.O. on request
- Speed sensor on request

- Gear ratio optimized for high efficiency electric motors
- Accurate rotation speed control
- Gear profile optimized for low noise

#### TECHNICAL DATA

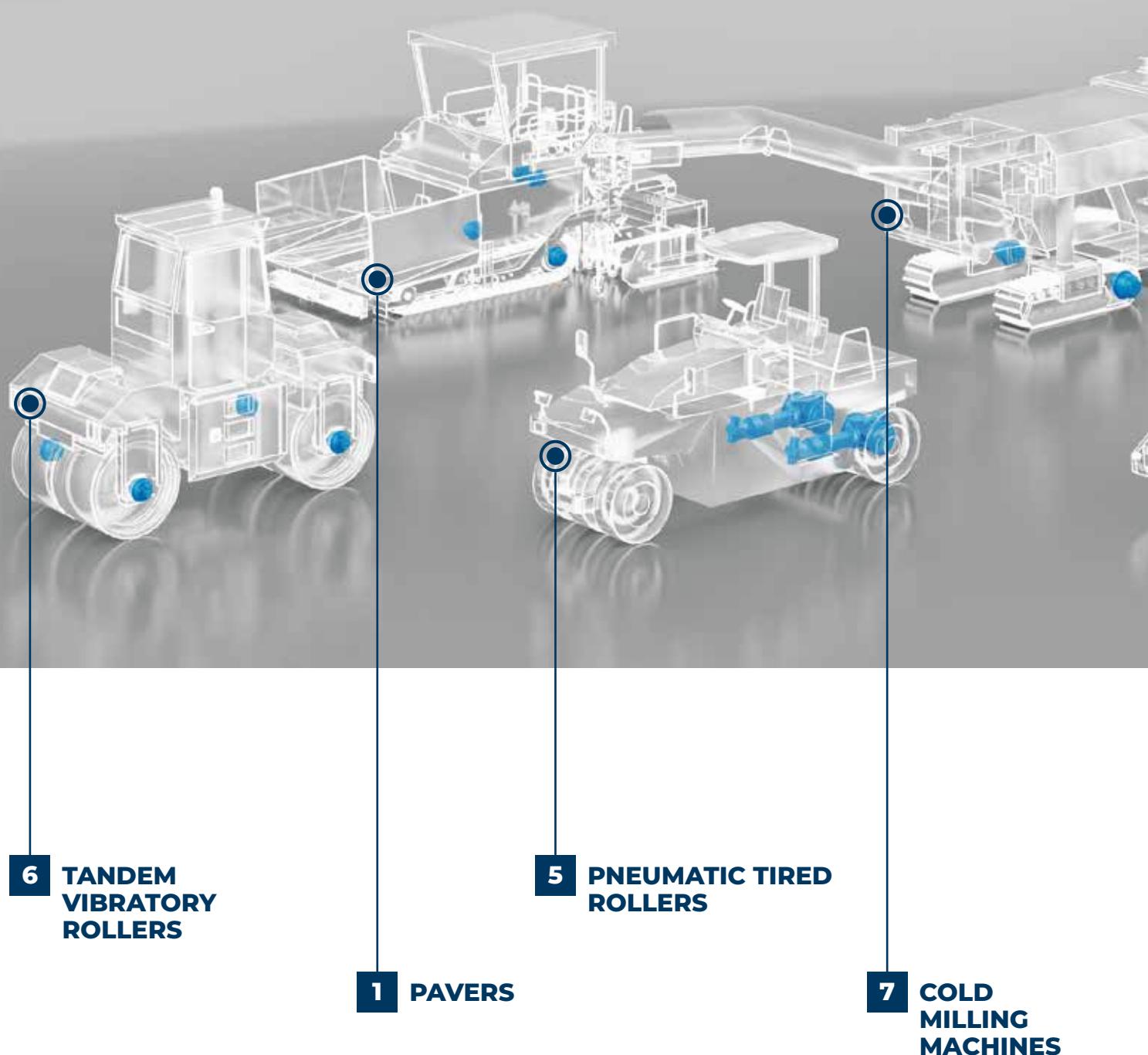
##### Torque (Nm)

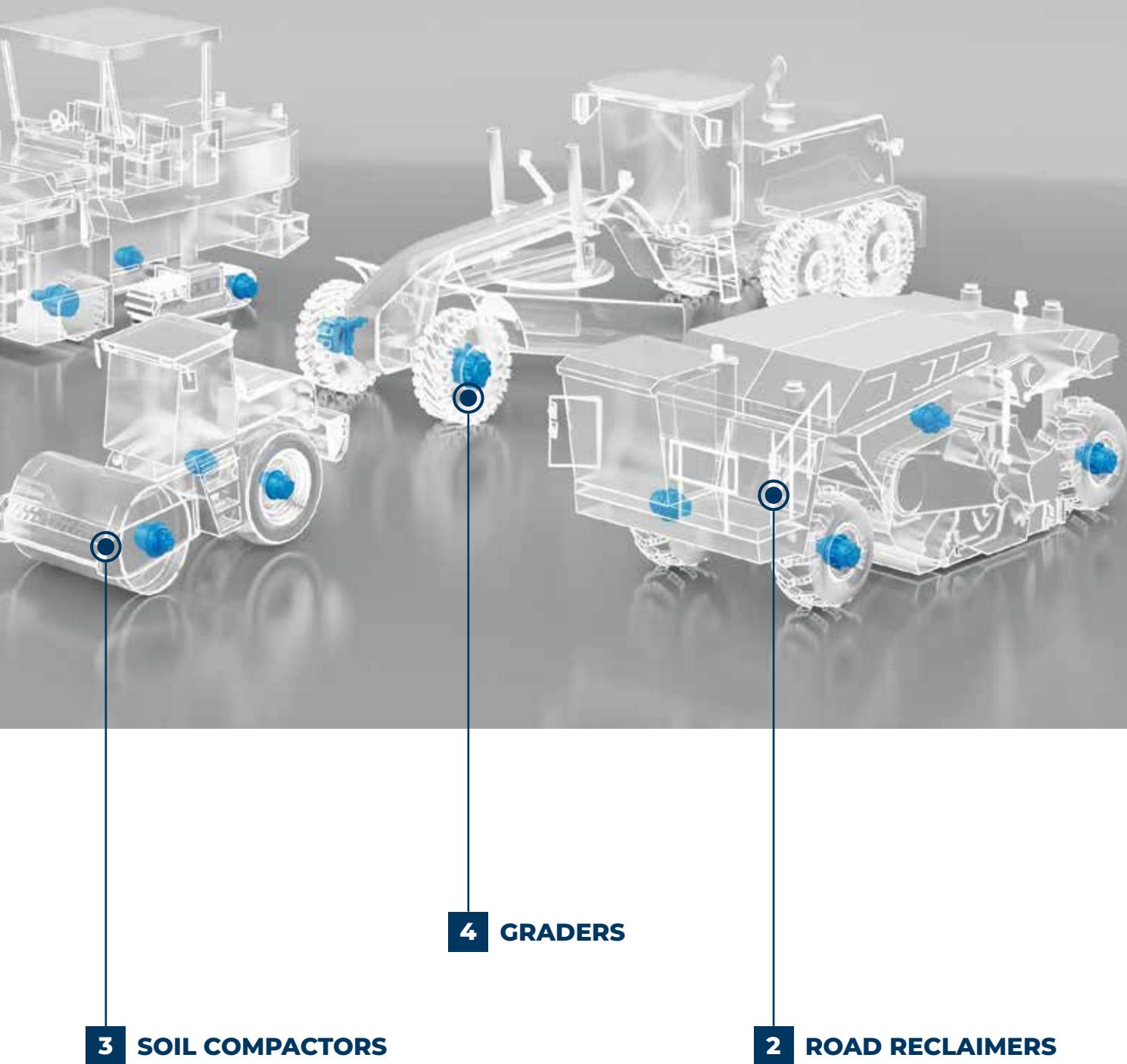
501	3.000
564	12.000
565	12.000
567	20.000
568	20.000
575	50.000
577	60.000
580	75.000

##### Torque (Nm)

575	50.000
577	60.000
580	75.000









## 700C Series

### Track Drives

 HYDRAULIC SOLUTIONS  ELECTRIC SOLUTIONS

### BENEFITS

- Compact design
- Designed for high-volume series applications

### FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request

### TECHNICAL DATA

#### Torque (Nm)

705C2H	4.800	715C3B	55.000
706C3B	9.500	716C3B	76.000
707C3B	19.000	717C3H	95.000
709C3B	23.000	718C3H	105.000
710C3B	29.000	720C3H	174.000
711C3B	32.000	722C3H	249.000
713C3B	45.000		

## 1

### PAVERS

#### Track drives

For any tracked paving machine, no matter how big or small, there is a suitable travel drive in the Bonfiglioli range, allowing the machine to move smoothly backwards and forwards. Hydraulic units are available with a fail-safe parking brake and most have a cartridge-type fixed or variable displacement hydraulic motor.



## F Series

### Track Drives

 HYDRAULIC SOLUTIONS  ELECTRIC SOLUTIONS

- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

#### Torque (Nm)

F13A	13.000
FD20	20.000
F30	30.000
F40	40.000
F55	55.000
F80	80.000
F100	100.000



## 700CE Series

### Track Drives



### BENEFITS

#### Benefits for OEMs

- Ability to downsize and downspeed combustion engines
- Easy installation: electric solution dimensions comparable to standard hydrostatics
- Greater system reliability: fewer mechanical parts
- Virtually maintenance-free electric motors
- From sprocket to electric wire with only one supplier

### FEATURES

#### Gearbox

- Gear ratios up to 166
- Input speed up to 6,000 rpm
- Multistage planetary gearbox
- Rotating housing output
- Validated in the field

### TECHNICAL DATA

#### Torque (Nm)

707 CE	26.000
709 CE	30.000
710 CE	36.000
711 CE	45.000
713 CE	60.000

#### Rated power (kW)

BPM 240-L1	20
BPM 240-L2	35
BPM 240-L3	65
BPM 300-L1	100
BPM 300-L2	150



## 600W Series

### Wheel Drives



### BENEFITS

#### Benefits for OEMs

- Ability to downsize and downspeed combustion engines
- Easy installation: electric solution dimensions comparable to standard hydrostatics
- Greater system reliability: fewer mechanical parts
- Virtually maintenance-free electric motors

- From wheel bolt to electric wire with only one supplier

#### Benefits for end users

- Reduced fuel consumption
- Increased productivity
- Better machine maneuverability
- The electric solution is cleaner: lower risk of oil spills

### FEATURES

#### Gearbox

- Multistage planetary gearbox
- Rotating housing output
- Validated in the field

#### E-motor

- Permanent magnet motors
- Suitable for 400 - 700Vdc batteries
- Liquid-cooled
- Aluminum or cast iron housing
- Protection rating >IP54

### TECHNICAL DATA

#### Torque (Nm)

605 W..V..	10.000
606 W..V	17.000
607 W..V..	22.000
609 W..V..	30.000
610 W..V..	36.000
610 X	40.000
611 W..V..	45.000
613 W	60.000

#### Rated power (kW)

BPM 240-L1	20
BPM 240-L2	35
BPM 240-L3	65
BPM 300-L1	100
BPM 300-L2	150

#### Torque (Nm)

606W2/3	15.000
610W2/3	40.000
611W2/3	50.000



### Wheel and track drives

Bonfiglioli produces a series of reliable drives to offer paving machine builders a selection of quality drive systems. Our entire portfolio boasts top-level performances, including high torque in a compact space with limited axial dimensions. The electric version has fixed ratio or hydraulic-operated shift.



## 600W2/3 Series

### Wheel Drives



- High torque capacity
- Rugged design

- Rotating housing flange with studs to fit wheels and drums
- Optional mechanical gear disengagement on request



### Auger drives

Bonfiglioli supplies a specific solution for distribution augers that push asphalt outward to the desired width. Resistant to heavy loads, the range of products can withstand long working hours.



## 300 Series Mobile

### Auger drives



### BENEFITS

- Modular design ensures high flexibility and fast delivery
- Huge range of configurations

### FEATURES

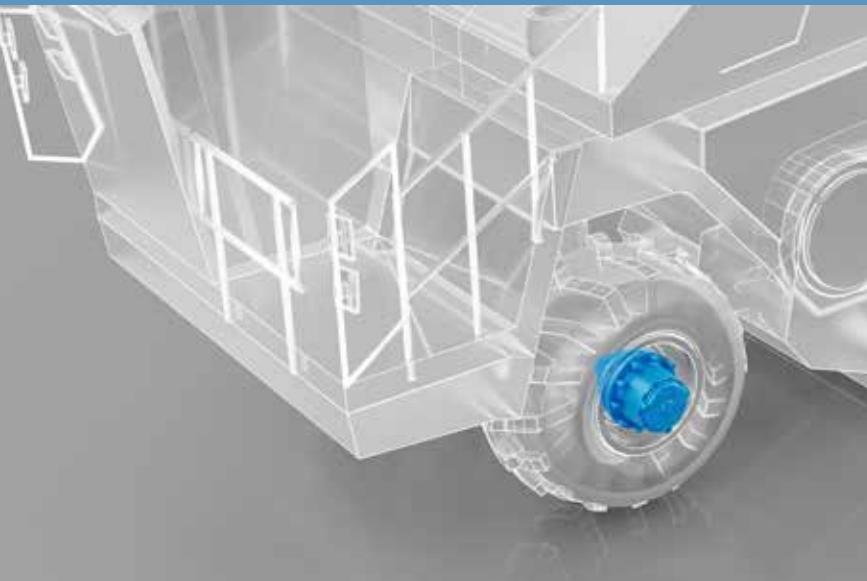
- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request

### TECHNICAL DATA

#### Torque (Nm)

300	1.000
301	1.750
303	2.500
304	3.600
305	5.000
306	8.500
307	12.500
309	18.000





2

## ROAD RECLAIMERS

### Wheel drives

With a reliable series of products for road reclaimers and graders, Bonfiglioli gives machine builders the best possible choice of drive systems. High performance, including high torque in a compact space with limited axial dimensions, is one of our portfolio's key benefits. These solutions include an optional disengagement device for towing the machine in an emergency.



## 600 Series

### Wheel drives



### BENEFITS

- High torque capacity
- Rugged design

### FEATURES

- Rotating housing flange with studs to fit wheels and drums
- Optional mechanical gear disengagement on request

### TECHNICAL DATA

#### Torque (Nm)

610 W	30.000
611 W	45.000
613 W	60.000



## 3

## SOIL COMPACTORS

## Wheel drives

High performance, including high torque in a compact space with limited axial dimensions, is one of our portfolio's key benefits.

## Drum drives

Extreme compactness, light weight, efficiency and smooth operation are the key features of Bonfiglioli travel drives for soil compactor machines.



## 600 Series

## Wheel drives



- High torque capacity
- Rugged design



## 700C Series

## Wheel drives



- Safe & efficient solutions
- Compact design



## F Series

## Drum drives



- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

## BENEFITS

## FEATURES

## TECHNICAL DATA

- Rotating housing flange with studs to fit wheels and drums
- Optional mechanical gear disengagement on request

- Rotating housing
- Multiple ratios
- Integrated disc-brake

- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

Torque (Nm)	
603 W	4.000
605 W	7.000
606 W	12.000
607 W	17.000
609 W	23.000

Torque (Nm)	
706 C	18.000
707 C	26.000
709 C	30.000
710 C	36.000
711 C	45.000
713 C	60.000

Torque (Nm)	
F13A	13.000
FD20	20.000
F30	30.000
F40	40.000
F55	55.000
F80	80.000
F100	100.000



4

**GRADERS****Wheel drives**

High performance, including high torque in a compact space with limited axial dimensions, is one of our portfolio's key benefits. These solutions include an optional disengagement device for towing the machine in an emergency.

**600 Series****Wheel drives**

**BENEFITS**

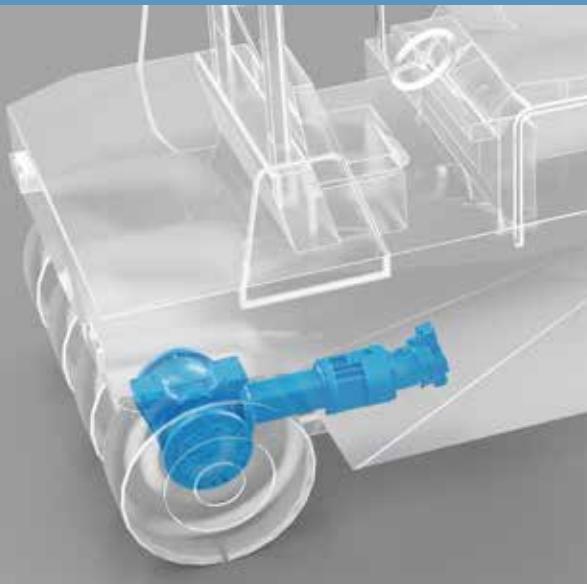
- Customized & compact design
- Resistant
- High performance

**FEATURES**

- High-speed clutch device

**TECHNICAL DATA**

	Torque (Nm)
606 W2	15.000



5

## PNEUMATIC TIRED ROLLERS

### Wheel drives

With a series of reliable products, Bonfiglioli offers builders of pneumatic tired rollers the best possible choice of drive systems. High performance, including high torque in a compact space with limited axial dimensions, is one of our portfolio's key benefits.



## 600Y Series

### Wheel drives



### BENEFITS

- Customized & compact design
- Resistant
- High performance

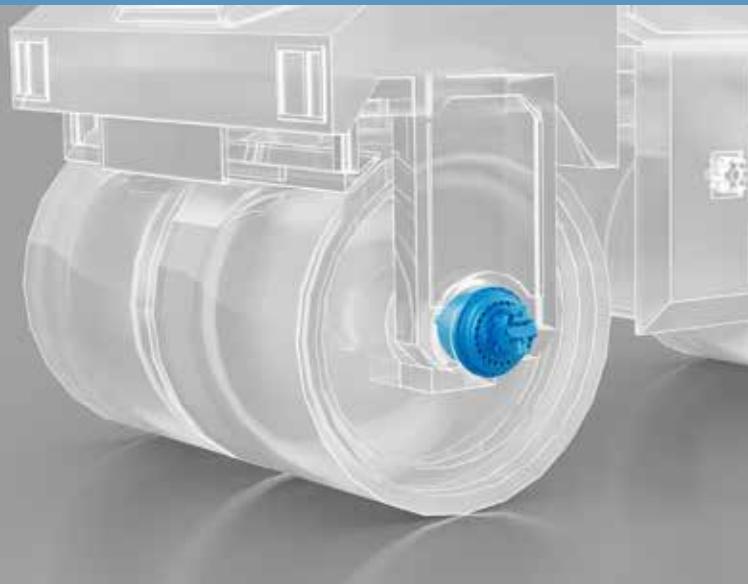
### FEATURES

- Brake designed for
  - Parking
  - Emergency stops
  - Dynamic braking at low speed (inching)
- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors

### TECHNICAL DATA

#### Torque (Nm)

605 Y3	14.000
606 Y3	22.000



6

## TANDEM VIBRATORY ROLLERS

### Drum drives

Bonfiglioli supplies efficient solutions with integrated, high-performance hydraulic motors and low maintenance braking systems for tandem vibratory roller machines.



## 700C Series

### Drum Drives

 HYDRAULIC SOLUTIONS  ELECTRIC SOLUTIONS

### BENEFITS

- Compact design
- Designed for high-volume series applications

### FEATURES

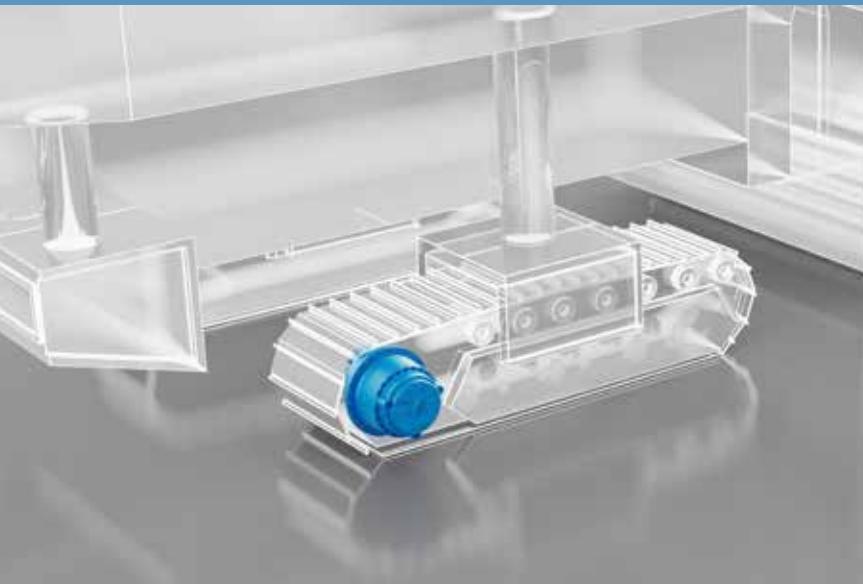
- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request

### TECHNICAL DATA

#### Torque (Nm)

700 C	1.000	707 C	26.000
701 C	2.200	709 C	30.000
703 C	4.000	710 C	36.000
705 C	10.000	711 C	45.000
706 C	18.000	713 C	60.000





## 7

## COLD MILLING MACHINES

## Wheel/Track drives

High performance, including high torque in a compact space with limited axial dimensions, is one of the key benefits of our wheeled drive portfolio.

## Cutter drives

Bonfiglioli cutter drives are also designed to withstand harsh environments and can endure critical temperatures without any risk of breakage that typically occurs with cold milling machines.



## 700C Series

## Track Drives

HYDRAULIC  
SOLUTIONSELECTRIC  
SOLUTIONS

## BENEFITS

- Compact design
- Designed for high-volume series applications

## FEATURES

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request

## TECHNICAL DATA

## Torque (Nm)

705 C	10.000	710 C	36.000
706 C	18.000	711 C	45.000
707 C	26.000	713 C	60.000
709 C	30.000		



## F Series

## Track Drives

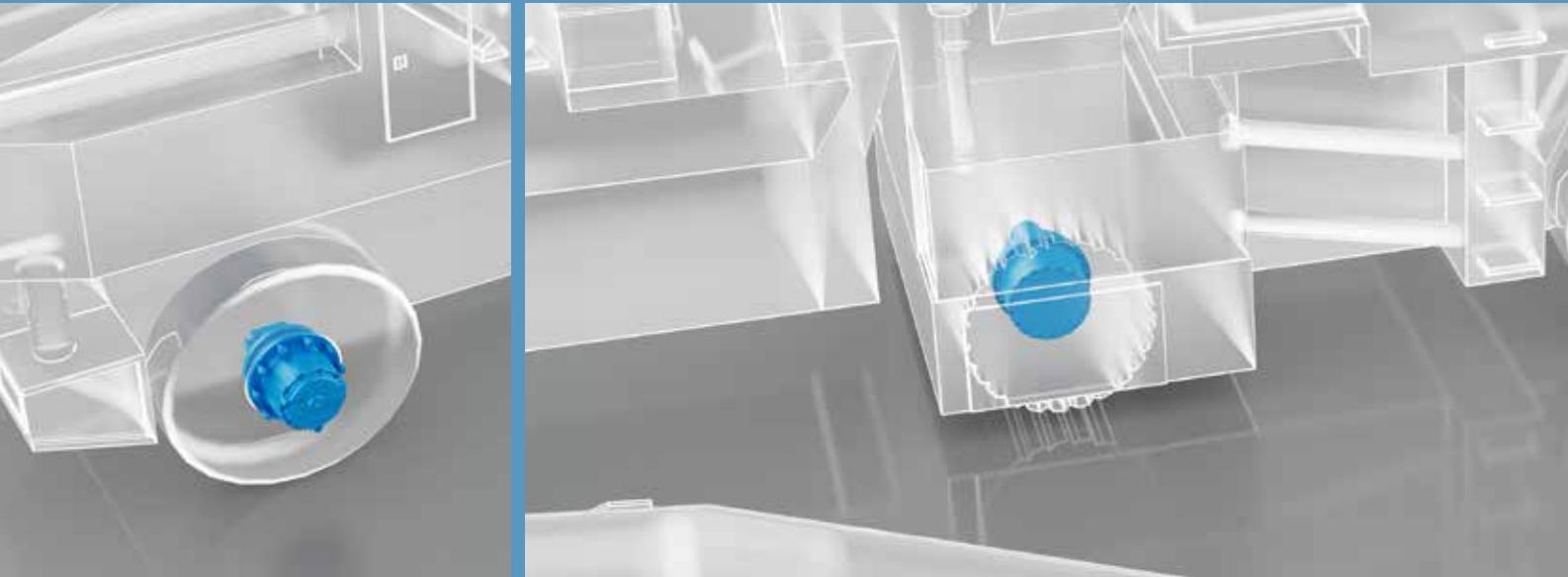
HYDRAULIC  
SOLUTIONSELECTRIC  
SOLUTIONS

- Rugged design
- High torque & load capacity
- Integrated hydraulic motor on request

- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

## Torque (Nm)

F13A	13.000
FD20	20.000
F30	30.000
F40	40.000
F55	55.000
F80	80.000
F100	100.000



## 600 Series

### Wheel drives

HYDRAULIC  
SOLUTIONS

### BENEFITS

- High torque capacity
- Rugged design

## 700C Series

### Cutter Drives

HYDRAULIC  
SOLUTIONSELECTRIC  
SOLUTIONS

- Optimized housing design
- Compact structure
- High performance

## FA Series

### Cutter Drives

HYDRAULIC  
SOLUTIONS

- Modular design for easy maintenance
- Compact structure
- High performance

- Rotating housing flange with studs to fit wheels and drums
- Optional mechanical gear disengagement on request
- Dual stage planetary reduction
- Integrated pulley support shaft with reinforced bearings
- Offset input available for increased cutting depth

- Optional two-speed shifting transmission
- Integrated disk-brake
- Notchless ground tooth root

### TECHNICAL DATA

#### Torque (Nm)

603 W	4.000
605 W	7.000
606 W	12.000
607 W	17.000
609 W	23.000
610 W	30.000
611 W	45.000
613 W	60.000

#### Torque (Nm)

710 C2 H	20.000
713 C2 H	25.000
716 C2 H	45.000

#### Torque (Nm)

FA 30	8.500
FA 40	12.000
FA 55	16.000
FA 80	23.000
FA 100	32.000
FA 130	38.000
FA 180	47.000
FA 200	52.000
FA 360	84.000
FA 800	115.000

# OUR GLOBAL 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.



**17**

PRODUCTION SITES



**23**

COMMERCIAL SITES



**80**

COUNTRIES



**550**

DISTRIBUTORS



**~5,000**

PEOPLE

## AUSTRALIA

**Bonfiglioli Transmission (Aust.) Pty Ltd**  
2, Cox Place Glendenning NSW 2761  
Locked Bag 1000 Plumpton NSW 2761  
Tel. +61 2 8811 8000



## BRAZIL

**Bonfiglioli Redutores do Brasil Ltda**  
Av. Osvaldo Fregonezi, 171, cjs 31 e 44  
CEP 09851-015 - 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

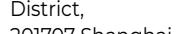


## Selcom Electronics (Shanghai) Co., Ltd

A7, No.5399, Waiqingsong Road, QingPu  
District,  
201707 Shanghai  
Tel. +86 21 6010 8100



A24, No.5399, Waiqingsong Road, QingPu  
District,  
201707 Shanghai  
Tel. +86 21 6010 8100



## FRANCE

**Bonfiglioli Transmission S.A.S.**  
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 Deutschland 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 Transmission Ltd.**  
**Mobility & Wind Industries**  
AC 7 - 11, SIDCO Industrial Estate,  
Thirumudivakkam  
Kancheepuram - 600132 - Tamil Nadu  
Tel. +91 844 844 8649



## Industry & Automation Solutions

Survey No. 528/1, Perambakkam High Road  
Mannur Village, Sriperumbudur Taluk  
Kancheepuram - 602 105 - Tamil Nadu  
Tel. +91 844 844 8649



## Industry & Automation Solutions

Plot No E-5/2, Badhalwadi  
Talegaon MIDC Phase II,  
Pune - 410 507 - Maharashtra  
Tel. +91 844 844 8649



## ITALY

### Bonfiglioli Riduttori S.p.A.

**Industry & Automation Solutions**  
Via Cav. Clementino Bonfiglioli, 1  
40012 Calderara di Reno  
Tel. +39 051 6473111



## Industry & Automation Solutions

Via Sandro Pertini, lotto 7b  
20080 Carpiano  
Tel. +39 02985081



## Mobility & Wind Industries

Via Enrico Mattei, 12 Z.I. Villa Selva  
47122 Forlì  
Tel. +39 0543 789111



## Industry & Automation Solutions

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



## Selcom Group S.p.A.

Via Achille Grandi, 5  
40013 Castel Maggiore (BO)  
Tel. +39 051 6387111



Via Marino Serenari, 18  
40013 Castel Maggiore (BO)  
Tel. +39 051 6387111



Via Cadriano, 19

40057 Cadriano (BO)

Tel. +39 051 6387111



## 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**  
Avinguda del Ferrocarril, nº 14,  
Polígon Industrial Can Estapé  
08755 Castellbisbal - Barcelona  
Tel. +34 93 447 84 00



## TURKEY

**Bonfiglioli Türkiye 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



## USA

**Bonfiglioli USA Inc.**  
3541 Hargrave Drive  
Hebron, Kentucky 41048  
Tel. +1 859 334 3333



## VIETNAM

**Bonfiglioli Vietnam Co. Ltd.**  
Lot C-9D-CN, My Phuoc 3 Industrial Park,  
Thoi Hoa ward, Ben Cat city, Binh Duong  
province, Vietnam  
Tel. +84 274 3577411





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