

We engineer dreams



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# Engineering Solutions







WWW.BONFIGLIOLI.COM

## CONSTRUCTION

#### THE WIDEST RANGE OF SOLUTIONS FOR THE CONSTRUCTION INDUSTRY

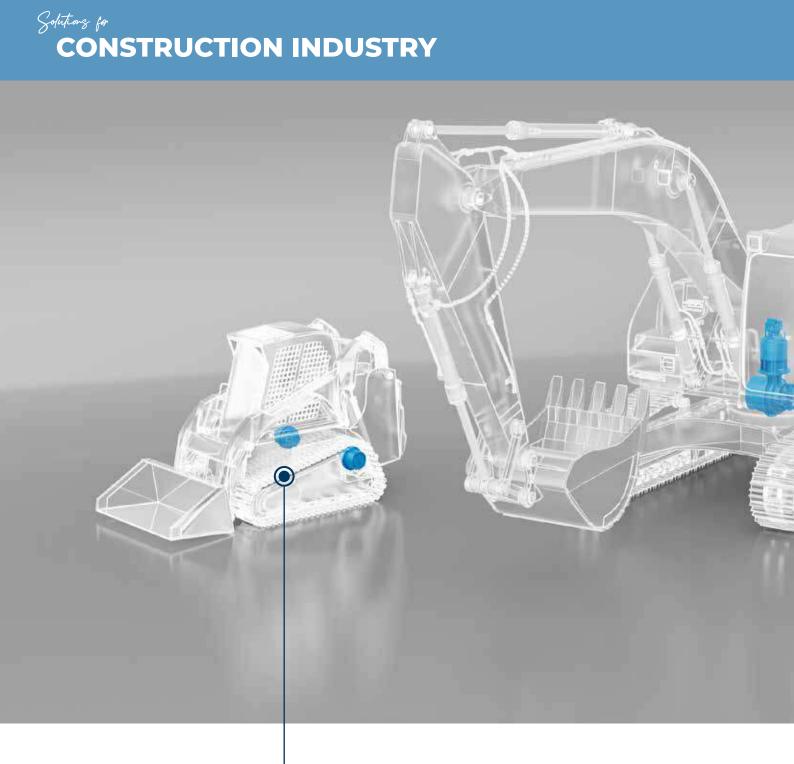
We have been enhancing construction equipment performance, efficiency, productivity and reliability for over 40 years. With experience working with the major players worldwide, our team of experts creates, designs and produces advanced technological solutions for a wide range of applications, including 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.

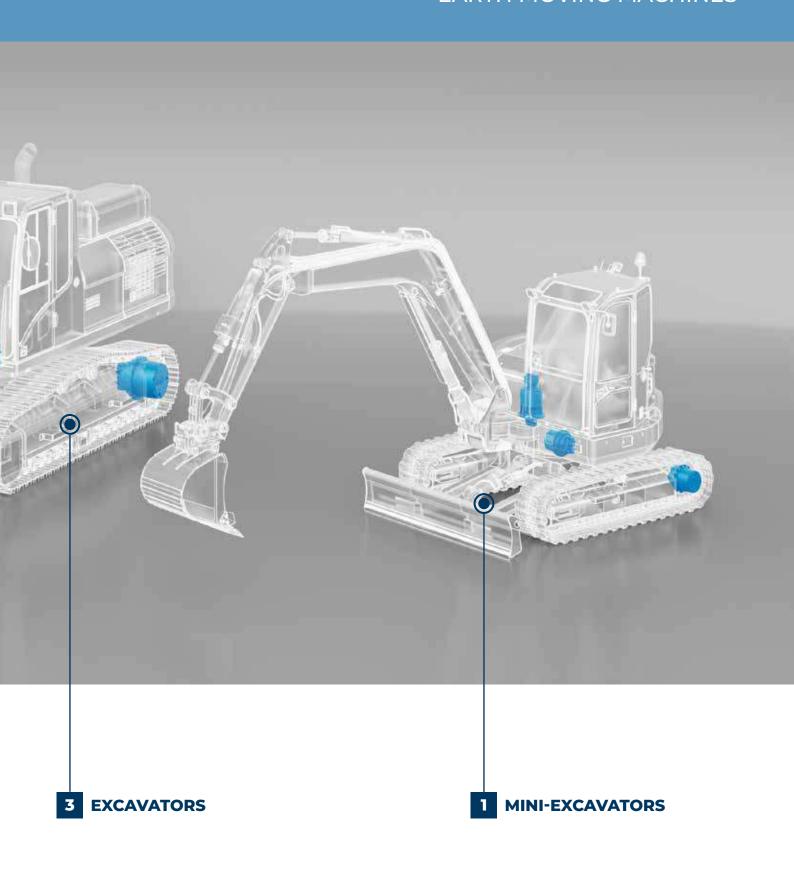




2 COMPACT TRACK LOADERS



## EARTH MOVING MACHINES



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.









**Track Drives** 



700TE Series | @ **Slew Drives** 



PM MOTOR Series | <a>®</a>



#### **Pump Drives**



- High performance
- · High torque in a limited space
- Reduced TCO

- Easy maintenance
- · Low noise
- No polluting emissions

BENEFITS

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

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

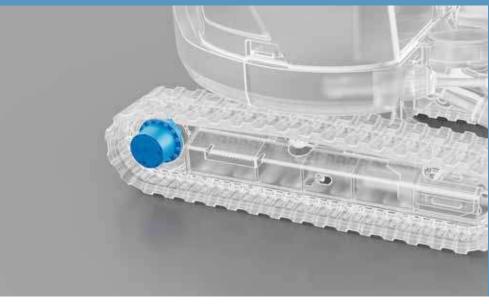
- Permanent magnet motors
- Suitable for 48-96 Vdc batteries
- · Air-cooled
- · Aluminum housing
- Protection rating >IP65
- · SAE flanges available

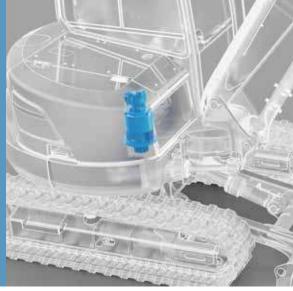
ATA	Torque (Nm)							
700 CE		1.200						
700-2	CE	1.900						
700-2 V		2.500						
702 CE		3.500						
704 CE		5.000						
705 CE		9,000					9,000	

Torque (Nm)							
700 TE		75	50				
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		

## EARTH MOVING MACHINES







700CK Series | 🛞



700CP Series | 🛞 **Track Drives** 



700TK Series | 🛞 **Slew Drives** 



## **Track Drives**



BENEFITS

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

- Compact, lightweight design
- Motor-gearbox integrated solution

### 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

ATA	Torque (Nm)							
	700 C2 K		1.	200				
7	700-2C2 K		1.900					
<b>V</b>	701 C2 K			2.5	00			
Ĭ	702 C2 K				3.500			
Ī	704 C2 K						5.000	

Torque (Nm)						
700 C2 P		1.20	00			
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.







#### **Track Drives**

## BENEFITS

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



## 700CTE Series | @



## Track Drives

- · Able to work in sensitive areas without
- · Machine works with no noise and less vibration
- Increased productivity
- · Less maintenance
- Maneuverability
- · Compact design

- 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

- 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

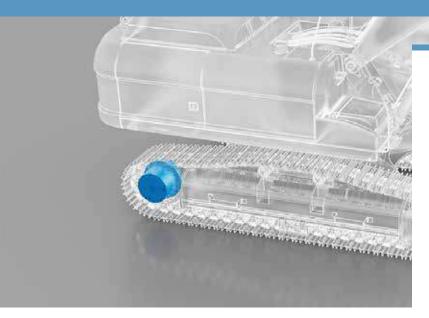
ATA	Torque (Nm)							
	702 CT		3.5	00				
4	704 CT			5.000				
S	705 CT				12.000			
Ĭ	706 CT				12.500			
7								

Torque (Nm)						
704 CTE		5,000				
705 CTE		12,500				

BPM 240-L2

## 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** 

## BENEFITS

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

#### • 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



F Series | 🛞 | 🎯 **Track Drives** 



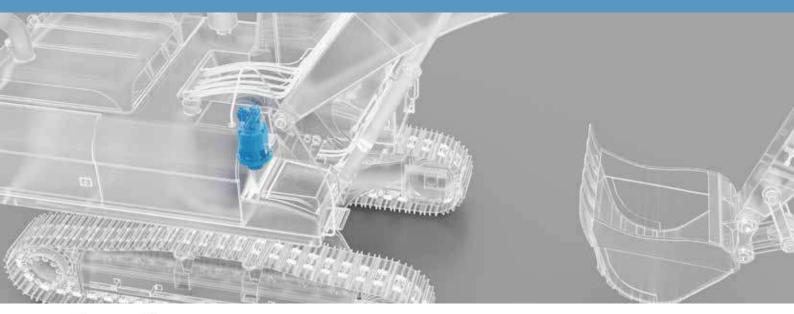


- · Rugged design
- · High torque & load capacity
- · Integrated hydraulic motor on request
- · Rotating housing
- · Lifelong mechanical seals on request
- · 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- · Integrated disc-brake

ATA	Torque (Nm)									
	705 C2 K	Ğ	9.000		713 C2 K		45.000	)		
۲	706 C3 K		18.000		713 C3 K		60.0	00		
S	707 C3 K		26.000		715 C3 K		8	5.000		
Ĭ	709 C3 K		30.000		716 C3 K			100.000		
Ī	710 C3 K		36.000		718 C3 K		1	180.000		
C	710 C2 K		40.000		720 C3 K			220.	000	
ш										

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					

## **EARTH MOVING MACHINES**





## **700T & 700TK Series** | ③



#### **Slew Drives**

# BENEFITS

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







#### **Slew Drives**

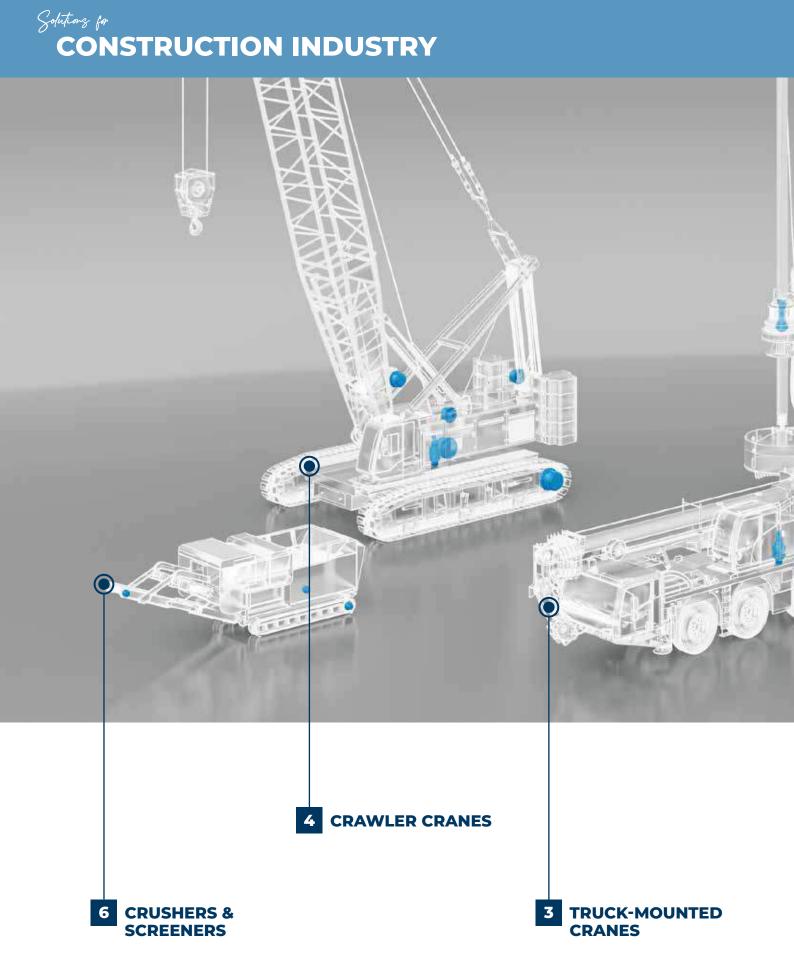
- Compact structure
- High performance

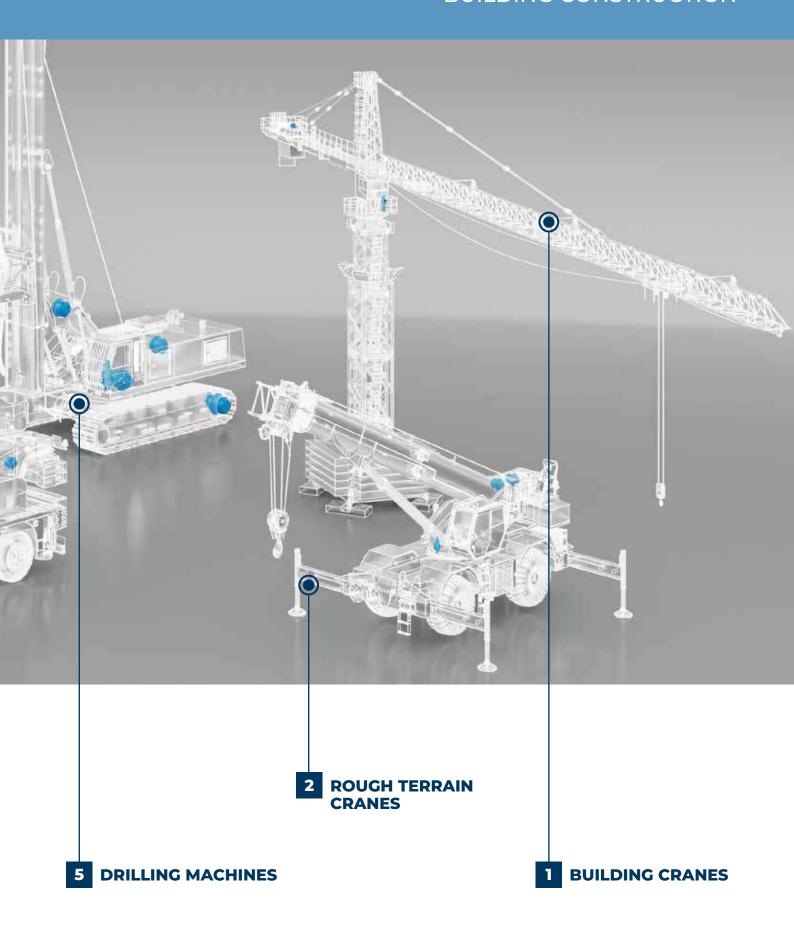
- Flange mounted
  - Output shaft: splined or with integral pinion
  - Integrated disc-brake

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

ATA		Tor	que	(Nm)		Torque (Nm)					
	703 T	2.5	00			703 T2 K	2.	2.000			
۲	704 T	3.6	500			703 T2 K	2	2.500			
NICA	705 T	5.	000			705 T2 K		5.000			
Ŧ	706 T		7.50	0		706 T2 K		7.500			
Ī	707 T		9.00	00		707 T2 F		9	9.00	00	
C	709 T		12	2.000		709 T2 F			11	.000	
F	710 T			18.00	00	710 T2 F				15.000	
	711 T		20.		000	711 T2 F				24.000	
	712 T			30.000		713 T2 F				30	.000
	714 T				50.000						

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						









#### **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.

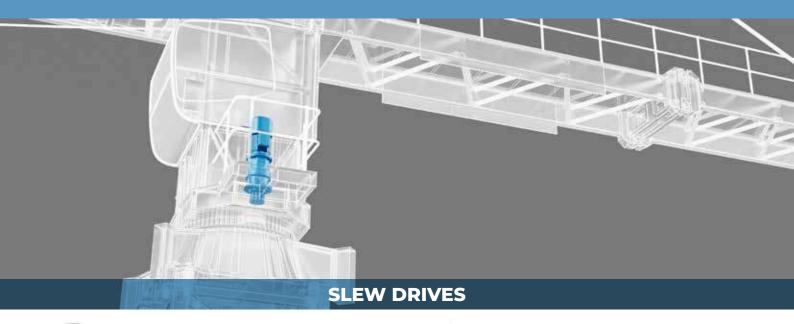
#### Winch drives

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.







## **700T Series** | **(@)**

Slew drives

# BENEFITS

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

## ATURES

- Flange mounted
- $\boldsymbol{\cdot}$  Output shaft: splined or with integral pinion
- Integrated disc-brake

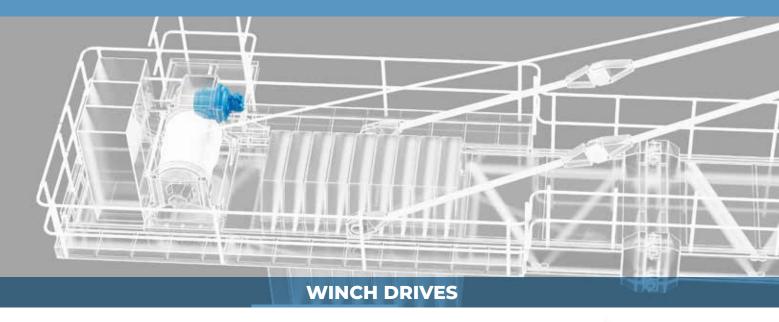


### **ACU-H Series**

Inverters

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

ATA		Torqu	ue (Nm)	
	700 T	1.200	709 T	20.000
۲	701 T	2.400	710 T	30.000
S	703 T	3.500	711 T	35.000
Ž	704 T	4.800	712 T	45.000
I	705 T	6.500	713 T	55.000
U	706 T	10.000	714 T	65.000
Ë	707 T	15.000	715 T	80.000





FW Series | ③ | ⑥



700C Series | 🛞 | 🍥



**ACU-H Series** 

**Inverters** 

# ENEFITS

 High "performance / dimension" ratio

Winch drives

- · Robust design
- · Special design available on request
- Compact design

Winch drives

- Designed for high-volume series applications
- · Precise movements
- Work effectively at any environmental condition

## **FEATURES** · High torque range

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

- Power from 0.25 to 400 kW
- Soft lifting and braking
- · Specific hoisting responsiveness
- · Floating load
- · Load detection
- Broken cable detection

Max Torque (Nm) up to								
FW30	15.000							
FW40	20.000							
FW55	25.000							
FW80	39.000							
EW/100	52,000							

-								
ATA	Max Torque (Nm) up to							
	FW30		15.	000				
3	FW40		20	.000	)			
A	FW55	25.000						
U	FW80	39.000						
7	FW100			52	2.000			
Z	FW130				73.0	00		
Ö	FW180					11.	2.000	
Ш	FW220						133.00	0
	FW260				150	0.00	)	
	FW360						200.000	n

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	4.8	300	715 C3 B	55.000			
706 C3 B	C3 B 9.500		716 C3 B	76.000			
707 C3 B	1	9.000	717 C3 H		95.000		
709 C3 B		23.000	718 C3 H		105.00	00	
710C3 B		29.000	720 C3 H	1	74.000		
711 C3 B		32.000	722 C3 H		2	49.000	
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

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

# **FEATURES**

BENEFITS

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

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



## **A Series**

### Trolley & lifting drives

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



#### **ACU-H Series**

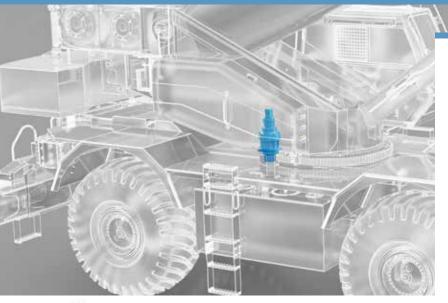
#### **Inverters**

· Extended motor brake lifetime

- Power from 0.25 to 400 kW
- · Precise sensorless control

<u> </u>	Max Torque (Nm) up to										
3	810 W L3		30	0.000							
J	813 W L3			45.000							
3	815 W L3			58.000							
į	818 W L3				120.000						
Ē	824 W L3					285.000					
ر				45 10 TE O		145					





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.





**Slew Drives** 

# BENEFITS

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









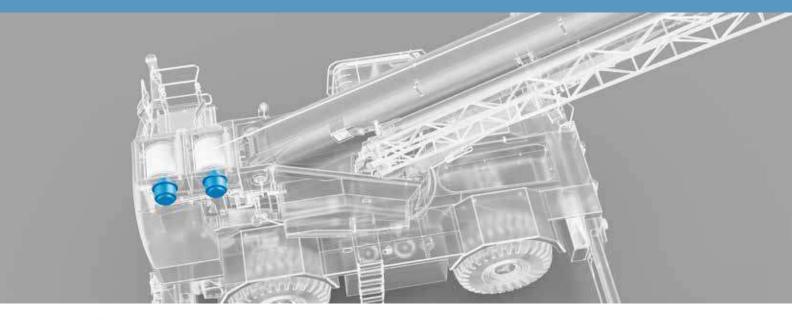
- Compact structure
- · High performance
- Adaptability

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

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

ATA				Torqu	ue (Nm)		
	700 T	1.00	00		706 T	7	7.500
۲	701 T	1.8	00		707 T		9.000
S	703 T	2.	500		709 T		12.000
Ŧ	704 T	3	3.600		710 T		18.000
Ξ	705 T		5.000		711 T		20.000
( )							

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

# BENEFITS

- Compact design
- Designed for high-volume series applications



800 Series | 🛞 | 🎯



Winch drives

• 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

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

ATA		Max Torqu	e (Nm) up to	
	705 C2 H	4.800	715 C3 B	55.000
۲	706 C3 B	9.500	716 C3 B	76.000
S	707 C3 B	19.000	717 C3 H	95.000
Ž	709 C3 B	23.000	718 C3 H	105.000
Ξ	710 C3 B	29.000	720 C3 H	174.000
C	711 C3 B	32.000	722 C3 H	249.000
F	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

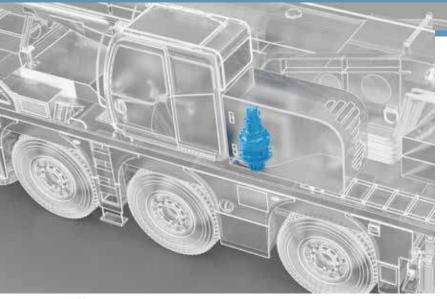
#### Max Torque (Nm) up to

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





#### 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.





**Slew Drives** 

# BENEFITS

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









- Compact structure
- · High performance
- Adaptability

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

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

ATA	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								
Ë											

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

# BENEFITS

- Compact design
- Designed for high-volume series applications

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

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A				Max Torqı	ue (Nm) up	to		
	705 C2 H	4.	.800		715 C3 B	5	5.000	
۲	706 C3 B	9	.500		716 C3 B		76.000	
S	707 C3 B		19.000		717 C3 H		95.00	00
Ĭ	709 C3 B		23.000		718 C3 H		105.	.000
Î	710 C3 B		29.000		720 C3 H		174.00	0
Ü	711 C3 B		32.000		722 C3 H			249.000
۳	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



## Solutions for CONSTRUCTION INDUSTRY



#### **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

# BENEFITS

- Compact design
- Designed for high-volume series applications

# **FEATURES**

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





#### Winch drives

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



800 Series | 🛞 | 🍥





#### Winch drives

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

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

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

A	M	1ax	Torqu	e (Nm) up to
	705 C2 H	4.	800	
3	706 C3 B	9	.500	
CAL	707 C3 B		19.000	)
U	709 C3 B		23.000	)
	710 C3 B		29.00	00
Z	711 C3 B		32.00	00
Ü	713 C3 B		45.	000
Ш	715 C3 B		55	5.000
F	716 C3 B			76.000

L		
1	705 C2 H	4.800
Ī	706 C3 B	9.500
ľ	707 C3 B	19.000
)	709 C3 B	23.000
	710 C3 B	29.000
	711 C3 B	32.000
1	713 C3 B	45.000
j	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	15.0	15.000				
FW40	20	.000				
FW55	25	5.000				
FW80		39.00	00			
FW100		52	.000			
FW130			73.00	0		
FW180				11.	2.0	00
FW220	133.000					
FW260	150.000					
FW360					2	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

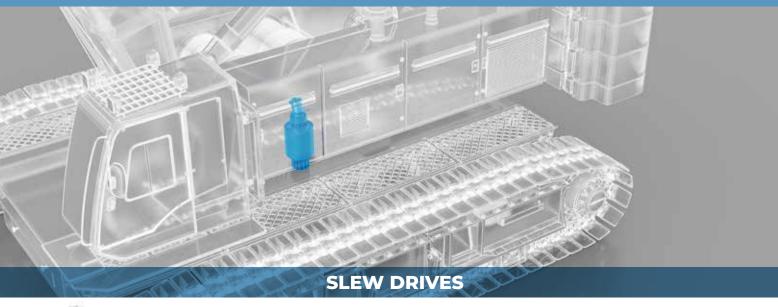
#### Max Torque (Nm) up to

810 W L3	3	0.	.000			
813 W L3		4	5.000			
815 W L3			58.00	0	1	
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



## Solutions for CONSTRUCTION INDUSTRY





## 700T Series | 🛞

**Slew Drives** 

# BENEFITS

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



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



S Series | 🛞 | 🍥

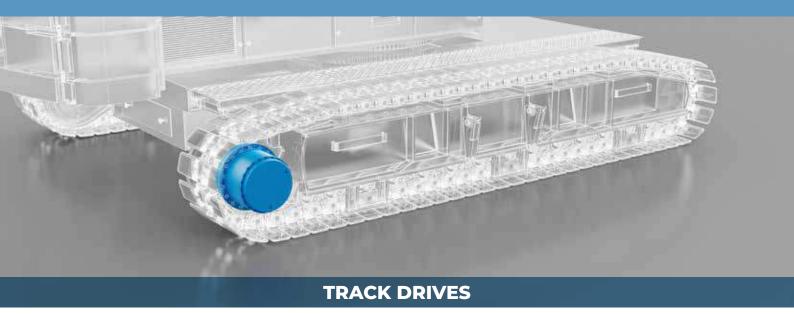




- **Slew Drives**
- Compact structure
- High performance
- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- · Integrated disc-brake

ATA				Torqu	ue (Nm)		
	700 T	1.00	00		706 T	7.500	
۲	701 T	1.8	00		707 T	9.000	
S	703 T	2.	500		709 T	12.000	
Ĭ	704 T	3	3.600		710 T	18.000	
Ī	705 T		5.000		711 T	20.00	0
U							

	Т	orque (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





· Safe & efficient solutions



**Track Drives** 

Compact design

# BENEFITS

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



700CK Series | 🛞

**Track Drives** 

- Compact, lightweight design
- · Range of torques
- Motor-gearbox integrated solution
- · Integrated motor-gearbox powered

by hydraulic motor developed with

Rotating housing

Kayaba

- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- · Integrated disc-brake



F Series | 🛞 | 🎯 **Track Drives** 

- 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

DATA		To	orque	e (	(Nm)			
	706 C3 B	18.0	000					
	707 C3 B	26.	000					
ECHNICAL	709 C3 B	30	.000					
U	710 C3 B	36	5.000					
7	711 C3 B	4	5.000	)				
Ŧ	713 C3 B		60.0	00	)			
7	715 C3 B		85	5.0	000			
Ш	716 C3 B		·	10	00.00	0		
	717 C3 H				130	.000		
	718 C3 H					180	0.000	
	720 C3 H						220.	.000
	722 C3 H						33	0,000

Torque (Nm)							
700 C2 K	1	1.200					
700-2C2 K		1.900					
701 C2 K		2.500					
702 C2 K			3.500				
704 C2 K				5.00	0		

	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



### S Series | 🛞 | 🎯 **Slew Drives**





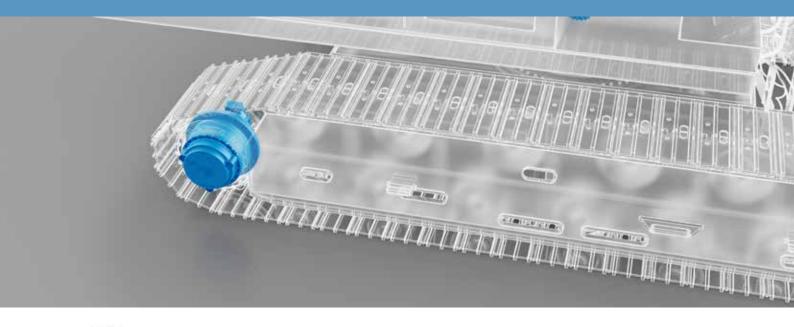
- Compact structure · High performance

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

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

ATA				Torqu	ue (Nm)		
	700 T	1.00	00		706 T	7.500	
۲	701 T	1.8	300		707 T	9.000	
A	703 T	2.	500		709 T	12.000	)
Ŧ	704 T		3.600		710 T	18.000	
Ī	705 T		5.000		711 T	20.0	00
U							

	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** 

# BENEFITS

## • Safe & efficient solutions

Compact design



- · Lifelong mechanical seals on request
- Multiple ratios
- Integrated disc-brake



700CK Series



Track Drives

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



F Series | 🛞 | 🎯 **Track Drives** 







- · Rugged design
- · High torque & load capacity
- · Integrated hydraulic motor on request
- Integrated motor-gearbox powered by hydraulic motor developed with Kayaba
- Rotating housing
- Lifelong mechanical seals
- 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

DATA			Tord	que (	(Nm)			
	706 C3 B	18	18.000					
	707 C3 B	2	26.000					
CAL	709 C3 B	3	30.0	OC				
U	710 C3 B		36.0	000				
7	711 C3 B 713 C3 B 715 C3 B		45.	000				
Ŧ	713 C3 B		60	0.00	)			
Ö	715 C3 B			85.0	000			
Ш	716 C3 B			10	00.00	0		
	717 C3 H				130	.000		
	718 C3 H					180	0.000	
	720 C3 H						220.00	00
	722 C3 H						330.0	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			180.0	00	
F220			22	0.000	
F260				260.0	00
F280				280	.000
F340			34	0.000	
F360			3	60.00	0
F420				42	0.000



#### Winch drives

Bonfiglioli can supply a huge range of winch drives according to the various OEM requests for drilling rigs.



### **700C Series** | 🛞 | 🎯



#### Winch drives

## BENEFITS

#### Compact design

- · Designed for high-volume series applications
- - Fitting for hydraulic and electric
  - · Integrated hydraulic brake available on request
  - · Special paint on request

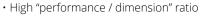


FW Series | 🛞 | 🚳





#### Winch drives



- · Robust design
- · Special design available on request

800 Series | 🛞 | 🚳





#### Winch drives

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

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

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

A	Max Torque (Nm) up to

<			
DA	705 C2 H	4.800	
	706 C3 B	9.500	
4	707 C3 B	19.000	
U	709 C3 B	23.000	
7	710 C3 B	29.000	
CHNICAL	711 C3 B	32.000	
$\ddot{a}$	713 C3 B	45.000	
H	715 C3 B	55.000	
Е	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	1	15.000					
FW40		20.000					
FW55		25.000					
FW80		39.000					
FW100	52.000						
FW130		73.000					
FW180					11.	2.0	00
FW220	133.000				3.000		
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

#### Max Torque (Nm) up to

810 W L3	3	0.0	00				
813 W L3		45.	.000	)			
815 W L3		5	8.00	00	)		
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

## ZEFITS

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

## **ATURES**

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

•	
5	
ч	
	306
	307
7	507
ч	309
U	309
	310
7	510
I.	

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 & 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** 



### 700CE Series | @

### **Track Drives**



#### · Safe & efficient solutions

Compact design

#### **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

## **FEATURES** · Rotating housing

- · Lifelong mechanical seals on request
- Multiple ratios
- Integrated disc-brake

- · 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

DATA	Torque (Nm)						
	706 C3 B	18.000					
3	707 C3 B	26.000					
CAL	709 C3 B	30.000					
U	710 C3 B	36.000					
7	711 C3 B 713 C3 B 715 C3 B 716 C3 B	45.000					
Ŧ	713 C3 B	60.000					
Ö	715 C3 B	85.000					
Ш	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			000
711 CE		45.	.000	
713 CE				60.000

	ка	ted	pow	er (	KW)		
BPM 240-L1		20					
BPM 240-L2			35				
BPM 240-L3					65		
BPM 300-L1						100	
BPM 300-L2						150	0





F Series | 🛞 | 🎯

**Track Drives** 

# BENEFITS

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



800 Series | 🍪

### **Conveyor Drives**

- High torque capacity
- High load capacity

## LORES

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

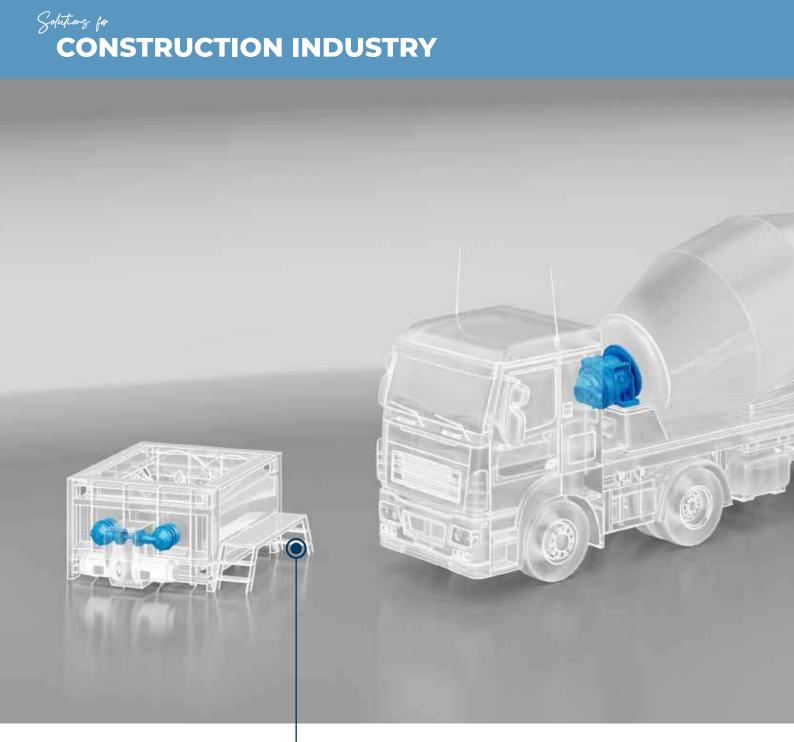
- Rotating housing flange
- · Optional freewheel for anti-runback device

ATA		Torqu	ıe (N	m)				
F13	0		130.	000				
F18	0			180	0.000	)		
F18 F22	0				220	0.00	)	
F26	0					260	0.00	0
F28	0			280	0.00	Э		
F34	0				3	40.0	000	
F36	0					360	0.00	0

Torque (Nm)						
805 W2		5.000				
806 W2			10 000			

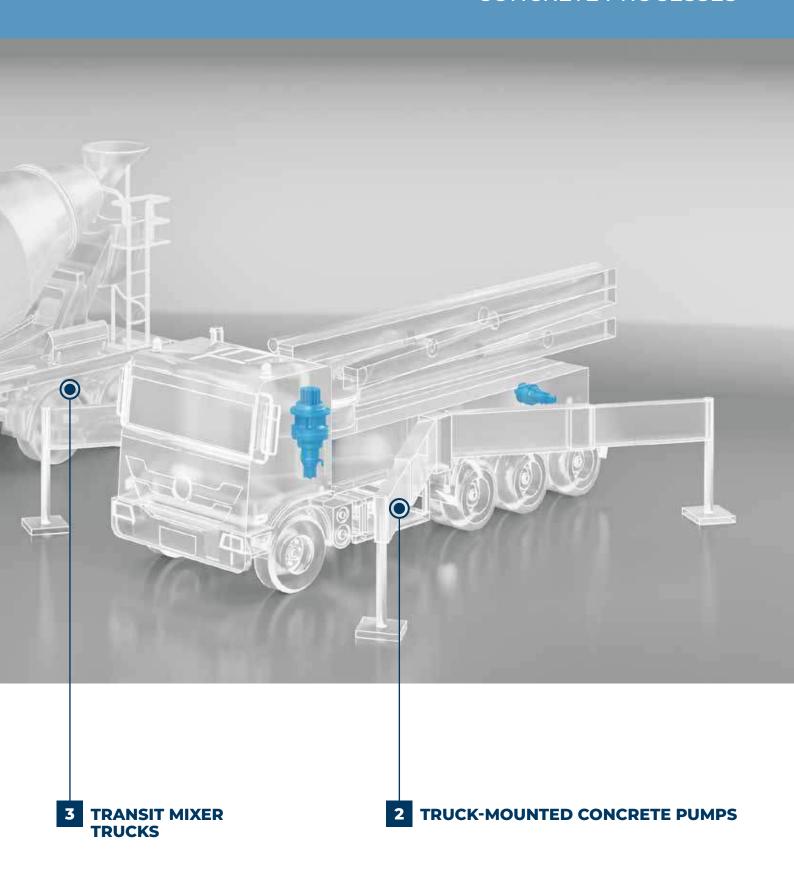




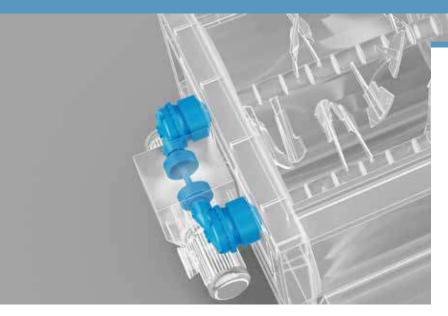


CONCRETE MIXERS

## CONCRETE PROCESSES







## **CONCRETE MIXERS**

#### Mixer drives

Bonfiglioli's highly versatile solutions fit these heavyduty 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

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

306	Torque	(Nm)				
306	8	8.500				
307 309 310 311 313	1	12.500				
309		18.00	0			
310		25.0	00			
311		40	0.000	)		
313			55.0	000		
314				80.00	0	
315			100.0	000		
316				134.0	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

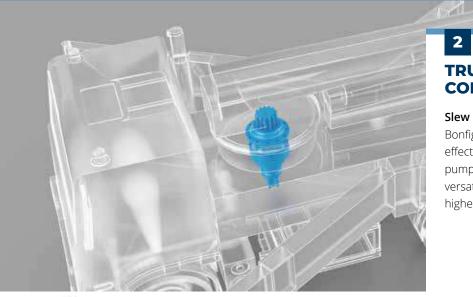
	_	
V.		
		а
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		а.
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6.0		
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-		
	_	

#### **Active Cube Series**

#### **Premium Inverters**

- Compact design
- Cost-saving
- · Plug & play solution
- · Standard cooling and optional watercooling
- 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

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

### **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.



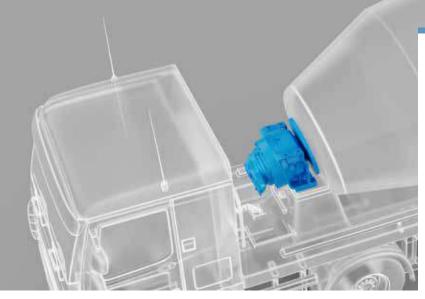
## **700T Series** | 🛞

### **Slew Drives**

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

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

ATA		Torq	ue (Nm)	
	700 T	1.000	706 T	7.500
۲	701 T	1.800	707 T	9.000
S	703 T	2.500	709 T	12.000
Ĭ	704 T	3.600	710 T	18.000
Ī	705 T	5.000	711 T	20.000
U				



### 3

### 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

- High torque capacity
- High load capacity
- · Rugged design



# 500 Series | @



### Drum drives

- Enhanced operational reliability
- Reduced maintenance costs
- Increased energy efficiency and low fuel consumption
- · Low operating noise levels

- 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

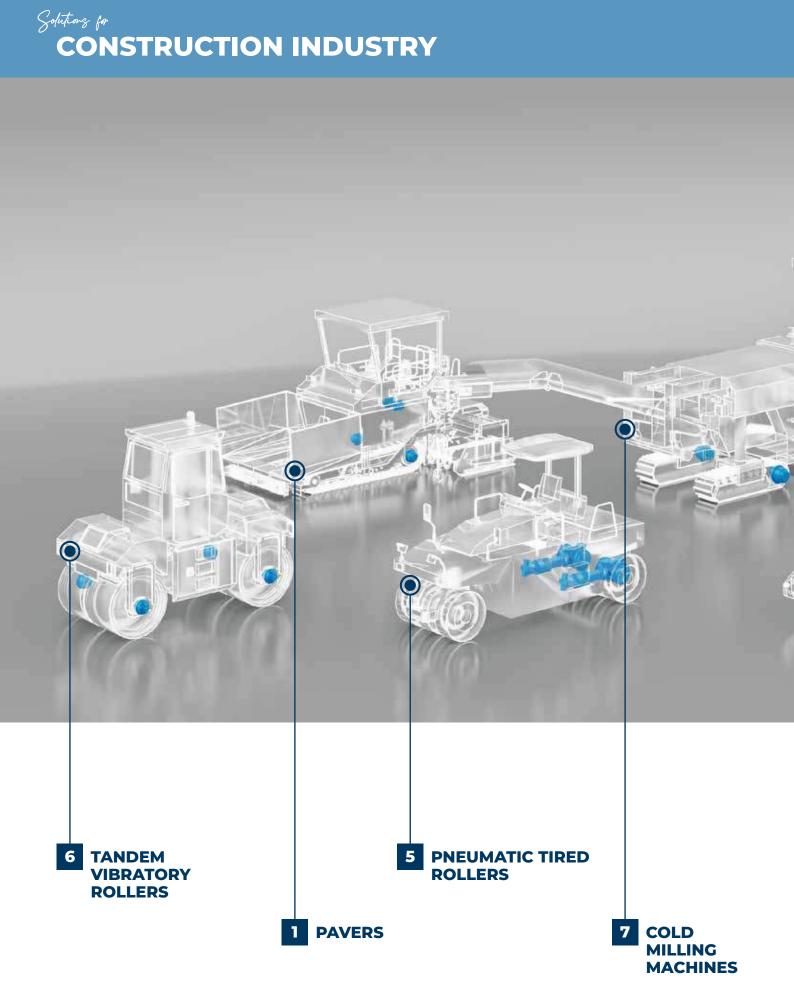
ATA		Т	orc	լue (Nm)		
	501	3.0	00			
7	564		12	12.000		
CHNICAL	565		12.000			
Ŧ	567	20.000				
Ī	568			20.000		
C	575					50.000
Ĕ	577	60.000			000	
	580					75.000

Torque (Nm)							
575		50.0	000				
577	60.	000					
E00		-	75 000				



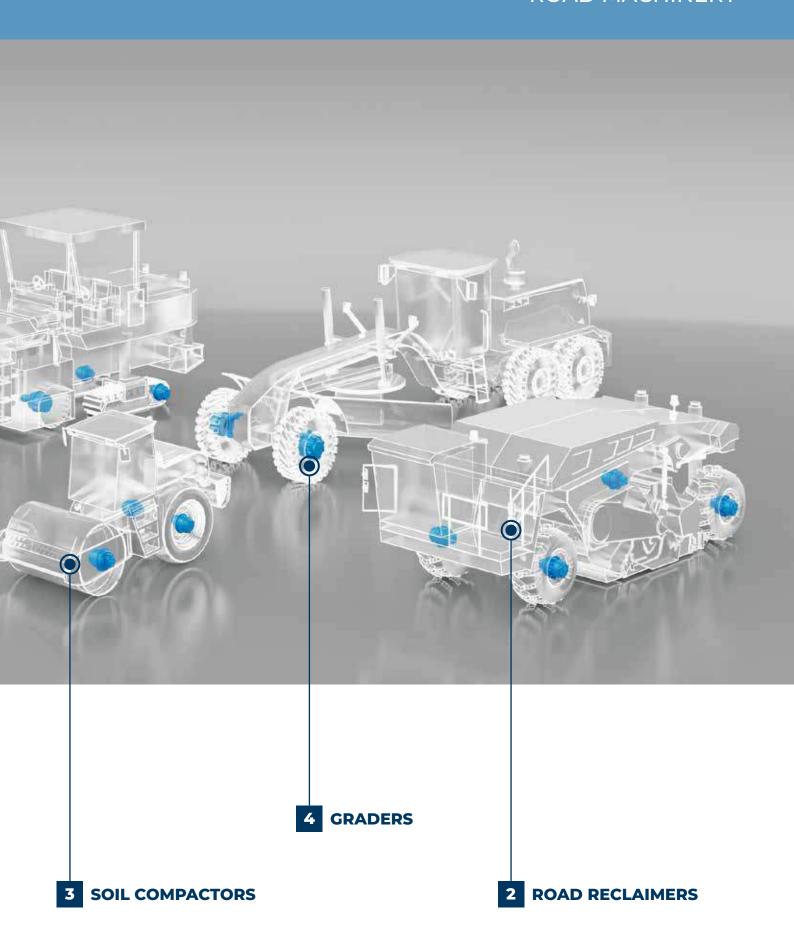
# CONCRETE PROCESSES







# ROAD MACHINERY







### **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.



# **700C Series** | 🛞 | 🍥





### **Track Drives**

### Compact design

• Designed for high-volume series applications



F Series | 🛞 | 🎯



### **Track Drives**

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

- Fitting for hydraulic and electric motors
- Integrated hydraulic brake available on request
- Rotating housing
- · Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- · Integrated disc-brake

ATA	Torque (Nm)								
	705C2H	4.800	715C3B	55	5.000				
۲	706C3B	9.500	716C3B		76.000				
S	707C3B	19.000	717C3H		95.000				
ž	709C3B	23.000	718C3H		105.00	00			
Ī	710C3B	29.000	720C3H		174.000				
U	711C3B	32.000	722C3H		2.	49.000			
Ë	713C3B	45.000							

Torque (Nm)							
F13A		13.000					
FD20	20.000						
F30		30.000					
F40				40.0	00		
F55		55.000					
F80	80.000						
F100	100.000						





## 700CE Series | @

**Track Drives** 

# ENEFITS

### **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

### Gearbox

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

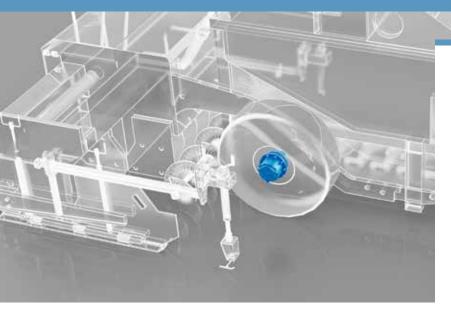
### E-motor

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

ATA		Torque (Nm	1)		
	707 CE		26.0	00	
۲	709 CE		30	0.000	
CA	710 CE			36.0	000
Ž	711 CE		45	.000	
Ī	713 CE				60.000
C					







### 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.



### 600W Series | @

Wheel Drives

# NEFITS

### **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



## 600W2/3 Series | 🛞

Wheel Drives

- High torque capacity
- Rugged design

## Gearbox

FEATU

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

### E-motor

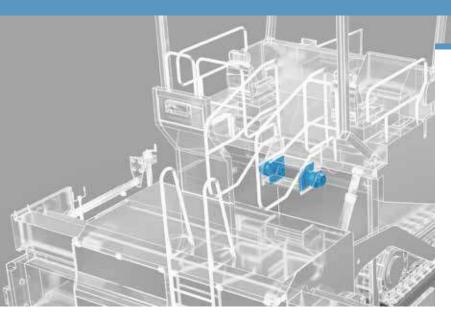
- Permanent magnet motors
- · Suitable for 400 700Vdc batteries
- · Liquid-cooled
- · Aluminum or cast iron housing
- Protection rating >IP54

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

### DATA Torque (Nm) 605 W..V.. 10.000 17.000 606 W..V 22.000 607 W..V 609 W..V 30.000 610 W..V 36.000 40.000 610 X 611 W..V 613 W



Torque (Nm)								
606W2/3	15.000							
610W2/3	40.000							
611W2/3	50.000							



### 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

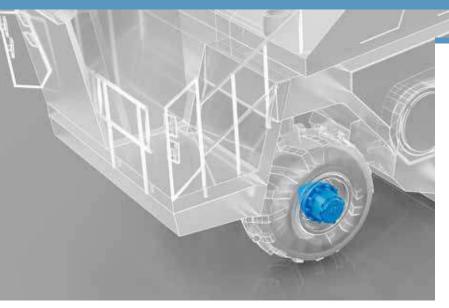
- Modular design ensures high flexibility and fast delivery
- Huge range of configurations

# **ATURES**

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

DATA	Torque (Nm)							
	300	1.000						
۲	301	1.750						
CHNICAL	303	2.500						
Ĭ	304	3.600						
Ī	305	5.000						
C	306		8.500					
H	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	45.0				
613 W	60.0				



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

- 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

ATA					
	603 W	4.00	00		
۲	605 W		7.000		
CA	606 W			12.000	)
Ŧ	607 W				17.000
Ī	609 W				23.000
U					

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					40.0	00	
F55	55.000						
F80	80.000						
F100	100.000						

# Solutions for CONSTRUCTION INDUSTRY



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

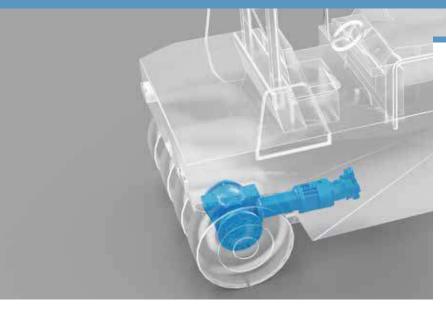
- Customized & compact design
- Resistant
- High performance

• High-speed clutch device

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

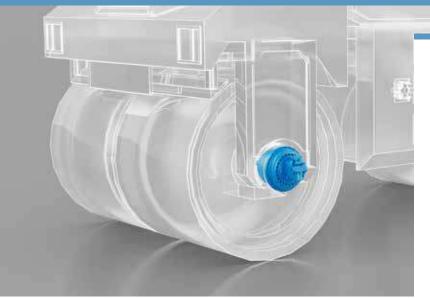
- Customized & compact design
- Resistant
- High performance

# ATURES

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

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	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**

# BENEFITS

- Compact design
- Designed for high-volume series applications

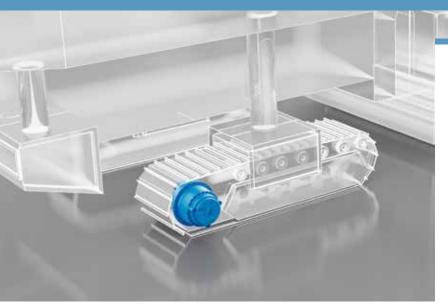
# **FEATURES**

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

ATA		Torq	ue (Nm)	
	700 C	1.000	707 C	26.000
4	701 C	2.200	709 C	30.000
<b>V</b>	703 C	4.000	710 C	36.000
Ĭ	705 C	10.000	711 C	45.000
Î	706 C	18.000	713 C	60.000
U				

# ROAD MACHINERY





## 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**

### Compact design

BENEFITS

• Designed for high-volume series applications





### **Track Drives**

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

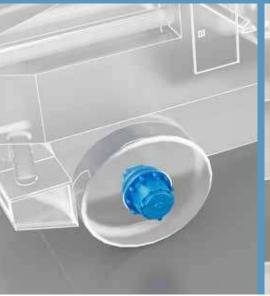
### • Fitting for hydraulic and electric motors

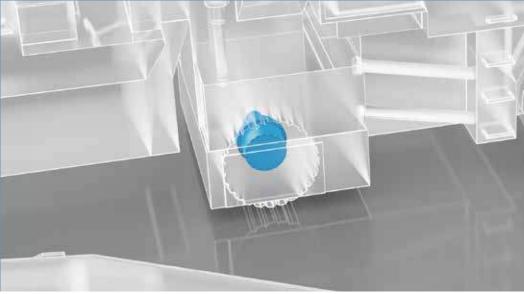
- Integrated hydraulic brake available on request
- · Rotating housing
- · Lifelong mechanical seals on request
- · 3-7 Planetary wheels per stage
- · Notchless ground tooth root
- Multiple ratios
- · Integrated disc-brake

ATA			Torque (Nm)  000 710 C 36.000  18.000 711 C 45.000  26.000 713 C 60.000				
	705 C	10	.000		710 C		36.000
٦	706 C		18.0	000	711 C	45.0	00
<b>A</b>	707 C		2	26.000	713 C		60.000
Ĭ	709 C			30.000			
Ī							
Ü							
쁜							

Torque (Nm)						
F13A		13.000				
FD20		20.000				
F30		30.000				
F40		40.000				
F55		55.000				
F80		80.000				
F100					10	00.000

### **ROAD MACHINERY**







**600 Series** | 🛞

Wheel drives

- High torque capacity
- Rugged design



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



**700C Series** | 🛞 | 🍥







- Optimized housing design
- · Compact structure
- High performance



FA Series | 🛞

- **Cutter Drives**
- Modular design for easy maintenance
  - Compact structure • High performance
- 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

DATA	Torque (Nm)							
	603 W	4	4.00	00				
۲	605 W		7.	000	)			
CHNICAL	606 W			12	.00	0		
Ž	607 W				17	.000	)	
Ξ	609 W					23.	000	
Ü	610 W						30.000	
Ë	611 W							45.000
	613 W							60.000

		Torque (N	m)	
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			32.0	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 18 production sites, 23 commercial sites and more than 550 distributors around the world.

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

18
PRODUCTION SITES

25
COMMERCIAL SITES



550
DISTRIBUTORS



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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.

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