

We engineer dreams



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Engineering Solutions







WWW.BONFIGLIOLI.COM

CONSTRUCTION

THE WIDEST RANGE OF SOLUTIONS FOR THE CONSTRUCTION INDUSTRY

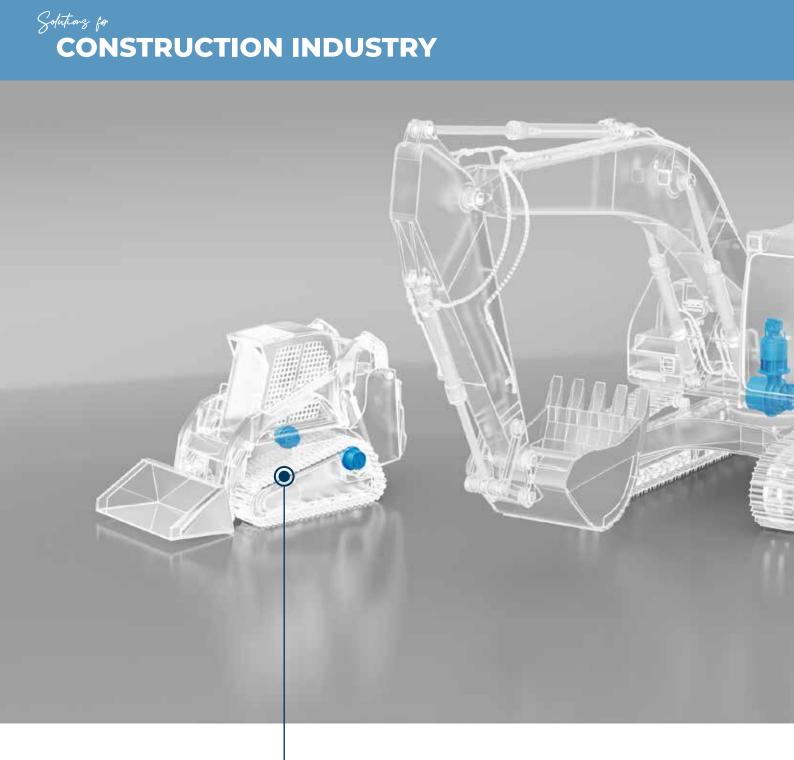
We have been enhancing construction equipment performance, efficiency, productivity and reliability for over 40 years. With experience working with the major players worldwide, our team of experts creates, designs and produces advanced technological solutions for a wide range of applications, including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

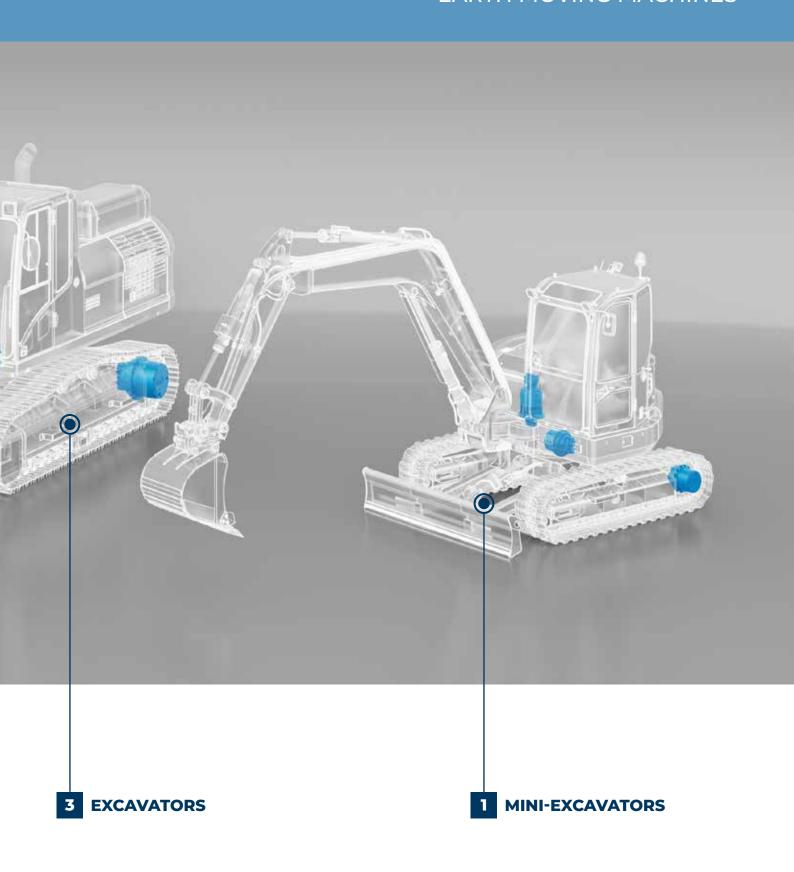




2 COMPACT TRACK LOADERS



EARTH MOVING MACHINES



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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

Compact

· High performance

Reduced TCO

· High torque in a limited space



PM MOTOR Series | <a>®



Pump Drives



- 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

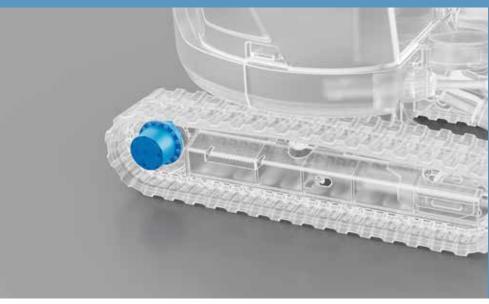
- Easy maintenance
- · Low noise
- · No polluting emissions
 - Permanent magnet motors
 - Suitable for 48-96 Vdc batteries
 - · Air-cooled
 - · Aluminum housing
 - Protection rating >IP65
 - · SAE flanges available

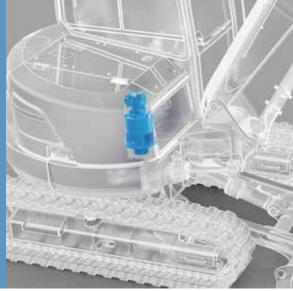
ATA TOO SE	Torque (Nm)					
700 CE	1.200					
700-2 CE	1.900					
701 CE	2.500					
702 CE	3.500					
T 704 CE	5.000					
705 CE	9,000					

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 | 🛞



Compact, lightweight design

Motor-gearbox integrated solution

· Range of torques

Track Drives



700CP Series | 🛞



Track Drives



700TK Series | 🛞

Compact, lightweight design

Motor-gearbox integrated solution



Slew Drives

BENEFITS

- 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)		
S	701 C2 K			2.5	00		
Ĭ	702 C2 K				3.500		
Î	704 C2 K						5.000

Torque (Nm)						
700 C2 P		1.20	00			
700-2C2 P		1	.900)		
701 C2 P			2.5	00		
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



700CTE Series | @ Track Drives



- · Compact, lightweight design
- · Range of torques
- Motor-gearbox integrated solution
- · Able to work in sensitive areas without
- · Machine works with no noise and less vibration
- Increased productivity
- · Less maintenance
- Maneuverability
- · Compact design

BENEFITS

- 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

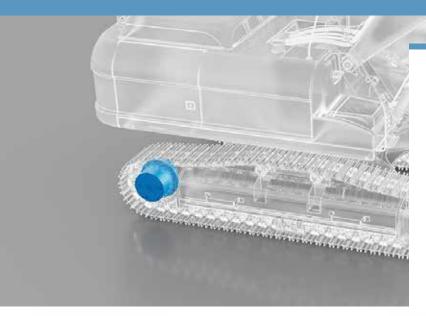
ATA		Torq	ue (Nm)	
	702 CT		3.5	00	
۲	704 CT			5.000	
CA	705 CT				12.000
Ĭ	706 CT				12.500

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

	Rated power (kW)	
BPM 240-L2		3.

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

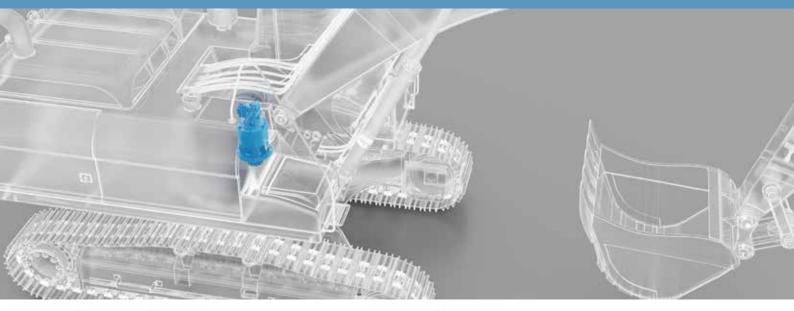
· Rotating housing

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

ATA				Torqu	ıe (Nm)			
	705 C2 K	ç	0.000		713 C2 K	 45.00	10	
7	706 C3 K		18.000		713 C3 K	60.0	000	
2	707 C3 K		26.000		715 C3 K	8	35.000	
Ĭ	709 C3 K		30.000		716 C3 K		100.000	
Î	710 C3 K		36.000		718 C3 K		180.000	
C	710 C2 K		40.000		720 C3 K		220.	000
ш								

	Toro	que (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

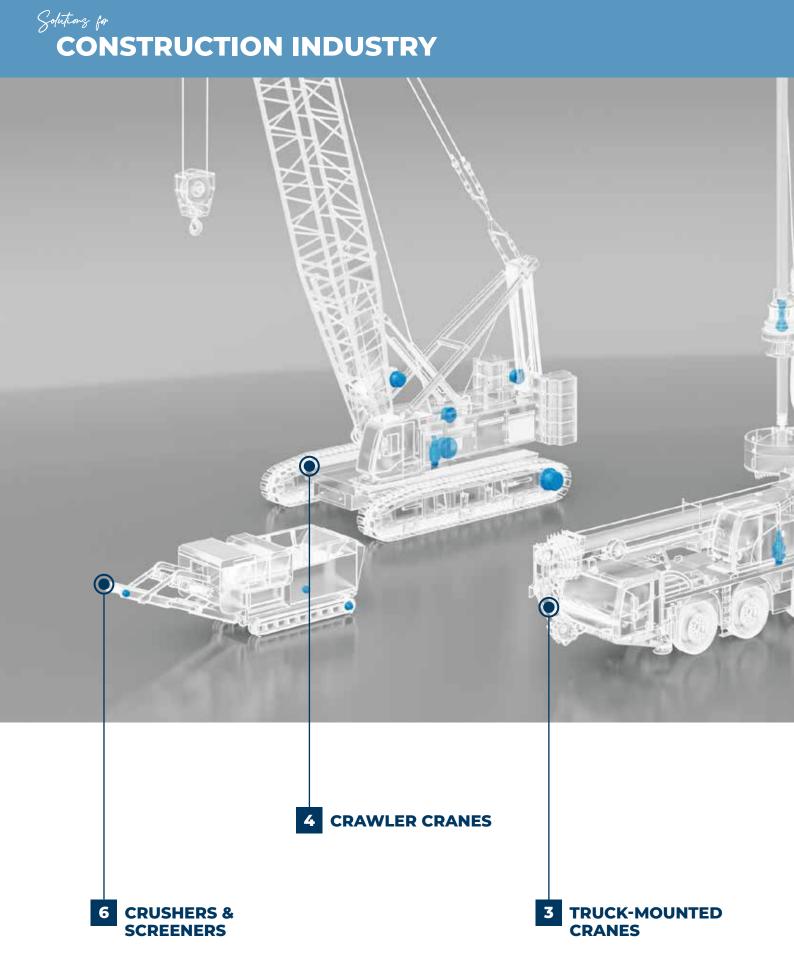
- Flange mounted
 - Output shaft: splined or with integral pinion
 - Integrated disc-brake

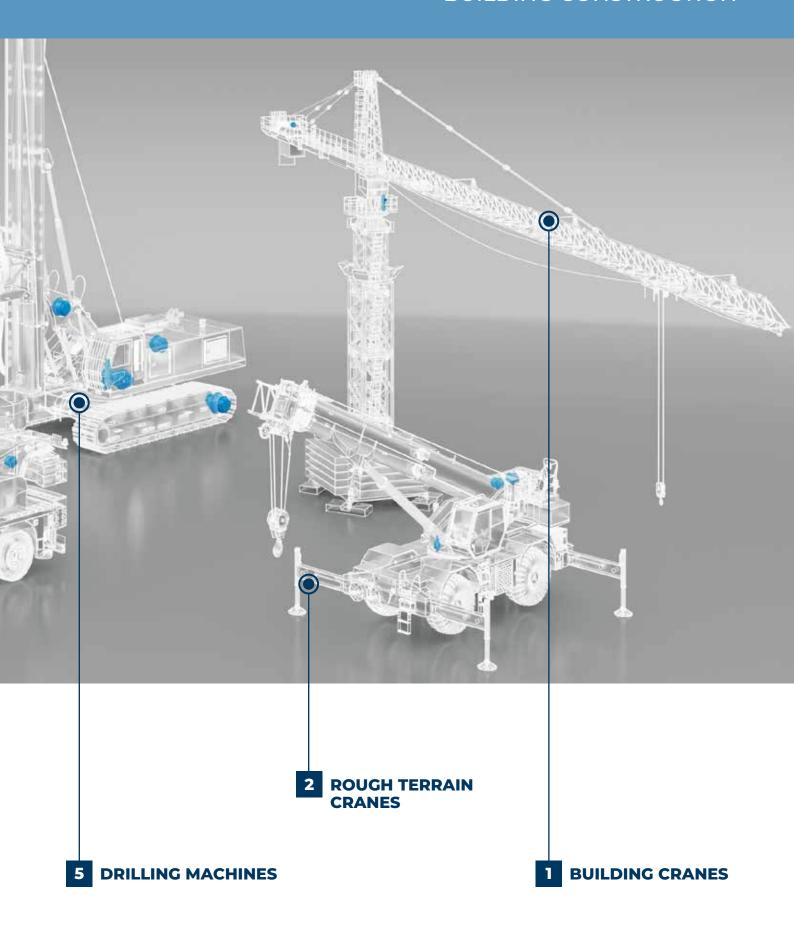
- Output shaft: splined or with integral pinion
- Rugged construction
- Notchless ground tooth root
- Integrated disc-brake

ATA		Tord	que	(Nm)			То	rque (Nm)	
	703 T	2.500			703 T2 K	2.	.000			
۲	704 T	3.6	500			703 T2 K	2	.500		
CA	705 T	5.	000			705 T2 K		5.000)	
Ŧ	706 T	7.500				706 T2 K		7.500		
CHN	707 T		9.00	0		707 T2 F		9.	000	
C	709 T		12	.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	0.000	
	714 T				50.000					

	To	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











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.

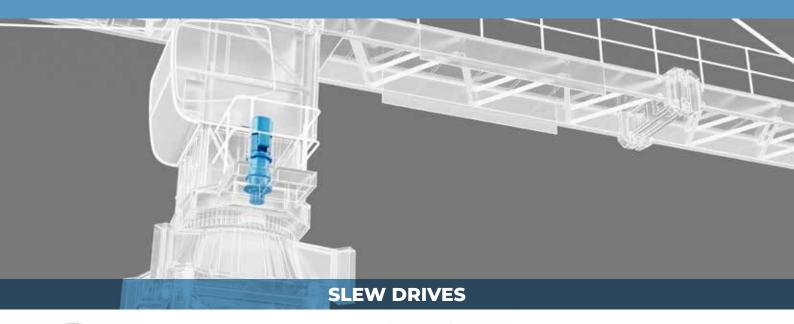
Winch drives

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

BENEFITS

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



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

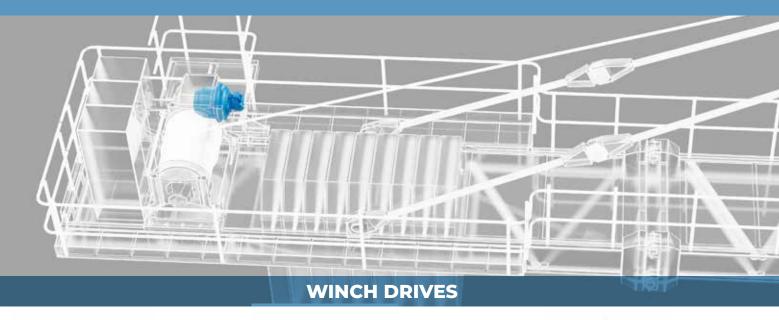


ACU-H Series

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
AL	701 T	2.400	710 T	30.000
U	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
C	706 T	10.000	714 T	65.000
Ë	707 T	15.000	715 T	80.000





FW Series | 🛞 | 🍥

Winch drives



700C Series | 🛞 | 🍥



ACU-H Series

Inverters

ENEFITS

- High "performance / dimension" ratio
- · 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

High torque range Fitting for hydrauligh

- 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
- \cdot Load detection
- Broken cable detection

ATA	Max	ζ T	or	qι	ıe	(Nm)	up	to
	FW30		15.	.00	00			
3	FW40		20	0.0	00			
4	FW55	25.000						
Ü	FW80	39.000						
7	FW100				52	2.000		
Z	FW130					73.000)	
Ö	FW180						112.	000
Ш	FW220						1	33.00
F	FW260					150.0	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	55.0	000	
706 C3 B	9	.500	716 C3 B	7	6.000	
707 C3 B		19.000	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

FW360





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
- 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



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

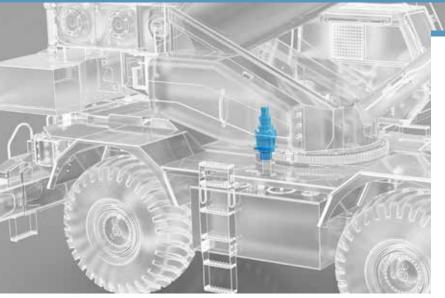


ACU-H Series

Inverters

· Extended motor brake lifetime

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



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



S Series | 🛞 | 🎯 **Slew Drives**



- 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		Torq	jue (Nm)	
	700 T	1.000	706 T	7.500
۲	701 T	1.800	707 T	9.000
U	703 T	2.500	709 T	12.000
Ž	704 T	3.600	710 T	18.000
Ī	705 T	5.000	711 T	20.000
(1				

	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





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 To	rqu	ıe (Nm) up t	to			
	705 C2 H	4.	800		715 C3 B		55.	000	
۲	706 C3 B	9	.500		716 C3 B		7	6.000	
Q U	707 C3 B	•	19.000		717 C3 H			95.000	
Ŧ	709 C3 B		23.000		718 C3 H			105.00	00
Ī	710 C3 B		29.000		720 C3 H		1	74.000	
C	711 C3 B		32.000		722 C3 H			2.	49.000
Ë	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

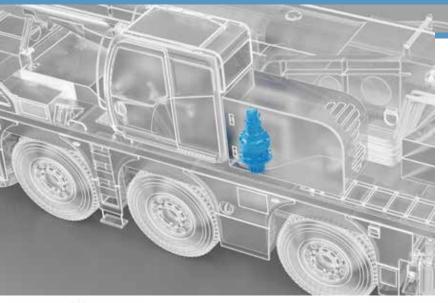
Max Torque (Nm) up to

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.



700T Series | 🛞



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	Т	orque (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
F			

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 | 🛞 | 🍥



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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$\mathbf{\mathcal{Q}}$	1

ATZ	Max Torque (Nm) up to											
	705 C2 H	4.	800		715 C3 B	5	55.000					
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				
Ī	710 C3 B		29.000		720 C3 H		174.00	00				
Ü	711 C3 B		32.000		722 C3 H			249.000				
Ë	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



Solutors 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.





700C Series | 🛞 | 🚳



Winch drives

- Compact design
- Designed for high-volume series applications



FEATURES

• Fitting for hydraulic and electric

- · Integrated hydraulic brake available on request
- · Special paint on request



FW Series | 🛞 | 🚳





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

	Max Torque (Nm) up to
•	

-							
DATA	N	lax	Tor	que	e (I	Nm) up to)
	705 C2 H	4.8	300				
	706 C3 B	9.	500)			
4	707 C3 B	1	19.0	00			
ECHNICAL	709 C3 B		23.0	000			
	710 C3 B		29.	.000	О		
ŧ	711 C3 B		32	.00	0		
Ö	713 C3 B			45.C	000)	
Ш	715 C3 B			55	.00	00	
	716 C3 B				76	5.000	
	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	2	5.000				
FW80		39.00	00			
FW100		52	.000			
FW130			73.00	0		
FW180				11.	2.0	00
FW220					13	3.000
FW260			15	0.00	00	
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

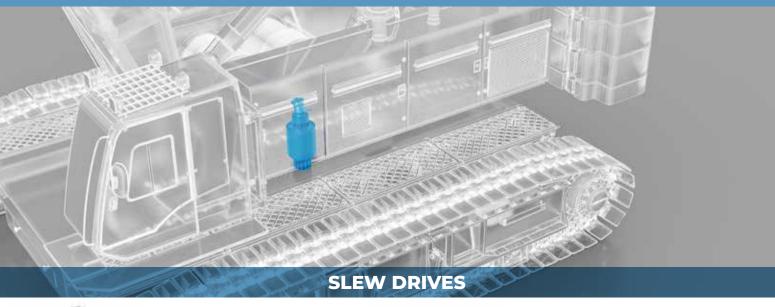
Max Torque (Nm) up to

810 W L3	3	80.	.000		
813 W L3		4	5.000		
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



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	1.000	706 T	7.500
۲	701 T	1.800	707 T	9.000
S	703 T	2.500	709 T	12.000
Ŧ	704 T	3.600	710 T	18.000
Ī	705 T	5.000	711 T	20.000
U				

Torque (Nm)								
S5	5.000		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

· Safe & efficient solutions

BENEFITS

Rotating housing

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
- 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		Toi	rqu	ie (Nm)			
	706 C3 B	18.00	00					
	707 C3 B	26.0	000					
CAL	709 C3 B	30.0	000)				
Ü	710 C3 B 711 C3 B 713 C3 B 715 C3 B 716 C3 B	36.	.00	C				
7	711 C3 B	45	5.00	00				
Ŧ	713 C3 B	(60.0	000)			
Ö	715 C3 B		8	5.0	000			
Ш	716 C3 B			10	0.00	0		
	717 C3 H				130.	.000		
	718 C3 H					180	0.000	
	720 C3 H						220.00	0
	722 C3 H						330,0	OC

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					5.000			

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 | 🛞



BENEFITS

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



S Series | 🛞 | 🎯



Slew Drives

- Compact structure
- · High performance

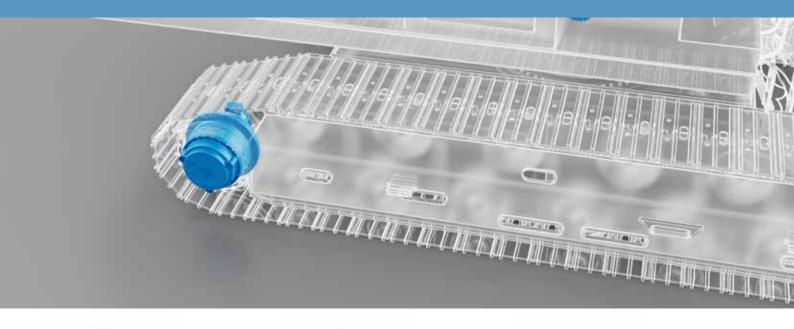
FEATURES Flange mounted

- 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		
Q U	703 T	2.	2.500		709 T		12.000	i
Ŧ	704 T		3.600		710 T		18.000	
Ī	705 T		5.000		711 T		20.00	0
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

- 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 Kayaba
- Rotating housing
- Lifelong mechanical seals
- Pressure relief valve (shockless type) on request
- Anti-cavitation valve on request
- Multiple ratios
- · Integrated disc-brake



F Series | 🛞 | 🎯





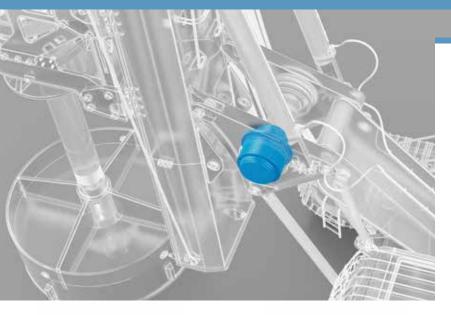


- **Track Drives**
- · Rugged design
- · High torque & load capacity
- · Integrated hydraulic motor on request
- Rotating housing
- Lifelong mechanical seals on request
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Multiple ratios
- Integrated disc-brake

DATA		То	rqu	ie (Nm)			
	706 C3 B	18.00	00					
-	707 C3 B	26.0	000					
CAL	709 C3 B	30.0	000)				
U	710 C3 B 711 C3 B 713 C3 B 715 C3 B 716 C3 B 717 C3 H	36.	.00	C				
7	711 C3 B	45	5.00	00				
Ŧ	713 C3 B	(60.0	000)			
	715 C3 B		8	5.0	000			
Ш	716 C3 B			10	0.000			
	717 C3 H				130.0	000		
	718 C3 H					180	0.000	
	720 C3 H						220.0	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		130.00	00					
F180	180.000							
F220			22	0.000				
F260				260.0	00			
F280				280.	000			
F340			340	0.000				
F360			3	60.000)			
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

- 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 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

	Max Torque (Nm) up to
4	

					- `		, - 1	
705 C2 H	4	.80	00					
706 CO D	9	9.5	00)				
707 C3 B		19	9.0	000)			
709 C3 B		2	3.	000)			
710 C3 B			29	.00	0			
711 C3 B			32	2.00	00			
713 C3 B				45.	000	0		
715 C3 B				55	5.0	00)	
716 C3 B					76	5.1	000	
717 C3 H						Ç	95.000	
718 C3 H							105.000	
720 C3 H								174.000
722 C3 H								249,000
	706 C3 B 707 C3 B 709 C3 B 710 C3 B 711 C3 B 713 C3 B 715 C3 B 716 C3 B 717 C3 H 718 C3 H 720 C3 H	706 C3 B 707 C3 B 709 C3 B 710 C3 B 711 C3 B 713 C3 B 715 C3 B 716 C3 B 717 C3 H 718 C3 H 720 C3 H	706 C3 B 9.5 707 C3 B 19 709 C3 B 2 710 C3 B 3 711 C3 B 713 C3 B 715 C3 B 716 C3 B 717 C3 H 718 C3 H 718 C3 H	706 C3 B 9.500 707 C3 B 19.0 709 C3 B 23. 710 C3 B 29 711 C3 B 32 713 C3 B 32 715 C3 B 716 C3 B 717 C3 H 718 C3 H	706 C3 B 9.500 707 C3 B 19.000 709 C3 B 23.000 710 C3 B 29.00 711 C3 B 32.00 713 C3 B 45. 715 C3 B 55 716 C3 B 717 C3 H 718 C3 H	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 45.00 715 C3 B 55.0 716 C3 B 70 717 C3 H 718 C3 H	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. 717 C3 H 9	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

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

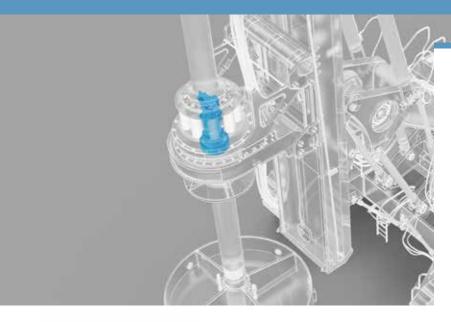
FW30	15.	000				
FW40	20	0.000				
FW55	2	5.000				
FW80		39.0	00			
FW100		52.000				
FW130			73.00	0		
FW180				11.	2.0	00
FW220					13	3.000
FW260	150.000					
FW360					2	200.000

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		45.00	00		
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

VEFITS

- 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

	1	Forque (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.







Track Drives



Track Drives



· Safe & efficient solutions

Compact design

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

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

706 C3 B	Torque (Nm)
706 C3 B	18.000
	26.000
707 C3 B 709 C3 B 710 C3 B	30.000
710 C3 B	36.000
711 C3 B 713 C3 B 715 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 30.000 709 CE 36.000 710 CE 711 CE 713 CE

	ка	tea	powe	er (I	KVV)		
BPM 240-L1		20					
BPM 240-L2			35				
BPM 240-L3					65		
BPM 300-L1						100	
BPM 300-L2							150

Datad marray (IdA)





F Series | 🛞 | 🎯



BENEFITS

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



800 Series | 🍪

- **Conveyor Drives**
- High torque capacity
- High load capacity

· Rotat

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

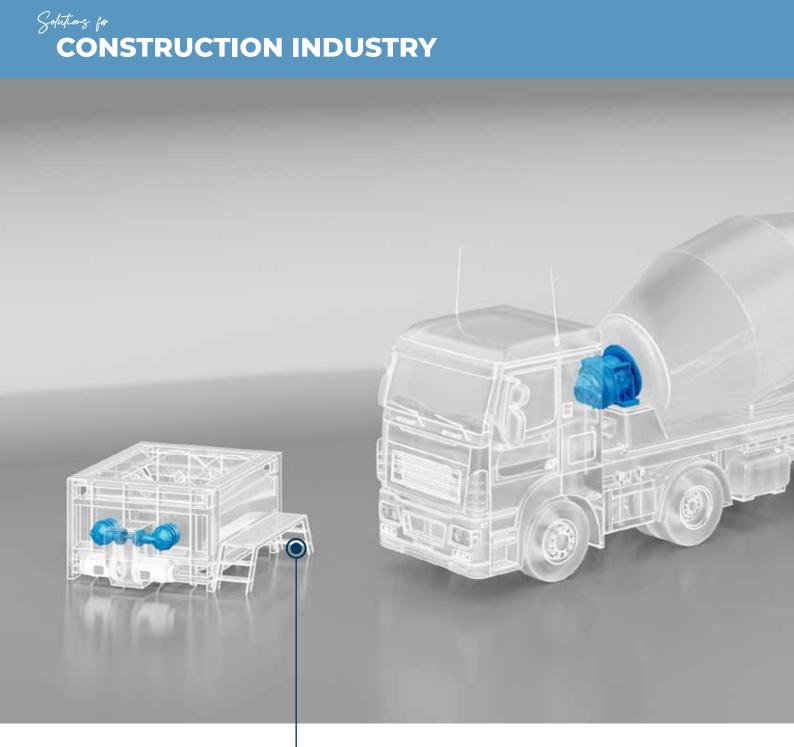
- Rotating housing flange
- · Optional freewheel for anti-runback device

ATA		Torque	(Nı	m)		
	F130	1	30.	000		
۲	F180			180.00	0	
CAI	F220			22	0.0	000
Ž	F260				2	60.000
I	F280			280.00	00	
Ö	F340				340	0.000
Ë	F360				3	360.000

Torque (Nm)				
805 W2		5.000		
806 W2			10.000	



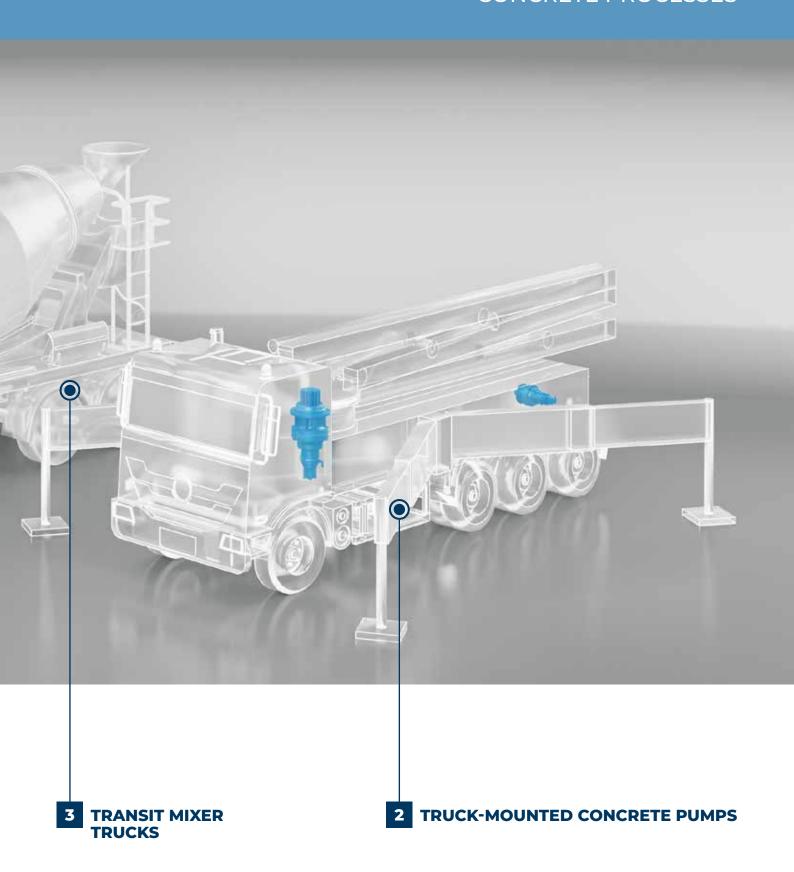


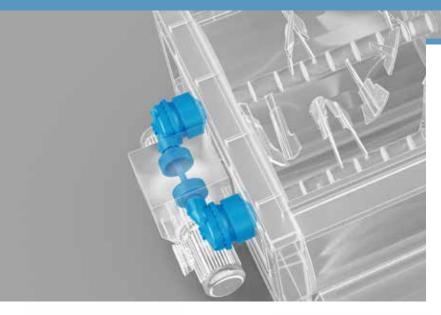


CONCRETE MIXERS



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

_							
DATA	Torque (Nm)						
	306	8.500					
۲	307	12.500					
<i>IECHNICAL</i>	309	18.000					
Ŧ	310	25.000					
Ī	311	40.000					
C	313	55.000					
Ë	314					80.	000
	315	100.000					
	316					13	4.000



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

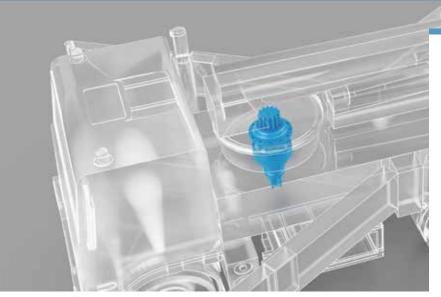
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100		_	
		_	
		_	
6.0			
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		_	
	_		

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

BENEFITS

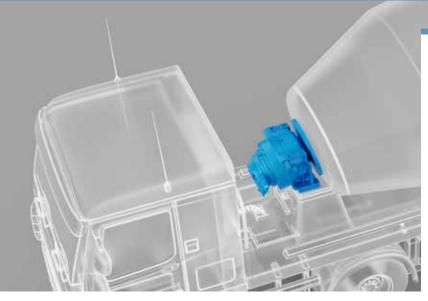
- Wide torque range
- Complete motor-gearbox available on request

IURES

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

ATA				То
	700 T	1.0	000	
۲	701 T	1.	.800	
CAL	703 T	2	2.500	
	704 T		3.600	
Z	705 T		5.000	
U				

orqu	ue (Nm)		
	706 T	7.500)
	707 T	9.0	00
	709 T		12.000
	710 T		18.000
	711 T		20.000



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

TURES

- 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

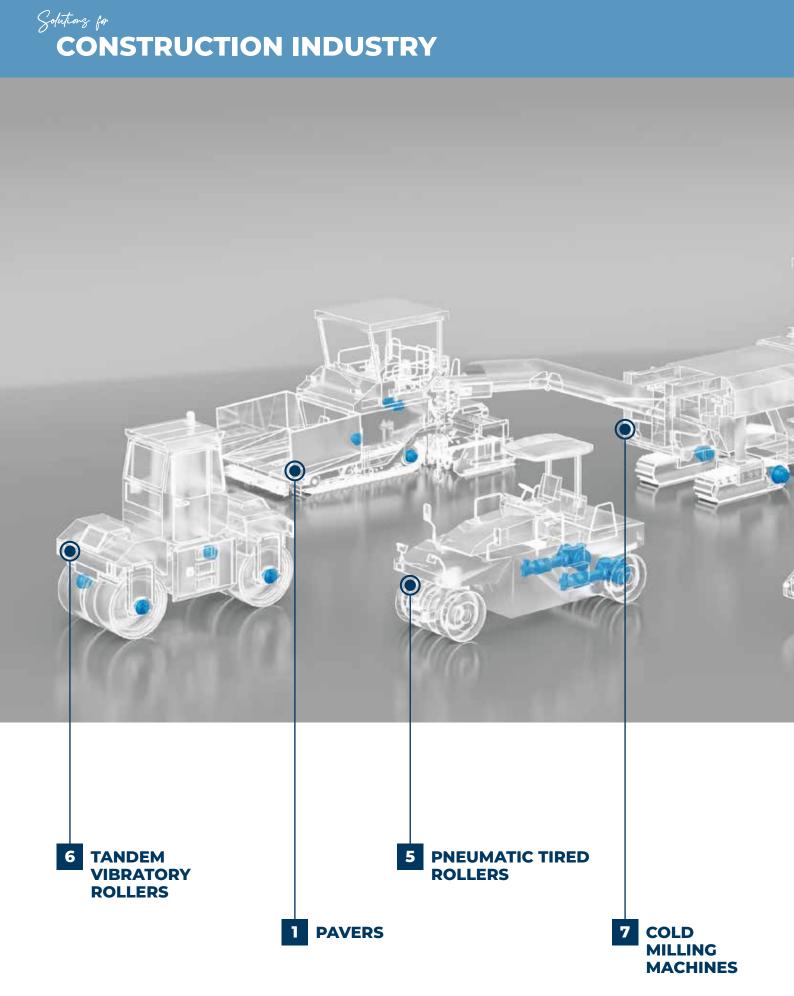
ATA		Т	orc	լue (Nm)		
	501	3.000				
7	564		12	.000		
CHNICAL	565		12	.000		
Ŧ	567			20.000		
Ī	568			20.000		
C	575					50.000
Ĕ	577				60.	000
	580					75.000

	Torque (Nm)
575	50.000
577	60.000
580	75.000



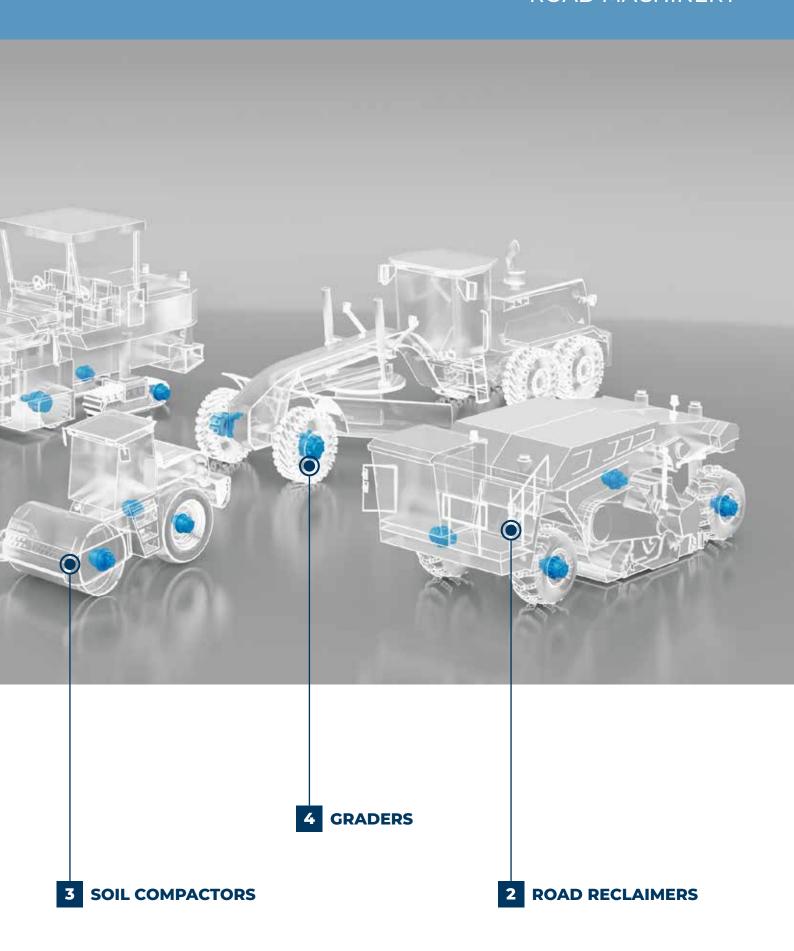
CONCRETE PROCESSES







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 | 🛞 | 🍥





BENEFITS

- 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		Torqu	ue (Nm)			
	705C2H	4.800	715C3B	5	5.000	
۲	706C3B	9.500	716C3B		76.000	
S	707C3B	19.000	717C3H		95.000	
Ŧ	709C3B	23.000	718C3H		105.00	0
Ī	710C3B	29.000	720C3H		174.000	
C	711C3B	32.000	722C3H		24	19.000
Ë	713C3B	45.000				

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

ENEFITS

Benefits for OEMs

- $\boldsymbol{\cdot}$ 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

Gea • Gea

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



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



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

EFITS

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

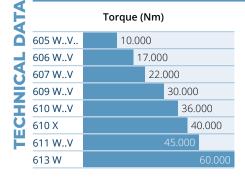
FEATU

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

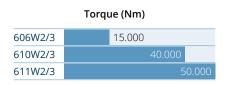
E-motor

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

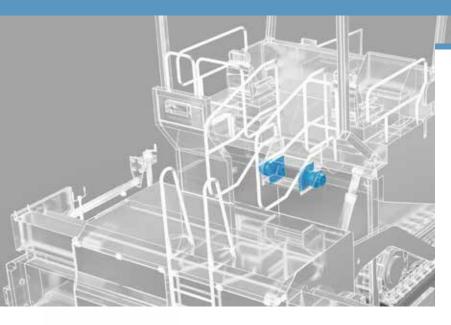
- Rotating housing flange with studs to fit wheels and drums
- · Optional mechanical gear disengagement on request











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

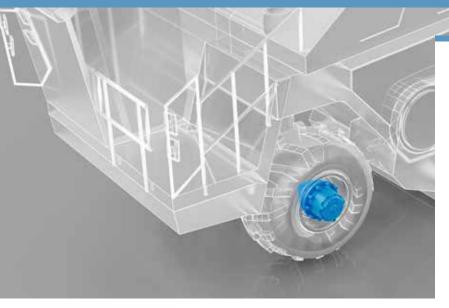
BENEFITS

- 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

ATA	Torque (Nm)						
	300	•	1.00	0			
۲	301		1.7	750			
CHNICAL	303		2	.50	0		
Ŧ	304			3.	600		
Ī	305				5.000		
C	306					8.500	
Ë	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

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

BENEFITS

- High torque capacity
- · Rugged design



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



700C Series | 🛞 | 🍥





Wheel drives

- · Safe & efficient solutions
- · Compact design



- Multiple ratios
- · Integrated disc-brake



Drum 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		Т	orqu	ıe (Nm))	
	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

	Torqu	ue (N	lm)		
706 C		18.0	000		
707 C			26.0	00	
709 C			30	0.000	
710 C				36.0	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						10	0.000

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

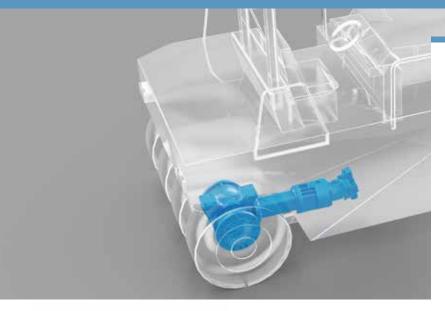
• High-speed clutch device

FECHNICAL 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

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



TANDEM VIBRATORY ROLLERS

Drum drives

6

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

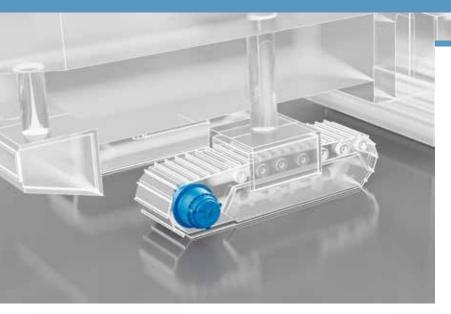
FEATURES

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

ATA				Torqu	ue (Nm)	
	700 C	1.000			707 C	26.000
۲	701 C	2.200			709 C	30.000
S	703 C	4.000)		710 C	36.000
Ĭ	705 C	10	.000		711 C	45.000
Ī	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 | 🛞 | 🍥



BENEFITS

- Compact design
- Designed for high-volume series applications



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





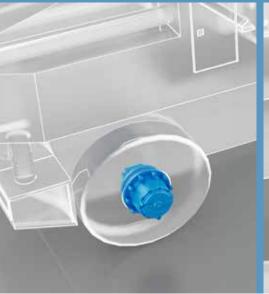
Track Drives

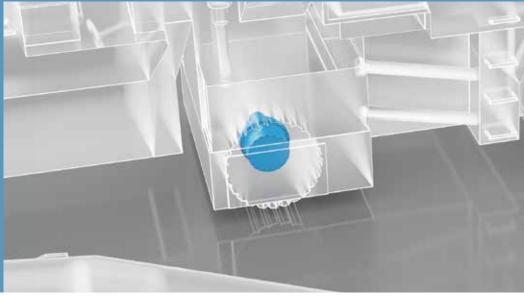
- · Rugged design
- · High torque & load capacity
- · Integrated hydraulic motor on request
- · Rotating housing
- · Lifelong mechanical seals on request
- · 3-7 Planetary wheels per stage
- · Notchless ground tooth root
- Multiple ratios
- · Integrated disc-brake

ATA	Torque (Nm)								
Ω	705 C	10	0.000		710 C		36.000		
۲	706 C		18.0	000	711 C	45.0	000		
S	707 C			26.000	713 C		60.000		
Ĭ	709 C			30.000					

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

ROAD MACHINERY







600 Series | 🛞

Wheel drives

BENEFITS

- High torque capacity
- · Rugged design



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



700C Series | 🛞 | 🍥





Cutter Drives

- 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	4.000					
۲	605 W		7.000					
CHNICAL	606 W		12.000					
Ž	607 W		17.000					
Ξ	609 W		23.000					
C	610 W						30.000	
Ë	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 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

~4,700
PEOPLE

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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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