

COMPLETE SOLUTIONS FOR PAVERS



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.

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.

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.

PAVERS

Track drives



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



700CE Series

Track Drives



Benefits for OEMs

- Ability to downsize and down-speed 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

- 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

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

TECHNICAL DATA

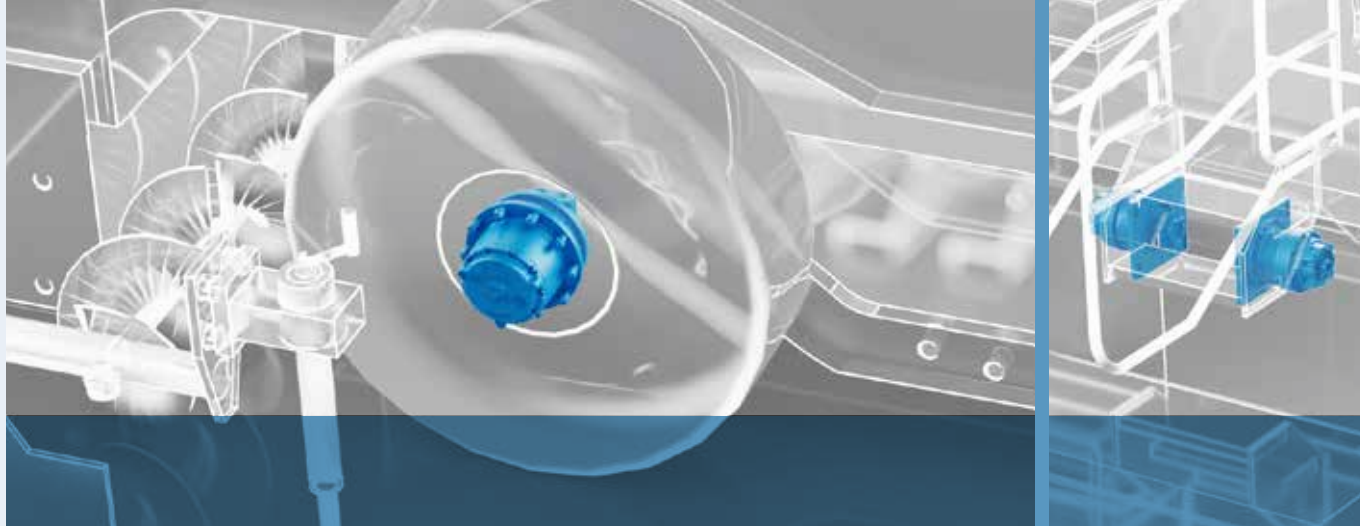
Torque (Nm)	
705C2H	4.800
706C3B	9.500
707C3B	19.000
709C3B	23.000
710C3B	29.000
711C3B	32.000
713C3B	45.000
715C3B	55.000
716C3B	76.000
717C3H	95.000
718C3H	105.000
720C3H	174.000
722C3H	249.000

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

Torque (Nm)		Rated power (kW)	
707 CE	26.000	BPM 240-L1	20
709 CE	30.000	BPM 240-L2	35
710 CE	36.000	BPM 240-L3	65
711 CE	45.000	BPM 300-L1	100
713 CE	60.000	BPM 300-L2	150

BENEFITS

FEATURES



Wheel and track drives

Auger drives



600W Series

Wheel Drives



Benefits for OEMs

- Ability to downsize and down-speed 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

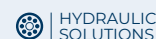


- High torque capacity
- Rugged design



300 Series

Auger drives



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

BENEFITS

FEATURES

Gearbox

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

E-motor

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

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

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

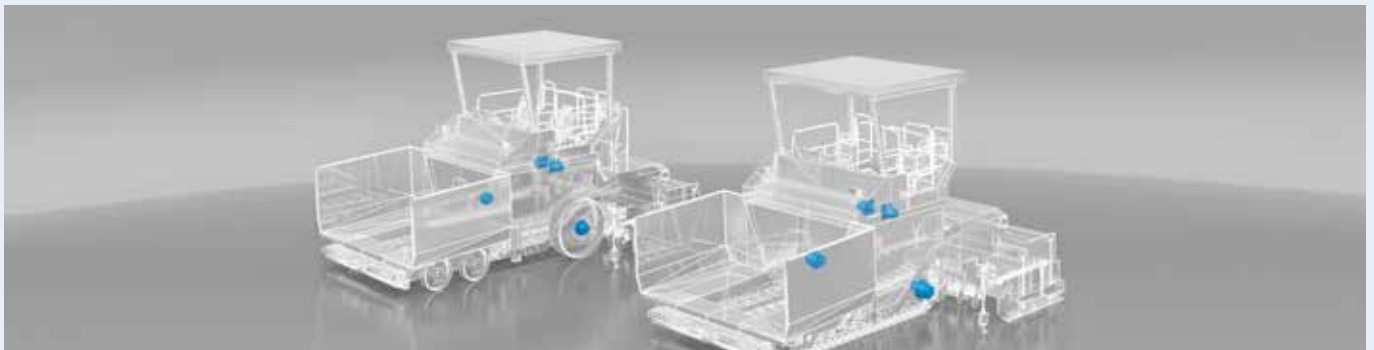
TECHNICAL DATA

Torque (Nm)		Rated power (kW)	
605 W..V..	10.000	BPM 240-L1	20
606 W..V	17.000	BPM 240-L2	35
607 W..V	22.000	BPM 240-L3	65
609 W..V	30.000	BPM 300-L1	100
610 W..V	36.000	BPM 300-L2	150
610 X	40.000		
611 W..V	45.000		
613 W	60.000		

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

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

BONFIGLIOLI COMPLETE SOLUTIONS FOR ROAD CONSTRUCTION MACHINERIES



PAVERS



COLD MILLING MACHINES



ROAD RECLAIMERS



GRADERS



**TANDEM VIBRATORY
ROLLERS**



**PNEUMATIC
TIRED ROLLERS**



**SOIL
COMPACTORS**