



*Solutions for*  
**AGRICULTURE  
& FORESTRY**

 **Bonfiglioli**





# Solutions for

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# Engineering Solutions



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# AGRICULTURE & FORESTRY

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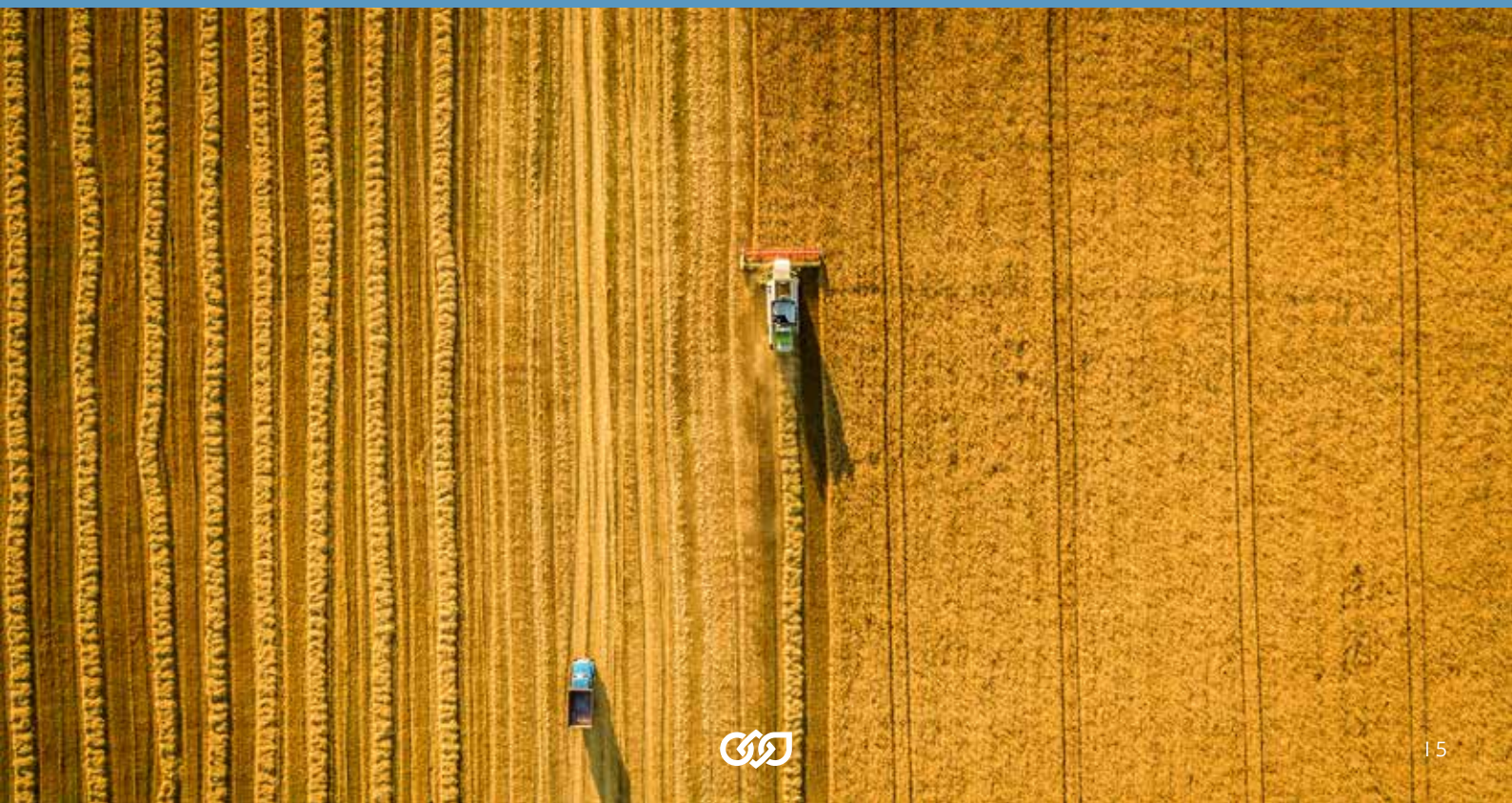
## THE MOST RELIABLE SOLUTIONS FOR AGRICULTURAL AND FOREST MACHINERY

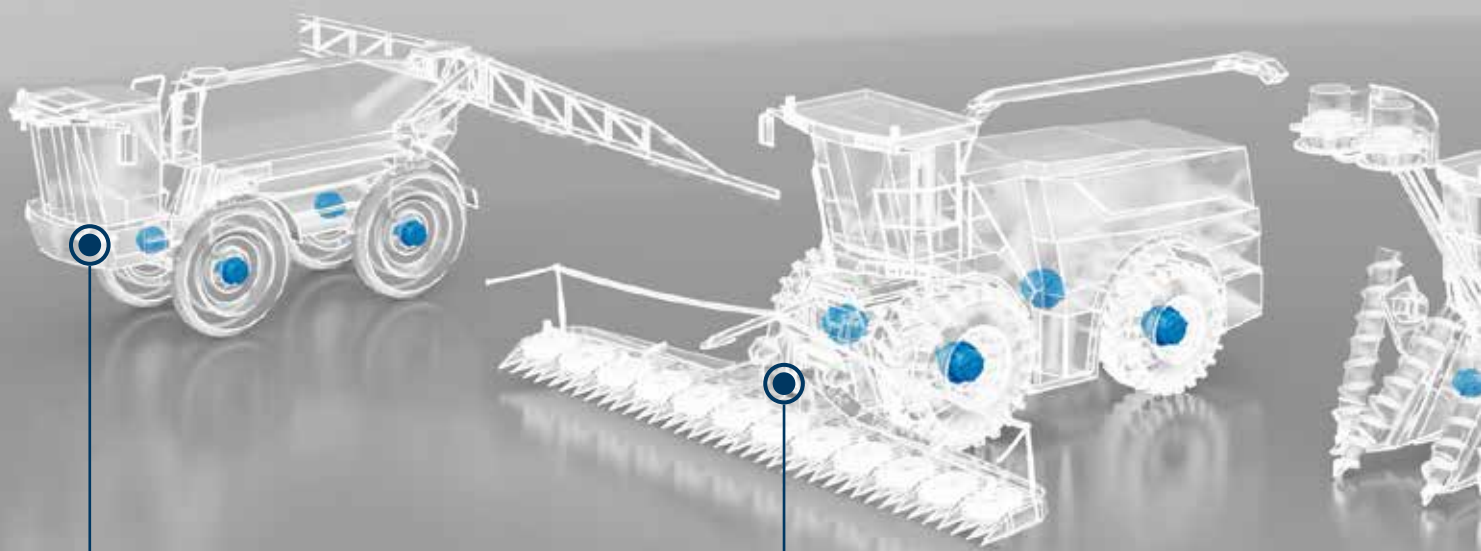
With almost 50 years of experience alongside major players on the market, Bonfiglioli is able to create, design and produce tailor-made drives for a wide range of applications in the agricultural sector, such as sprayers, harvesters, feed mixers and forest machines.

Through innovation, reliability, efficiency, cost-optimization and flexibility, Bonfiglioli experts help you to meet your customers' needs and requirements.

The vast range of customised solutions and extensive expertise in the industry make Bonfiglioli the ideal partner for all manufacturers of agricultural and forest machinery.

Furthermore Bonfiglioli offers integrated electric powerdrives replacing the conventional hydraulic application. The electrification of small AGRICULTURAL MACHINERY machines in their main functions is a first step ahead, improving efficiency, reducing CO2 emissions and noise levels.

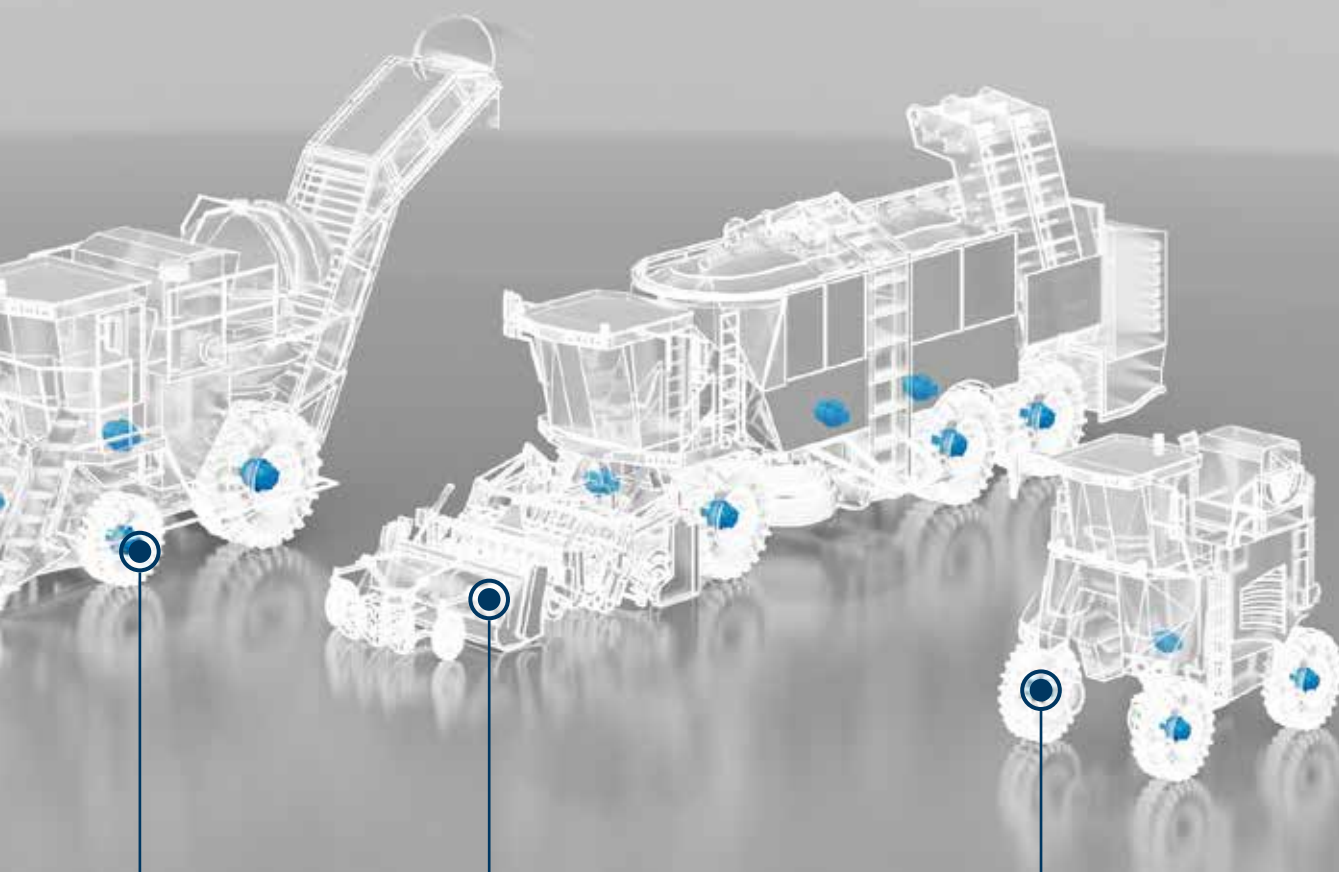




**SPRAYERS**

**FORAGE HARVESTERS**

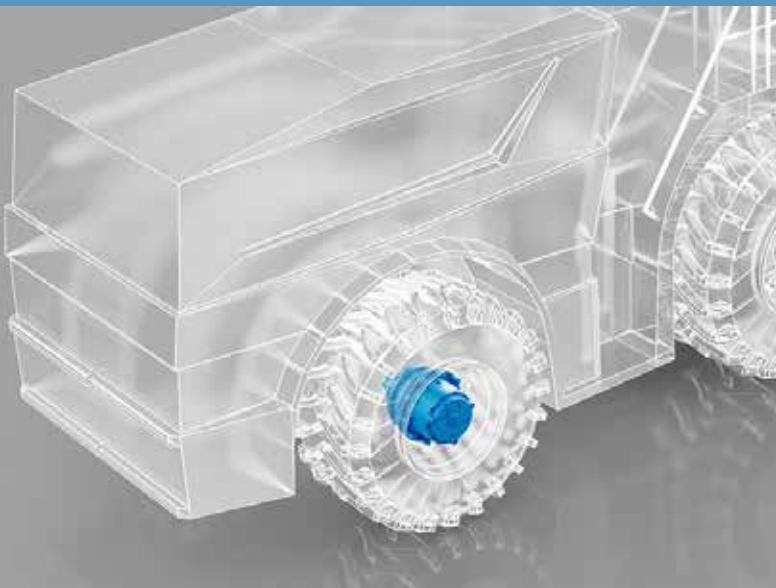




**SUGAR CANE HARVESTERS**

**POTATO HARVESTERS**

**GRAPE HARVESTERS**



## WHEELED AGRICULTURE MACHINES

The Bonfiglioli 600W Series is the best solution when designing wheeled off-road machinery. With a compact design, high torque and load capacities, a negative multi-disk parking brake and an optional disengagement device to tow the vehicle in an emergency, these solutions precisely match the application requirements.



### 600 Series

#### Wheel drives

#### BENEFITS

- Rotating housing flange with studs to fit wheels and drums
- Rugged design
- High torque capacity
- High load capacity
- Mechanical lifetime seals
- Compact design
- Optional mechanical gear disengagement on request

#### FEATURES

- Up to 4,000 rpm
- Hydraulically released parking brake on request
- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors
- Prearranged for hydraulic and electric motors
- Dynamic & service brake
- Electric version available on request



#### TECHNICAL DATA

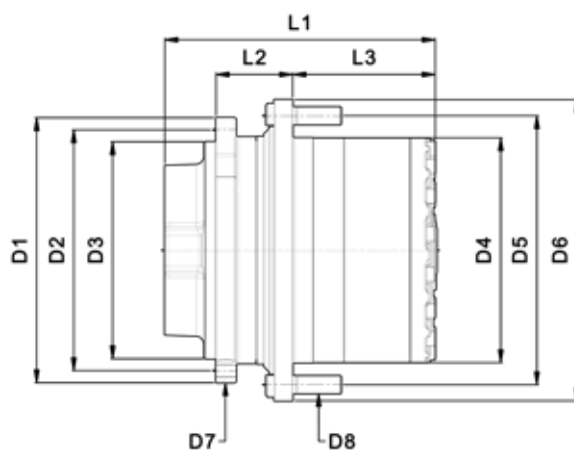
##### Torque (Nm)

|       |        |
|-------|--------|
| 603 W | 4,000  |
| 605 W | 7,000  |
| 606 W | 13,000 |
| 607 W | 18,000 |
| 609 W | 22,000 |
| 610 X | 36,000 |

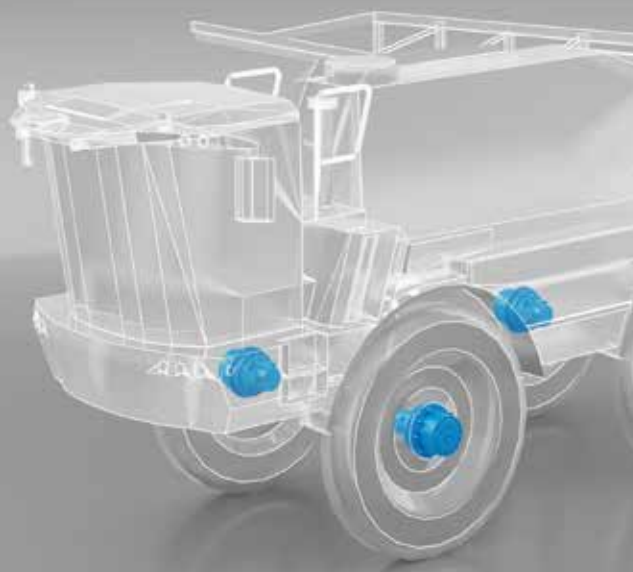


# WHEELED AGRICULTURAL MACHINES

| TYPE  | RANGE OF RATIOS | MAX. INPUT SPEED  | HYDRAULIC MOTOR DRIVE                             | MOTOR DISPLACEMENT | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | MACHINE WEIGHT | DESIGN |
|-------|-----------------|-------------------|---------------------------------------------------|--------------------|----------------|-----------------------|--------|----------------|--------|
|       | 1:              | min <sup>-1</sup> |                                                   | cc/rev             | Nm             | bar                   | kg     | tons           |        |
| 603 W | 19 ÷ 40         | 3,500             | Axial piston motor fixed or variable displacement | 28 ÷ 45            | 210            | 18                    | 45     | up to 8        | B      |
| 605 W | 22 ÷ 53         | 3,500             |                                                   | 28 ÷ 60            | 220 ÷ 310      | 10 - 20               | 70     | 5 ÷ 8          | B      |
| 606 W | 20 ÷ 128        | 4,000             |                                                   | 28 ÷ 80            | 300 ÷ 800      | 15 - 20               | 110    | up to 14       | A      |
| 607 W | 26 ÷ 154        | 4,000             |                                                   | 28 ÷ 80            | 300 ÷ 800      | 15 - 20               | 140    | 14 ÷ 18        | A      |
| 609 W | 22 ÷ 147        | 4,000             |                                                   | 45 ÷ 160           | 300 ÷ 800      | 15 - 20               | 170    | 16 ÷ 22        | A      |
| 610 X | 22.5 ÷ 51.4     | 4,000             |                                                   | 60 ÷ 160           | 800 ÷ 1.200    | 15 - 20               | 200    | 25 ÷ 35        | A      |



| TYPE  | D1  | D2  | D3  | D4  | D5  | D6  | D7            | D8            | L1  | L2  | L3  |
|-------|-----|-----|-----|-----|-----|-----|---------------|---------------|-----|-----|-----|
| 603 W | 270 | 230 | 190 | 200 | 245 | 280 | M16x2 no.8    | M18x1.5 no.6  | 230 | 72  | 128 |
| 605 W | 270 | 230 | 190 | 220 | 275 | 310 | M16x2 no.12   | M20x1.5 no.8  | 260 | 72  | 158 |
| 606 W | 330 | 300 | 270 | 280 | 335 | 370 | M16x2 no.18   | M22x1.5 no.10 | 330 | 115 | 200 |
| 607 W | 317 | 285 | 240 | 300 | 355 | 400 | M20x2.5 no.20 | M18x1.5 no.20 | 335 | 82  | 233 |
| 609 W | 375 | 340 | 300 | 350 | 400 | 435 | M20x2.5 no.16 | M22x1.5 no.16 | 350 | 91  | 243 |
| 610 X | 410 | 370 | 330 | 360 | 400 | 440 | M20x2.5 no.20 | M20x2.5 no.16 | 383 | 90  | 268 |



## WHEELED AGRICULTURE MACHINES

With a series of reliable products for wheeled agricultural machines, Bonfiglioli offers machine builders a range of excellent drive systems. In this version Bonfiglioli also includes its design for the high efficiency hydraulic motor TH68 in both versions (2-speed and variable speed).



### 600WT Series

#### Wheel drives

#### BENEFITS

- Spring-applied hydraulic-release integrated parking brake
- Faster, easier installation on the machine
- Mechanical gear disengagement

#### FEATURES

- Motor:
  - Integrated variable swash plate
  - Available with both hydraulic two position or electric proportional variable displacement control
  - Zero displacement capacity
- Input speed: up to 4,000 rpm
- Gear ratios: 22 ... 53
- Brake options
- Speed sensor
- Dynamic service brake with inspection port, directly serviceable from the motor side (no need to remove it from the machine)
- Main options: Dynamic & service brake



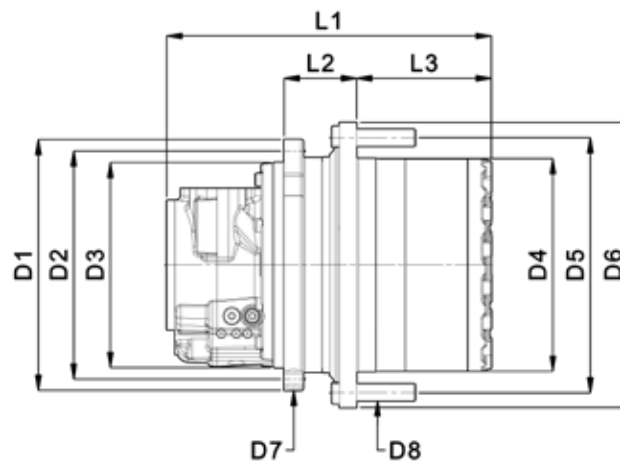
#### TECHNICAL DATA

##### Torque (Nm)

| Model  | Torque (Nm) |
|--------|-------------|
| 606 WT | 13,000      |

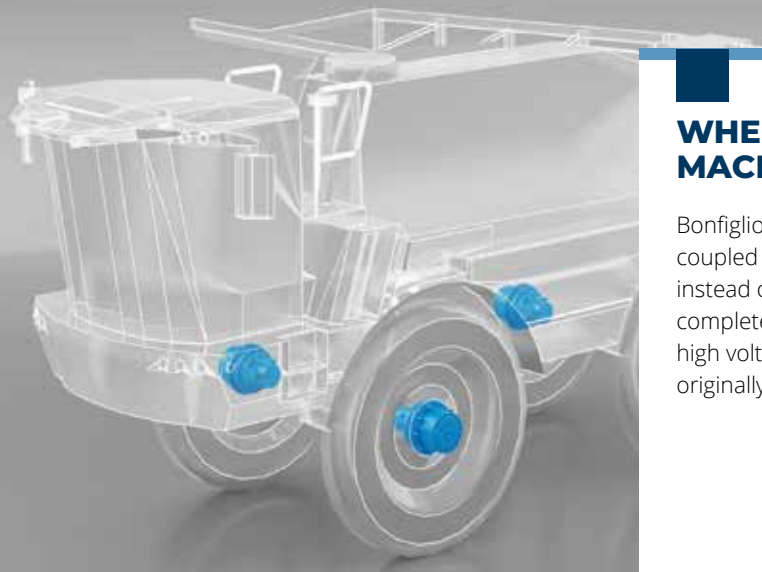
# WHEELED AGRICULTURAL MACHINES

| TYPE   | RANGE OF RATIOS | MAX. INPUT SPEED | HYDRAULIC MOTOR DRIVE | MOTOR DISPLACEMENT MIN/MAX | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | MACHINE WEIGHT |
|--------|-----------------|------------------|-----------------------|----------------------------|----------------|-----------------------|--------|----------------|
|        | 1:              | rpm              |                       | cc/rev                     | Nm             | bar                   | kg     | tons           |
| 606 WT | 23 ÷ 53         | 4,000            |                       | 68/25                      | 540            | 18                    | 100    | 10 ÷ 15        |



| TYPE   | D1  | D2  | D3  | D4  | D5  | D6  | D7      | D8          | L1  | L2 | L3  |
|--------|-----|-----|-----|-----|-----|-----|---------|-------------|-----|----|-----|
| 606 WT | 332 | 300 | 270 | 280 | 338 | 375 | M16 n12 | M22X1.5 n10 | 450 | 95 | 177 |





## WHEELED AGRICULTURE MACHINES

Bonfiglioli's 600W planetary wheel drives can be coupled to a high-power density electric motor, instead of a conventional hydraulic motor. This complete mechatronic solution is designed for a high voltage hybrid powertrain system and was originally conceived for self-propelled crop sprayers.



## 600WE Series

### Wheel drives



#### BENEFITS

##### Benefits for OEMs

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

##### Benefits for end users

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

#### FEATURES

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

- Permanent magnet motors
- Suitable for 400-800 Vdc batteries
- Liquid cooled
- Aluminum or cast iron housing
- Protection rating >IP65



## TECHNICAL DATA

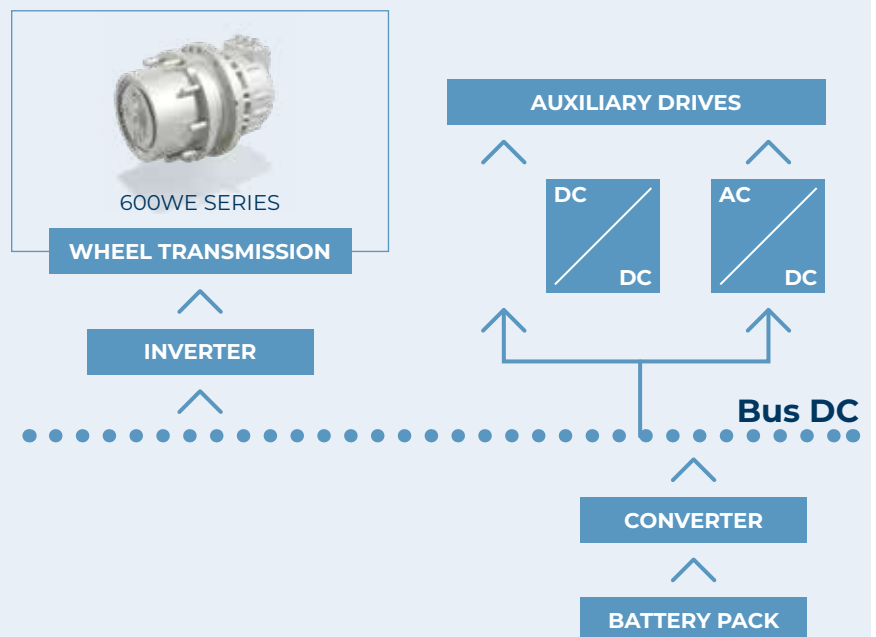
### Torque (Nm)

|       |        |
|-------|--------|
| 605 W | 10,000 |
| 606 W | 17,000 |
| 607 W | 22,000 |
| 609 W | 30,000 |
| 610 W | 36,000 |
| 610 X | 40,000 |

### Nominal power (kW)

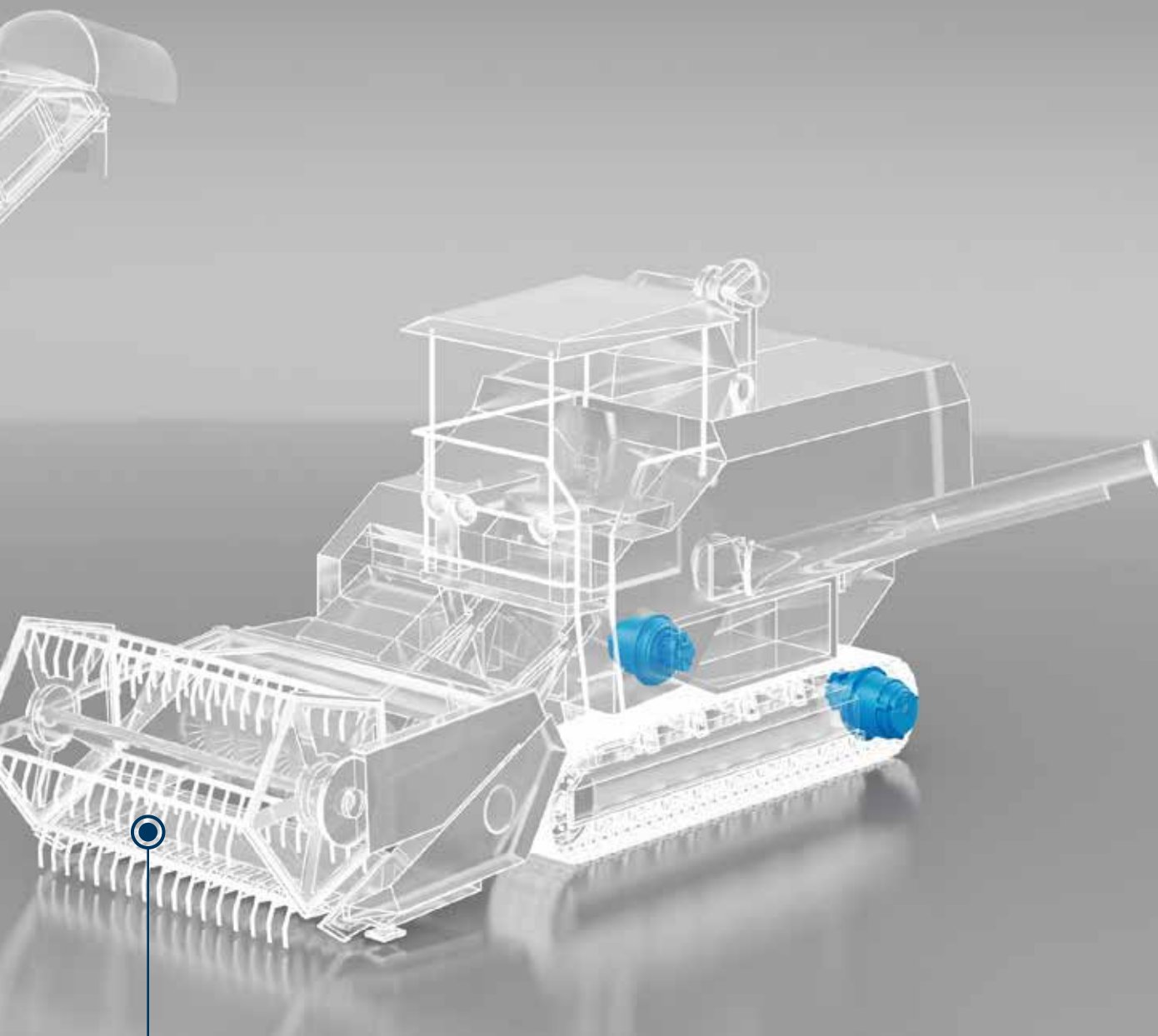
|            |     |
|------------|-----|
| BPM 240-L4 | 35  |
| BPM 240-L7 | 65  |
| BPM 300-L1 | 100 |
| BPM 300-L2 | 150 |

### Functional diagram





**SUGAR CANE HARVESTERS**



**RICE HARVESTERS**



## TRACKED AGRICULTURAL MACHINES

Bonfiglioli 700C series units are unsurpassed by any crawler or milling machines. Thanks to their compact, rugged design, high torque and load capabilities, and optional mechanical lifetime seals, these solutions are the best possible option for the machine. All units are available with a fail-safe parking brake and most have the option of cartridge type fixed or variable systems.



### 700C Series

#### Track drives

#### BENEFITS

- Rotating housing
- Rugged and compact design
- High torque capacity
- High load capacity
- Mechanical lifetime seals

#### FEATURES

- Up to 4,000 rpm
- Hydraulically released parking brake on request
- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors
- Hydraulic orbit motors
- Electric version available on request



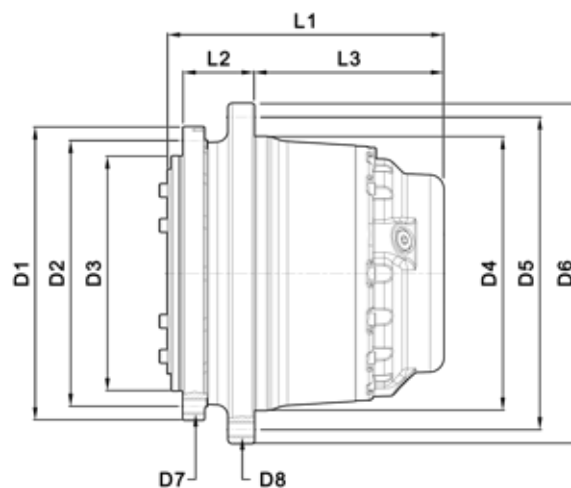
#### TECHNICAL DATA

##### Torque (Nm)

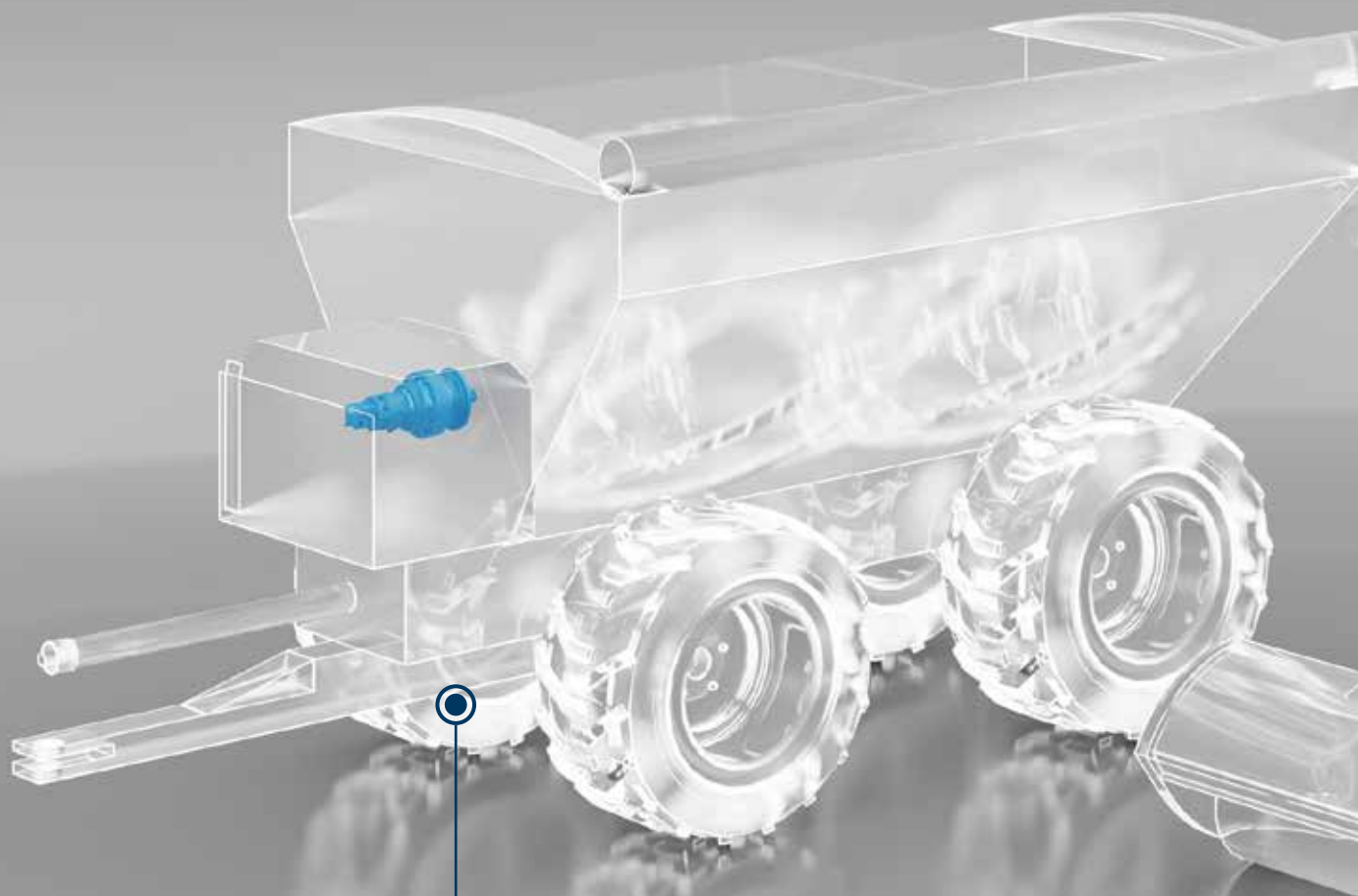
|            |        |
|------------|--------|
| 705 C1/2 H | 7,000  |
| 706 C3 B   | 15,000 |
| 707 C3 B   | 22,000 |
| 709 C3 B   | 25,000 |
| 710 C3 B   | 35,000 |
| 711 C3 B   | 40,000 |
| 713 C3 B   | 50,000 |
| 715 C3 B   | 80,000 |
| 716 C3 B   | 95,000 |

# TRACKED AGRICULTURAL MACHINES

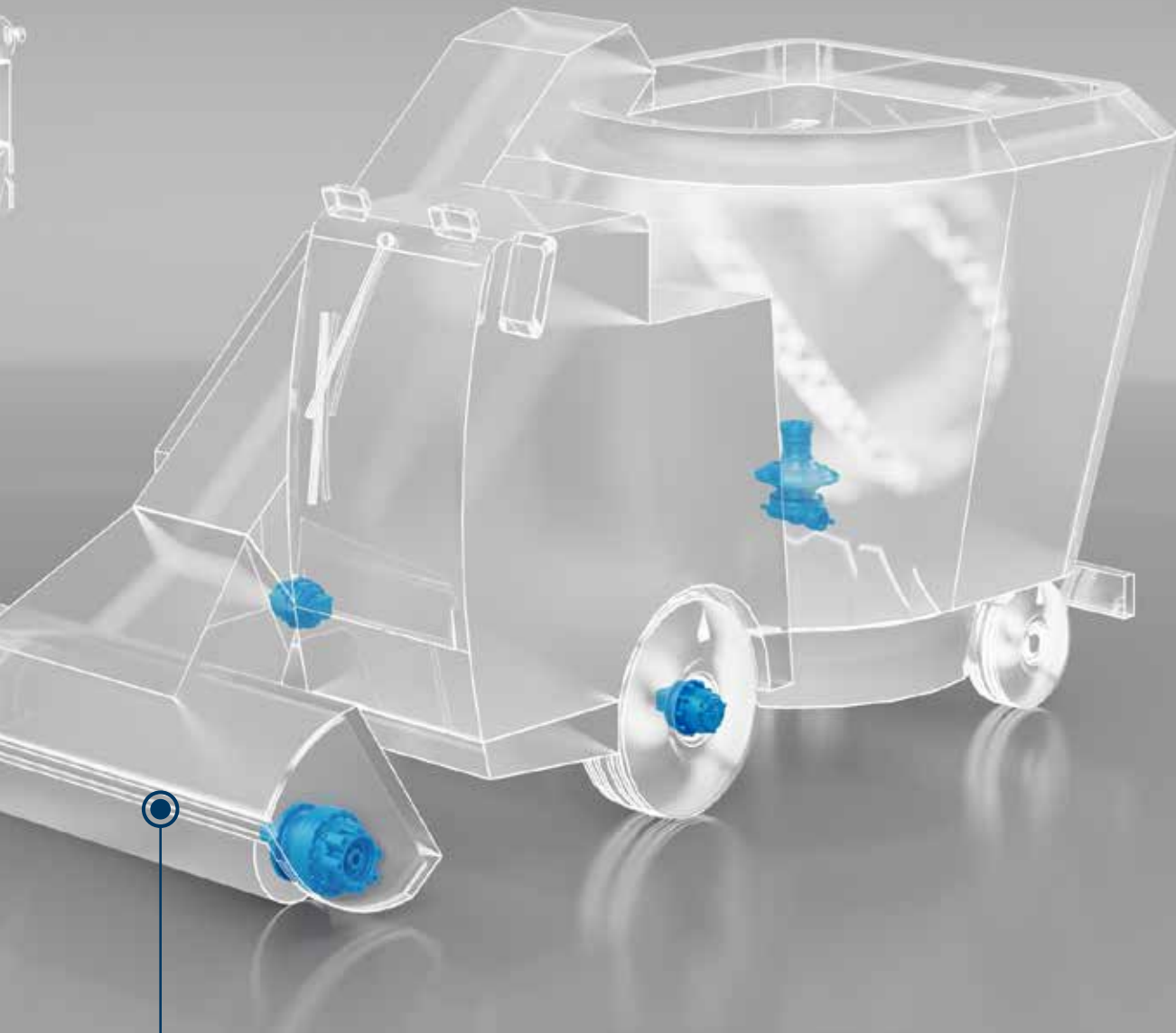
| TYPE     | RANGE OF RATIOS | MAX. INPUT SPEED  | HYDRAULIC MOTOR DRIVE                             | MOTOR DISPLACEMENT | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | MACHINE WEIGHT |
|----------|-----------------|-------------------|---------------------------------------------------|--------------------|----------------|-----------------------|--------|----------------|
|          | 1:              | min <sup>-1</sup> |                                                   | cc/rev             | Nm             | bar                   | kg     | tons           |
| 705 C1 H | 5.33            | 1,000             | Orbital motors                                    | 160 ÷ 250          | 250 - 500      | 10 - 20               | 80     | 5              |
| 705 C2 H | 22 ÷ 53         | 4,000             | Axial piston motor fixed or variable displacement | 28 ÷ 60            | 250 - 500      | 10 - 20               | 60     | 5 ÷ 7          |
| 706 C3 B | 68 ÷ 173        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 95     | 7 ÷ 13         |
| 707 C3 B | 55 ÷ 120        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 135    | 13 ÷ 16        |
| 709 C3 B | 55 ÷ 147        | 4,000             |                                                   | 45 ÷ 160           | 250 - 600      | 10 - 20               | 180    | 16 ÷ 22        |
| 710 C3 B | 55 ÷ 166        | 4,000             |                                                   | 60 ÷ 160           | 250 - 600      | 10 - 20               | 200    | 22 ÷ 28        |
| 711 C3 B | 71 ÷ 163        | 4,000             |                                                   | 60 ÷ 160           | 400 - 800      | 10 - 20               | 270    | 28 ÷ 35        |
| 713 C3 B | 56 ÷ 147        | 3,500             |                                                   | 60 ÷ 160           | 400 - 800      | 10 - 20               | 310    | 35 ÷ 45        |
| 715 C3 B | 62 ÷ 156        | 3,500             |                                                   | 60 ÷ 160           | 600 - 1,000    | 10 - 20               | 350    | 28 ÷ 35        |
| 716 C3 B | 83 ÷ 174        | 3,500             |                                                   | 60 ÷ 160           | 800 - 1,200    | 10 - 20               | 400    | 35 ÷ 40        |



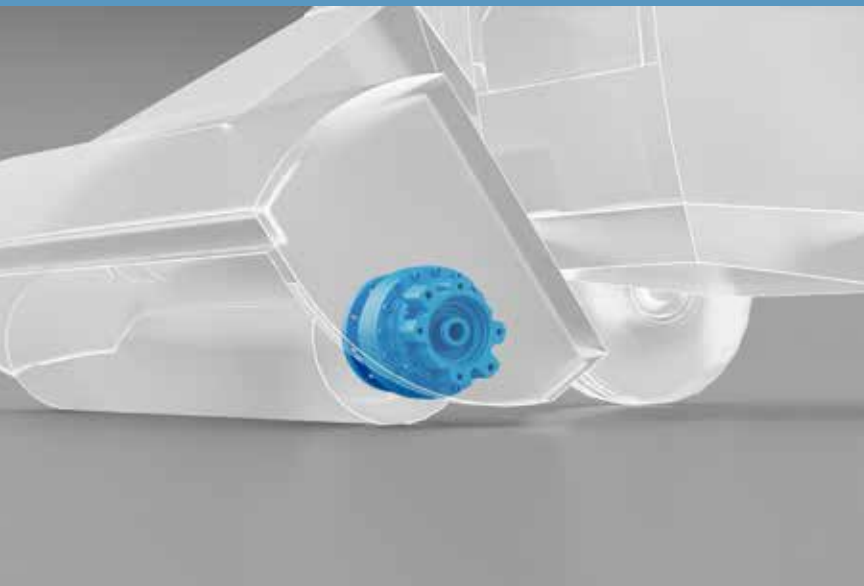
| TYPE     | D1  | D2  | D3  | D4  | D5  | D6  | D7            | D8            | L1  | L2  | L3  |
|----------|-----|-----|-----|-----|-----|-----|---------------|---------------|-----|-----|-----|
| 705 C1 H | 325 | 290 | 250 | 200 | 240 | 280 | M16x2 no.10   | M20x2.5 no.8  | 295 | 72  | 96  |
| 705 C2 H | 270 | 230 | 190 | 220 | 260 | 300 | M16x2 no.12   | M16x2 no.16   | 250 | 72  | 158 |
| 706 C3 B | 330 | 300 | 270 | 280 | 330 | 370 | M16x2 no.18   | M16x2 no.18   | 340 | 115 | 190 |
| 707 C3 B | 317 | 285 | 240 | 300 | 340 | 370 | M20x2.5 no.20 | M16x2 no.20   | 340 | 82  | 233 |
| 709 C3 B | 375 | 340 | 300 | 330 | 370 | 400 | M20x2.5 no.16 | M16x2 no.30   | 350 | 91  | 243 |
| 710 C3 B | 375 | 340 | 300 | 350 | 400 | 435 | M20x2.5 no.16 | M20x2.5 no.16 | 350 | 91  | 243 |
| 711 C3 B | 425 | 325 | 290 | 410 | 455 | 490 | M20x2.5 no.24 | M20x2.5 no.24 | 400 | 110 | 265 |
| 713 C3 B | 425 | 325 | 290 | 410 | 455 | 490 | M20x2.5 no.24 | M20x2.5 no.24 | 420 | 110 | 280 |
| 715 C3 B | 500 | 460 | 420 | 460 | 510 | 550 | M20x2.5 no.24 | M20x2.5 no.24 | 465 | 130 | 315 |
| 716 C3 B | 500 | 460 | 420 | 460 | 500 | 550 | M24x3 no.24   | M18x1.5 no.36 | 500 | 165 | 308 |



**TRAILED FEED-MIXERS**



**SELF-PROPELLED FEED-MIXERS**



## FEED-MIXERS CUTTER DRIVES

With a reliable series of products for feed mixers, Bonfiglioli gives machine builders the best possible choice of wheel drive.

The 300 series is compact and powerful. Its planetary drive train makes it the ideal choice for all heavy duty applications where shock loads and impacts are more the rule than the exception. The product configuration is highly versatile, due with several options for mounting, gear layout, output shaft and motor interface.



### 300 Series Cutter drives

#### BENEFITS

- High torque capacity
- High load capacity
- Rugged and compact design

#### FEATURES

- Hydraulically released parking brake on request
- Foot and flange mounted
- Output shaft: solid with key, splined, splined hollow, hollow with shrink disc
- Flanged axial piston hydraulic motors
- Hydraulic orbit motors
- IEC and Nema motor adapters
- Solid input shaft
- Rotating housing
- Mechanical lifetime seals



HYDRAULIC  
SOLUTIONS



ELECTRIC  
SOLUTIONS

#### TECHNICAL DATA

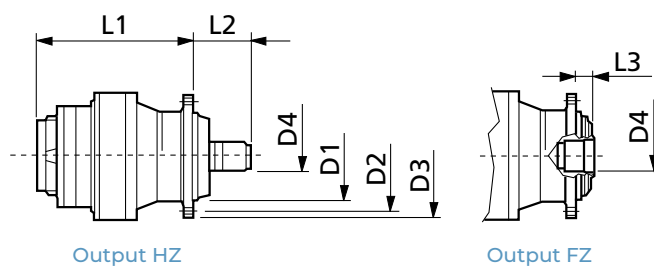
##### Torque (Nm)

|       |        |
|-------|--------|
| 307 M | 15,500 |
| 309 M | 23,000 |
| 310 M | 33,500 |
| 311 M | 49,000 |
| 313 M | 60,000 |

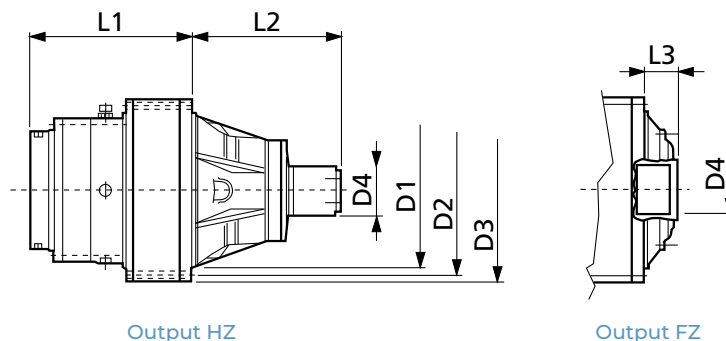


| TYPE  | MAX POWER | MAX INPUT SPEED | RANGE OF RATIOS | DESIGN |
|-------|-----------|-----------------|-----------------|--------|
|       | kW        | rpm             | 1:              |        |
| 307 M | 100       | 2,500           | 3.4 - 336       | A      |
| 309 M | 130       | 2,500           | 3.4 - 336       | B      |
| 310 M | 150       | 2,000           | 4 - 350         | B      |
| 311 M | 180       | 2,000           | 4 - 291         | B      |
| 313 M | 200       | 2,000           | 4 - 304         | B      |

## DESIGN A (300 - 307)



## DESIGN B (309 - 325)



| TYPE  | D1  | D2  | D3  | D4              | L1<br>(2 stages) | L2  | L3 |
|-------|-----|-----|-----|-----------------|------------------|-----|----|
| 307 M | 230 | 295 | 325 | 80x74 DIN 5482  | 300              | 162 | 36 |
| 309 M | 278 | 314 | 348 | 80x74 DIN 5482  | 215              | 231 | 82 |
| 310 M | 340 | 370 | 400 | 100x94 DIN 5482 | 245              | 290 | 95 |
| 311 M | 358 | 390 | 428 | 100x94 DIN 5482 | 250              | 320 | 88 |
| 313 M | 385 | 415 | 445 | 120x3 DIN 5480  | 310              | 357 | 81 |



## FEED-MIXERS

The Bonfiglioli auger drives series provides the safest and most effective solution for the vertical and horizontal screw feed mixers.

The flexibility of the design provides users with several options to meet the needs of their applications..

With a reliable optimized design, the Bonfiglioli 700T Series for auger applications meets all feed mixer requirements. The different interfaces make this series very flexible. The two shafts configuration for the in-line and multi-auger models is a fundamental.



## 700T Series

### Auger drives

#### BENEFITS

- Rugged and compact design
- High torque capacity
- High load capacity

#### FEATURES

- Gear ratios 15.4 ... 18.3
- Input speed 540 rpm
- Rotating housing
- Mechanical lifetime seals

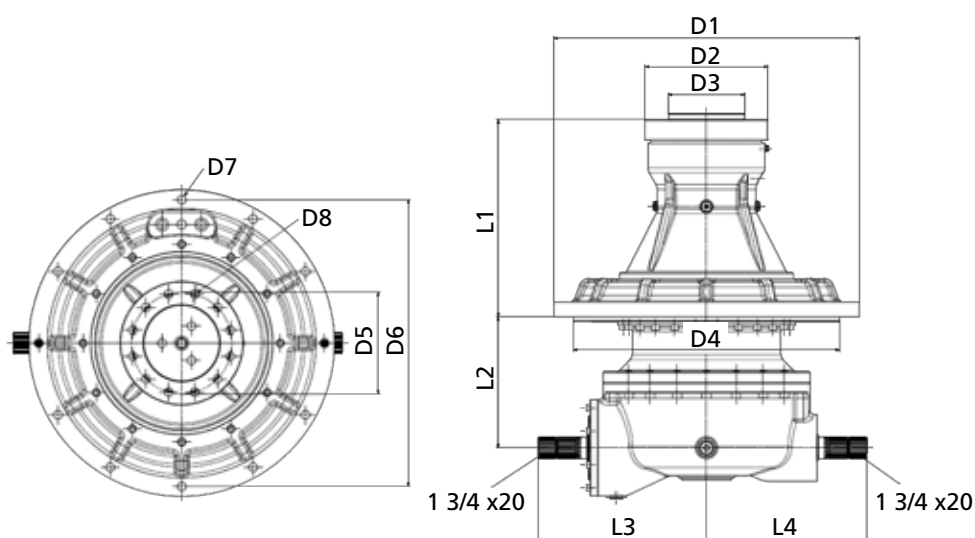


#### TECHNICAL DATA

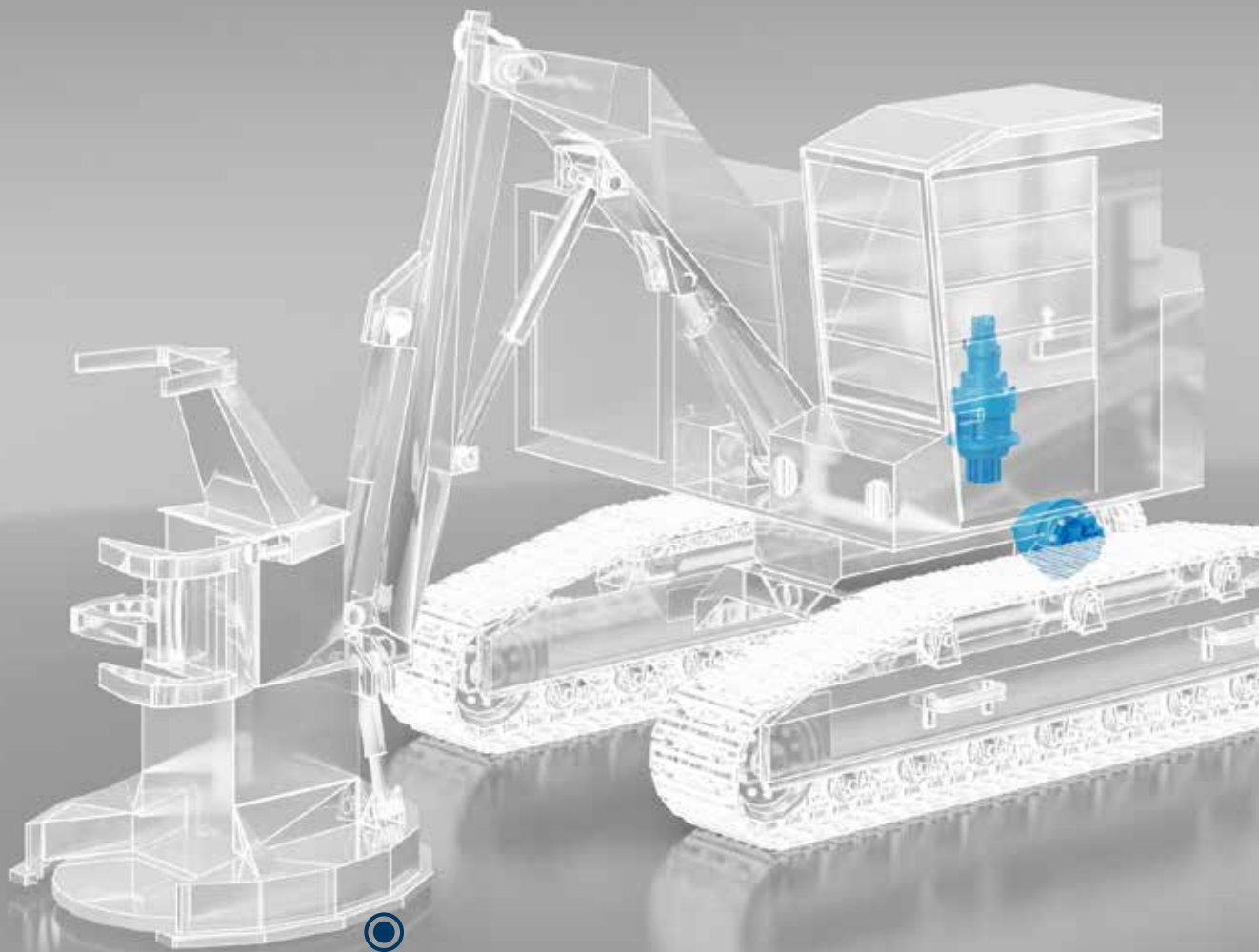
##### Torque (Nm)

|       |        |
|-------|--------|
| 709 T | 15,000 |
| 711 T | 21,000 |

| TYPE  | NOMINAL OUTPUT TORQUE | MAX. OUTPUT TORQUE | MAX. INPUT SPEED | RANGE OF RATIOS |
|-------|-----------------------|--------------------|------------------|-----------------|
|       | Nm                    | Nm                 | rpm              | 1:              |
| 709 T | 15,000                | 30,000             | 540              | 15.4 - 18.2     |
| 711 T | 21,000                | 42,000             | 540              | 15.4 - 18.3     |

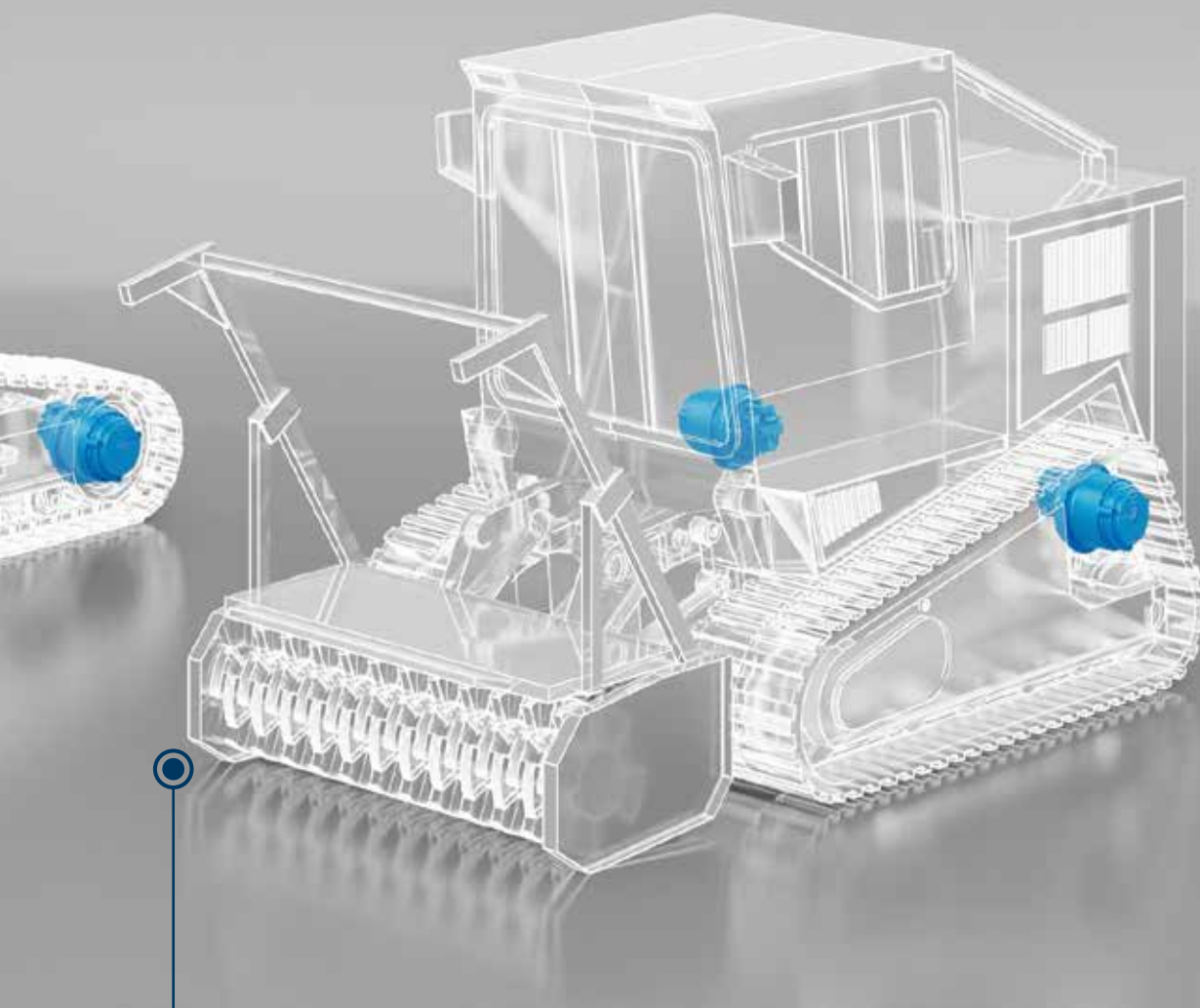


| TYPE  | D1  | D2  | D3    | D4  | D5  | D6  | D7        | D8            | L1  | L2  | L3  | L4  |
|-------|-----|-----|-------|-----|-----|-----|-----------|---------------|-----|-----|-----|-----|
| 709 T | 620 | 250 | 154.8 | 540 | 205 | 580 | D18 no.12 | M20x1.5 no.12 | 399 | 285 | 342 | 346 |
| 711 T | 620 | 250 | 154.8 | 540 | 205 | 580 | D18 no.12 | M20x1.5 no.12 | 399 | 305 | 342 | 346 |



1

## FELLER BUNCHERS AND LOG LOADERS



2

## MULCHER MACHINES





1

## FELLER BUNCHERS AND LOG LOADERS

The Bonfiglioli track drive series offers machine builders compact design and reliable solutions. A wide range of sizes is available.

Bonfiglioli 700C series units are unsurpassed by any crawler or milling machines. Thanks to compact, rugged design, high torque and load capabilities, and optional mechanical lifetime seals, these solutions are the best possible option for the machine. All units are available with a fail-safe parking brake and most have the option of cartridge type fixed or variable systems.



### 700C Series

#### Track drives

#### BENEFITS

- Rotating housing
- Rugged and compact design
- High torque capacity
- High load capacity

#### FEATURES

- Up to 4,000 rpm
- Hydraulically released parking brake on request
- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors
- Hydraulic orbit motors
- Electric version available on request
- Mechanical lifetime seals

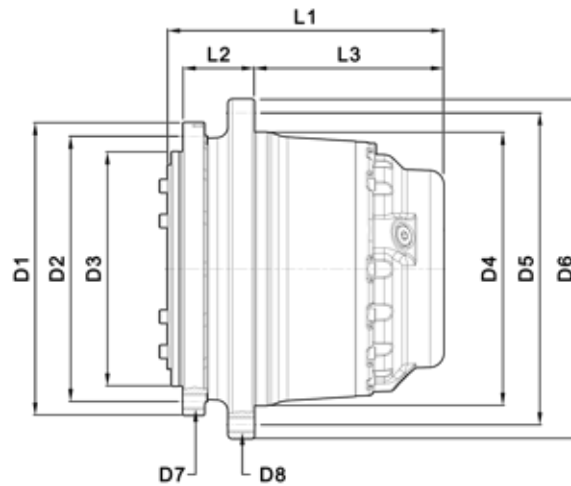


#### TECHNICAL DATA

##### Torque (Nm)

|            |        |
|------------|--------|
| 705 C1/2 H | 7,000  |
| 706 C3 B   | 15,000 |
| 707 C3 B   | 22,000 |
| 709 C3 B   | 25,000 |
| 710 C3 B   | 35,000 |
| 711 C3 B   | 40,000 |
| 713 C3 B   | 50,000 |
| 715 C3 B   | 80,000 |
| 716 C3 B   | 95,000 |

| TYPE     | RANGE OF RATIOS | MAX. INPUT SPEED  | HYDRAULIC MOTOR DRIVE                             | MOTOR DISPLACEMENT | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | MACHINE WEIGHT |
|----------|-----------------|-------------------|---------------------------------------------------|--------------------|----------------|-----------------------|--------|----------------|
|          | 1:              | min <sup>-1</sup> |                                                   | cc/rev             | Nm             | bar                   | kg     | tons           |
| 705 C1 H | 5.33            | 1,000             | Orbital motors                                    | 160 ÷ 250          | 250 - 500      | 10 - 20               | 80     | 5              |
| 705 C2 H | 22 ÷ 53         | 4,000             | Axial piston motor fixed or variable displacement | 28 ÷ 60            | 250 - 500      | 10 - 20               | 60     | 5 ÷ 7          |
| 706 C3 B | 68 ÷ 173        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 95     | 7 ÷ 13         |
| 707 C3 B | 55 ÷ 120        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 135    | 13 ÷ 16        |
| 709 C3 B | 55 ÷ 147        | 4,000             |                                                   | 45 ÷ 160           | 250 - 600      | 10 - 20               | 180    | 16 ÷ 22        |
| 710 C3 B | 55 ÷ 166        | 4,000             |                                                   | 60 ÷ 160           | 250 - 600      | 10 - 20               | 200    | 22 ÷ 28        |
| 711 C3 B | 71 ÷ 163        | 4,000             |                                                   | 60 ÷ 160           | 400 - 800      | 10 - 20               | 270    | 28 ÷ 35        |
| 713 C3 B | 56 ÷ 147        | 3,500             |                                                   | 60 ÷ 160           | 400 - 800      | 10 - 20               | 310    | 35 ÷ 45        |
| 715 C3 B | 62 ÷ 156        | 3,500             |                                                   | 60 ÷ 160           | 600 - 1,000    | 10 - 20               | 350    | 28 ÷ 35        |
| 716 C3 B | 83 ÷ 174        | 3,500             |                                                   | 60 ÷ 160           | 800 - 1,200    | 10 - 20               | 400    | 35 ÷ 40        |



| TYPE     | D1  | D2  | D3  | D4  | D5  | D6  | D7            | D8            | L1  | L2  | L3  |
|----------|-----|-----|-----|-----|-----|-----|---------------|---------------|-----|-----|-----|
| 705 C1 H | 325 | 290 | 250 | 200 | 240 | 280 | M16x2 no.10   | M20x2.5 no.8  | 295 | 72  | 96  |
| 705 C2 H | 270 | 230 | 190 | 220 | 260 | 300 | M16x2 no.12   | M16x2 no.16   | 250 | 72  | 158 |
| 706 C3 B | 330 | 300 | 270 | 280 | 330 | 370 | M16x2 no.18   | M16x2 no.18   | 340 | 115 | 190 |
| 707 C3 B | 317 | 285 | 240 | 300 | 340 | 370 | M20x2.5 no.20 | M16x2 no.20   | 340 | 82  | 233 |
| 709 C3 B | 375 | 340 | 300 | 330 | 370 | 400 | M20x2.5 no.16 | M16x2 no.30   | 350 | 91  | 243 |
| 710 C3 B | 375 | 340 | 300 | 350 | 400 | 435 | M20x2.5 no.16 | M20x2.5 no.16 | 350 | 91  | 243 |
| 711 C3 B | 425 | 325 | 290 | 410 | 455 | 490 | M20x2.5 no.24 | M20x2.5 no.24 | 400 | 110 | 265 |
| 713 C3 B | 425 | 325 | 290 | 410 | 455 | 490 | M20x2.5 no.24 | M20x2.5 no.24 | 420 | 110 | 280 |
| 715 C3 B | 500 | 460 | 420 | 460 | 510 | 550 | M20x2.5 no.24 | M20x2.5 no.24 | 465 | 130 | 315 |
| 716 C3 B | 500 | 460 | 420 | 460 | 500 | 550 | M24x3 no.24   | M18x1.5 no.36 | 500 | 165 | 308 |



1

## FELLER BUNCHERS AND LOG LOADERS

The F Series is perfectly suited to any crawler or milling machine. Thanks to compact, rugged design, high torque and load capabilities, these solutions are the best possible option. All units available with a fail-safe parking brake and for most cartridge type fixed or variable systems. Different disengagement systems are available on demand for all the sizes.



### F Series

#### Track drives

#### BENEFITS

- Rotating housing
- Rugged and compact design
- High torque capacity
- High load capacity
- High performance

#### FEATURES

##### Gear ratios

- 14 ... 824

##### Standard features

- Compact structure
- 3-7 Planetary wheels per stage
- Notchless ground tooth root
- Integrated disc-brake
- Mechanical lifetime seals

##### Special executions on request

- Mechanical disconnect device
- Low and high temperature version

HYDRAULIC  
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SOLUTIONS

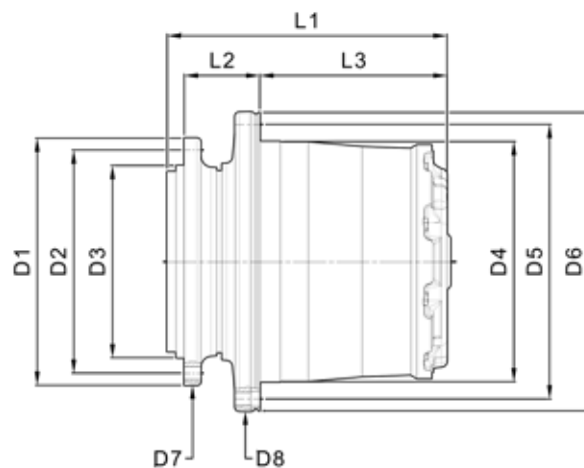
#### TECHNICAL DATA

##### Torque (Nm)

|      |         |
|------|---------|
| F13A | 13,000  |
| FD20 | 20,000  |
| F30  | 30,000  |
| F40  | 40,000  |
| F40A | 40,000  |
| F55  | 55,000  |
| F55A | 55,000  |
| F55B | 55,000  |
| F80  | 80,000  |
| F100 | 100,000 |
| F130 | 130,000 |
| F180 | 180,000 |

*Stated torques are peak values for short duration.*

| TYPE | RANGE OF RATIOS <sup>2</sup> | CAPACITY OF BEARING |           | WEIGHT <sup>4</sup> | MULTI-DISK BRAKE                   |                              | HYDRAULIC MOTOR           |                  |
|------|------------------------------|---------------------|-----------|---------------------|------------------------------------|------------------------------|---------------------------|------------------|
|      |                              | C-dynamic           | Co-static |                     | Locking torque                     | Release pressure min.        | Plug-in fixed             | Plug-in variable |
|      | i                            | kN                  | kN        | kg                  | Nm                                 | bar                          | ccm                       | ccm              |
| F13A | 41 <sup>(1)</sup> ÷ 229      | 132                 | 255       | 50                  | 200                                | 17                           | 28-30-32                  | 28-45            |
| FD20 | 81 ÷ 228                     | 194/194             | 325/315   | 72                  | 300                                | 16                           | 28-30-32                  | 28-45            |
| F30  | 19 <sup>(1)</sup> ÷ 305      | 132/194             | 255/325   | 94                  | 300 (255; 400) <sup>3</sup>        | 16 (16; 22) <sup>3</sup>     | 28-30-32-40-45-56-60-63   | 28-45-55-60      |
| F40  | 19 <sup>(1)</sup> ÷ 181      | 224                 | 405       | 115                 | 420                                | 18                           | 40-45-56-60-63            | 55-60            |
| F40A |                              | 224                 | 405       | 123                 | 420                                | 18                           | 80-90                     | 80               |
| F55  | 16 <sup>(1)</sup> ÷ 185      | 224                 | 405       | 165                 | 420 (390; 500) <sup>3</sup>        | 15 (15; 21) <sup>3</sup>     | 80-90                     | 80               |
| F55A |                              | 224                 | 405       | 177                 | 420 (390; 500) <sup>3</sup>        | 15 (15; 21) <sup>3</sup>     | 40-45-56-60-63            | 55-60            |
| F55B |                              | 224                 | 405       | 181                 | 420 (390; 500) <sup>3</sup>        | 15 (15; 21) <sup>3</sup>     | -                         | 107-110          |
| F80  | 19 <sup>(1)</sup> ÷ 206      | 300                 | 570       | 230                 | 600 (375; 550; 1,000) <sup>3</sup> | 18 (18; 19; 28) <sup>3</sup> | 80-90-107-110-125-160-180 | 80-107-110-160   |
| F100 | 21 <sup>(1)</sup> ÷ 226      | 498                 | 1,010     | 330                 | 600 (900) <sup>3</sup>             | 15 (13) <sup>3</sup>         | 107-125-160-180           | 107-110-160      |
| F130 | 14 <sup>(1)</sup> ÷ 206      | 523                 | 980       | 452                 | 750                                | 19                           | 107-125-160-180           | 107-160          |
| F180 | 206 ÷ 824 <sup>(5)</sup>     | 787                 | 1,650     | 636                 | 1,375 (800) <sup>3</sup>           | 35 (35) <sup>3</sup>         | 160-180                   | 160              |



| TYPE | D1  | D2  | D3  | D4  | D5  | D6  | D7            | D8            | L1    | L2  | L3  |
|------|-----|-----|-----|-----|-----|-----|---------------|---------------|-------|-----|-----|
| F13A | 256 | 230 | 190 | 220 | 260 | 290 | M16x2 no.12   | M16x2 no.8    | 255   | 72  | 153 |
| FD20 | 304 | 275 | 240 | 270 | 305 | 335 | M16x2 no.18   | M16x2 no.18   | 300   | 75  | 184 |
| F30  | 304 | 275 | 240 | 270 | 305 | 335 | M16x2 no.18   | M16x2 no.18   | 323   | 75  | 223 |
| F40  | 320 | 285 | 240 | 295 | 335 | 370 | M20x1.5 no.20 | M20x1.5 no.20 | 338   | 91  | 231 |
| F40A | 345 | 310 | 270 | 295 | 335 | 370 | M20x1.5 no.16 | M20x1.5 no.20 | 357   | 91  | 231 |
| F55  | 360 | 325 | 280 | 350 | 400 | 435 | M20x1.5 no.24 | M20x1.5 no.20 | 413   | 110 | 278 |
| F55A | 320 | 285 | 240 | 350 | 40  | 435 | M20x1.5 no.20 | M20x1.5 no.20 | 399   | 91  | 278 |
| F55B | 370 | 335 | 290 | 350 | 400 | 435 | M20x1.5 no.20 | M20x1.5 no.20 | 425   | 110 | 278 |
| F80  | 410 | 370 | 330 | 400 | 450 | 490 | M24x2 no.20   | M24x2 no.20   | 415   | 90  | 290 |
| F100 | 500 | 460 | 390 | 408 | 460 | 500 | M24x2 no.30   | M24x2 no.24   | 463   | 165 | 261 |
| F130 | 550 | 500 | 390 | 450 | 500 | 550 | M24x2 no.32   | M24x2 no.32   | 532   | 190 | 295 |
| F180 | 560 | 510 | 450 | 535 | 600 | 650 | M24x2 no.30   | M27x2 no.30   | 534.5 | 168 | 337 |

1) 2-stage on demand  
2) Other ratios on request

3) Optional brake torques  
4) Without hydraulic motor

5) In combination with input bevel drive

1

## FELLER BUNCHERS AND LOG LOADERS

Bonfiglioli slew drives for forestry machines are the most efficient solutions available on the market today. Highly valued by major manufacturers, the product range benefits from years of field testing. The Bonfiglioli 700T series provides the safest, most effective solution for cranes, excavators and forestry machines. Highly appreciated by all major manufacturers, the 700T Series has long been established in the crane, excavator and special equipment industries.



### 700T Series

#### Slew drives

#### BENEFITS

- Flange mounted
- Rugged design
- High torque capacity

#### FEATURES

- Output shaft: splined or with pinion
- Output shafts supported by heavy-duty capacity bearings

#### Brake options

- Hydraulically released parking brake on request
- DC and AC type

#### Applicable motors

- Piston hydraulic motors
- Hydraulic orbit motors
- Electric motors IEC

#### Motor options

- Pressure relief valve
- Overcenter valve

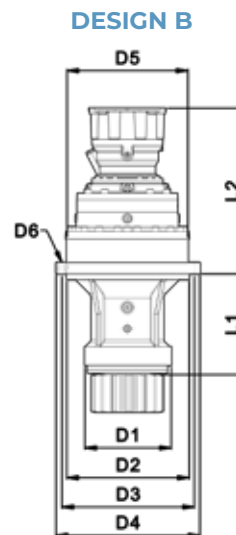
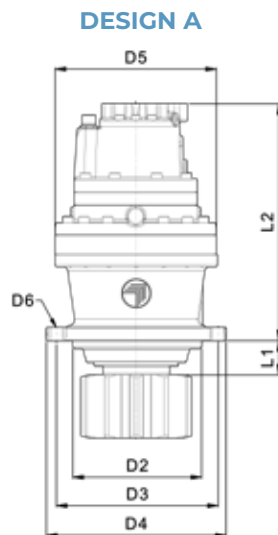
HYDRAULIC  
SOLUTIONSELECTRIC  
SOLUTIONS

#### TECHNICAL DATA

##### Torque (Nm)

|        |        |
|--------|--------|
| 705 T2 | 5,000  |
| 706 T2 | 7,500  |
| 707 T2 | 9,000  |
| 709 T2 | 12,000 |
| 710 T2 | 18,000 |
| 711 T2 | 20,000 |
| 712 T2 | 30,000 |
| 713 T3 | 40,000 |

| TYPE     | RANGE OF RATIOS | MAX. INPUT SPEED  | HYDRAULIC MOTOR DRIVE                             | MOTOR DISPLACEMENT | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | DESIGN | MACHINE WEIGHT |
|----------|-----------------|-------------------|---------------------------------------------------|--------------------|----------------|-----------------------|--------|--------|----------------|
|          | 1:              | min <sup>-1</sup> |                                                   | cc/rev             | Nm             | bar                   | kg     |        | tons           |
| 705 T2 F | 12 ÷ 44         | 3,500             | Axial piston motor fixed or variable displacement | 28 - 80            | 50 - 400       | 10 - 30               | 55     | A      | Up to 10       |
| 705 T2 L | 12 ÷ 44         | 3,500             |                                                   | 28 - 80            | 50 - 400       | 10 - 30               | 80     | B      | Up to 10       |
| 706 T2 N | 15 ÷ 46         | 3,500             |                                                   | 28 - 80            | 400 - 1,000    | 20 - 30               | 95     | B      | 14-16          |
| 707 T2 N | 17 ÷ 47         | 3,500             |                                                   | 28 - 80            | 400 - 1,000    | 20 - 30               | 140    | B      | 16-18          |
| 709 T2 N | 17 ÷ 47         | 3,500             |                                                   | 45 - 110           | 400 - 1,000    | 20 - 30               | 165    | B      | 18-22          |
| 710 T2 N | 19 ÷ 38         | 3,500             |                                                   | 45 - 110           | 400 - 1,000    | 20 - 30               | 250    | B      | 22-28          |
| 711 T2 C | 14 ÷ 39         | 3,500             |                                                   | 60 - 160           | 400 - 1,000    | 20 - 30               | 300    | B      | 28-35          |
| 711 T2 F | 14 ÷ 39         | 3,500             |                                                   | 60 - 160           | 400 - 1,000    | 20 - 30               | 160    | A      | 28-35          |
| 712 T3 F | 80 ÷ 200        | 3,500             |                                                   | 60 - 200           | 400 - 1,000    | 20 - 30               | 450    | A      | 35-40          |
| 712 T3 N | 80 ÷ 200        | 3,500             |                                                   | 60 - 200           | 400 - 1,000    | 20 - 30               | 450    | B      | 35-40          |
| 713 T3 N | 50 ÷ 300        | 3,500             |                                                   | 60 - 200           | 400 - 1,000    | 20 - 30               | 500    | B      | Over 40        |



| TYPE     | D1  | D2  | D3  | D4  | D5  | D6        | L1  | L2    | M                                               | Z |
|----------|-----|-----|-----|-----|-----|-----------|-----|-------|-------------------------------------------------|---|
| 705 T2 F | -   | 175 | 245 | 272 | 245 | 18        | 41  | 440   | Pinion module / number of teeth<br>UPON REQUEST |   |
| 705 T2 L | 180 | 195 | 245 | 290 | 245 | 13        | 171 | 470   |                                                 |   |
| 706 T2 N | 200 | 250 | 325 | 360 | 292 | 17        | 225 | 560   |                                                 |   |
| 707 T2 N | 230 | 280 | 314 | 348 | 345 | 17        | 295 | 670   |                                                 |   |
| 709 T2 N | 250 | 280 | 380 | 420 | 345 | 17        | 295 | 720   |                                                 |   |
| 710 T2 N | 300 | 425 | 460 | 500 | 400 | 22        | 360 | 730   |                                                 |   |
| 711 T2 C | 300 | 425 | 460 | 500 | 428 | 22        | 345 | 735   |                                                 |   |
| 711 T2 F | 500 | 320 | 500 | 560 | 425 | 22        | 70  | 750   |                                                 |   |
| 712 T3 F | -   | 410 | 450 | 490 | 420 | ø21 no.24 | 120 | 900   |                                                 |   |
| 712 T3 N | 400 | 425 | 470 | 510 | 420 | ø20 no.30 | 350 | 900   |                                                 |   |
| 713 T3 N | 340 | 400 | 510 | 560 | 445 | 22        | 420 | 1,030 |                                                 |   |



## 2

**MULCHER MACHINE**

The Bonfiglioli track drive series offers mulcher machine builders a compact design and reliable solutions. A wide range of sizes is available. Bonfiglioli 700C series units are unsurpassed by any crawler or milling machines. Thanks to compact, rugged design, high torque and load capabilities, and optional mechanical lifetime seals, these solutions are the best possible option for the machine. All units are available with a fail-safe parking brake and most have the option of cartridge type fixed or variable systems.

**700C Series****Track drives****BENEFITS**

- Rotating housing
- Rugged and compact design
- High torque capacity
- High load capacity

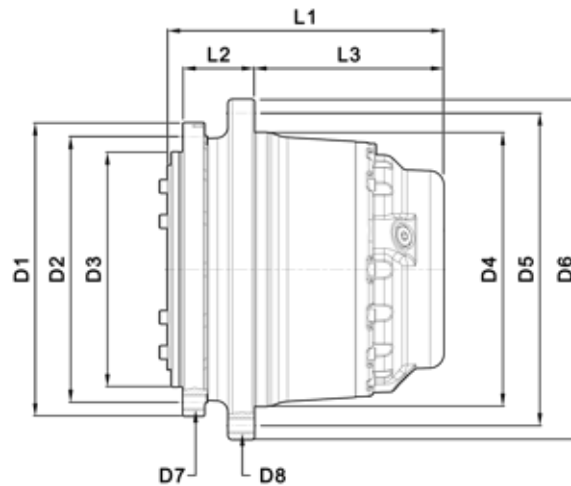
**FEATURES**

- Up to 4,000 rpm
- Hydraulically released parking brake on request
- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors
- Hydraulic orbital motors
- Electric version available on request
- Mechanical lifetime seals

**TECHNICAL DATA****Torque (Nm)**

|            |        |
|------------|--------|
| 705 C1/2 H | 7,000  |
| 706 C3 B   | 15,000 |
| 707 C3 B   | 22,000 |
| 709 C3 B   | 25,000 |

| TYPE     | RANGE OF RATIOS | MAX. INPUT SPEED  | HYDRAULIC MOTOR DRIVE                             | MOTOR DISPLACEMENT | BRAKING TORQUE | MIN. OPENING PRESSURE | WEIGHT | MACHINE WEIGHT |
|----------|-----------------|-------------------|---------------------------------------------------|--------------------|----------------|-----------------------|--------|----------------|
|          | 1:              | min <sup>-1</sup> |                                                   | cc/rev             | Nm             | bar                   | kg     | tons           |
| 705 C1 H | 5.33            | 1,000             | Orbital motors                                    | 160 ÷ 250          | 250 - 500      | 10 - 20               | 80     | 5              |
| 705 C2 H | 22 ÷ 53         | 4,000             | Axial piston motor fixed or variable displacement | 28 ÷ 60            | 250 - 500      | 10 - 20               | 60     | 5 ÷ 7          |
| 706 C3 B | 68 ÷ 173        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 95     | 7 ÷ 13         |
| 707 C3 B | 55 ÷ 120        | 4,000             |                                                   | 28 ÷ 80            | 250 - 500      | 10 - 20               | 135    | 13 ÷ 16        |
| 709 C3 B | 55 ÷ 147        | 4,000             |                                                   | 45 ÷ 160           | 250 - 600      | 10 - 20               | 180    | 16 ÷ 22        |



| TYPE     | D1  | D2  | D3  | D4  | D5  | D6  | D7            | D8           | L1  | L2  | L3  |
|----------|-----|-----|-----|-----|-----|-----|---------------|--------------|-----|-----|-----|
| 705 C1 H | 325 | 290 | 250 | 200 | 240 | 280 | M16x2 no.10   | M20x2.5 no.8 | 295 | 72  | 96  |
| 705 C2 H | 270 | 230 | 190 | 220 | 260 | 300 | M16x2 no.12   | M16x2 no.16  | 250 | 72  | 158 |
| 706 C3 B | 330 | 300 | 270 | 280 | 330 | 370 | M16x2 no.18   | M16x2 no.18  | 340 | 115 | 190 |
| 707 C3 B | 317 | 285 | 240 | 300 | 340 | 370 | M20x2.5 no.20 | M16x2 no.20  | 340 | 82  | 233 |
| 709 C3 B | 375 | 340 | 300 | 330 | 370 | 400 | M20x2.5 no.16 | M16x2 no.30  | 350 | 91  | 243 |

2

## MULCHER MACHINE

The Bonfiglioli track drive series offers mulcher machine builders compact design and reliable solutions. The 700CT Series offers you the complete drive solution of an hydraulic moto-reducer completely designed by Bonfiglioli. High performance and efficiency in an unique solution are the big plus of this choice. Configurations with 2-speed or variable speed are available.



## 700CT Series

### Track drives

#### BENEFITS

- Compact, lightweight design
- 2 speed and variable speed configurations available
- Motor-gearbox integrated solution

#### FEATURES

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

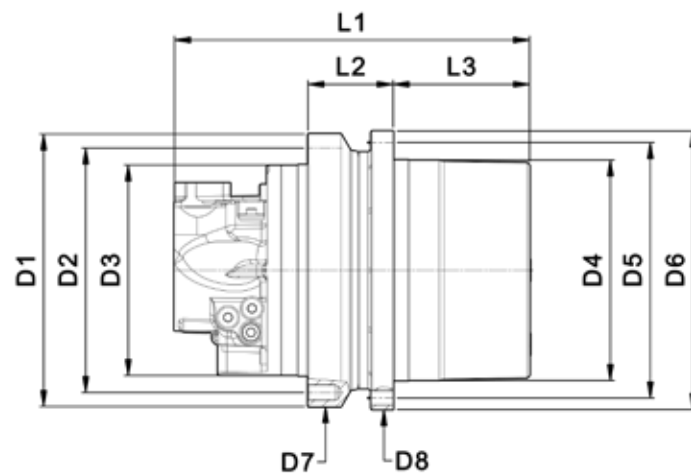


#### TECHNICAL DATA

##### Torque (Nm)

|        |        |
|--------|--------|
| 704 CT | 5,000  |
| 705 CT | 9,000  |
| 705 XT | 12,000 |
| 706 CT | 16,000 |

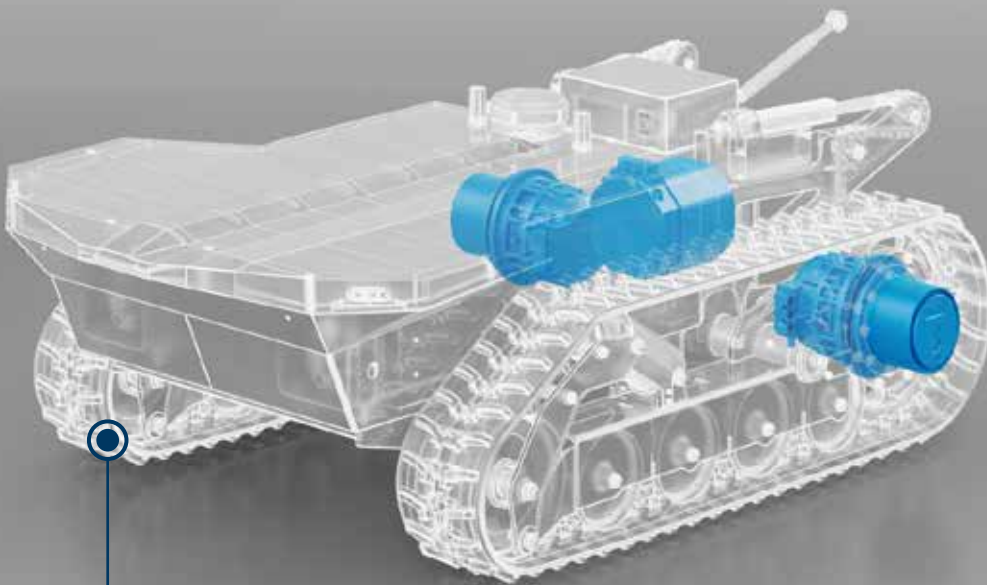
| TYPE  | TORQUE | MAX<br>INPUT SPEED | RANGE<br>OF RATIOS | MOTOR<br>DISPLACEMENT | BRAKING<br>TORQUE | MIN. OPENING<br>PRESSURE | WEIGHT |
|-------|--------|--------------------|--------------------|-----------------------|-------------------|--------------------------|--------|
|       | Nm     | rpm                | 1:                 | cc/rev                | Nm                | bar                      | kg     |
| 704CT | 5,000  | 4,000              | 16-21              | 45                    | 310               | 18                       | 60     |
| 705CT | 9,000  | 4,000              | 18-53              | 45                    | 310               | 18                       | 65     |
| 705XT | 12,000 | 4,000              | 22                 | 68                    | 475               | 18                       | 120    |
| 706CT | 16,000 | 4,000              | 26                 | 68                    | 475               | 18                       | 125    |



| TYPE  | D1  | D2  | D3  | D4  | D5  | D6  | D7        | D8        | L1  | L2  | L3  |
|-------|-----|-----|-----|-----|-----|-----|-----------|-----------|-----|-----|-----|
| 704CT | 272 | 244 | 210 | 220 | 255 | 278 | M16X2 n12 | M16X2 n12 | 355 | 85  | 136 |
| 705CT | 272 | 244 | 210 | 220 | 255 | 278 | M16X2 n12 | M16X2 n12 | 355 | 85  | 136 |
| 705XT | 335 | 300 | 270 | 250 | 285 | 320 | M16X2 n12 | M16X2 n12 | 433 | 112 | 164 |
| 706CT | 330 | 300 | 270 | 280 | 320 | 345 | M16X2 n18 | M16X2 n18 | 450 | 95  | 191 |



**WHEELED AGRIROBOT**



**UGV VEHICLE**





## 600WE Series

### Wheel Drives



## MP + BMD MOTOR Series

### Steering Drives

#### BENEFITS

- Compact dimensions
- Low noise
- High efficiency
- Maintenance free motors

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

#### FEATURES

- Multistage planetary drive
- Optimized gear design for maximum efficiency and minimum noise
- Integrated, low voltage, 3 phase PM or induction motor
- Integrated, high accuracy, temperature sensor
- High resolution, hall effect speed sensor
- Motor protection rating degree up to IP67

- Permanent magnet motors
- Suitable for 48-400 Vdc batteries
- Air cooled
- Aluminum housing
- Protection rating >IP65
- Precision steering thanks to low backlash

#### TECHNICAL DATA

| Torque (Nm) |        |
|-------------|--------|
| 600 WL      | 500    |
| 600 WE      | 900    |
| 601 RE      | 3,000  |
| 602 RE      | 3,500  |
| 602 WE      | 4,500  |
| 604 WE      | 7,000  |
| 605 WE      | 10,000 |

| Torque (Nm) |      | Torque (Nm) |      |
|-------------|------|-------------|------|
| BMD 65      | 0,85 | BMD 118     | 5,6  |
| BMD 65      | 1,7  | BMD 118     | 10,2 |
| BMD 65      | 2,2  | BMD 118     | 14   |
| BMD 82      | 3,2  | BMD 145     | 16,8 |
| BMD 82      | 4,4  | BMD 145     | 22   |
| BMD 102     | 4,0  | BMD 170     | 34   |
| BMD 102     | 7,2  | BMD 170     | 45   |
| BMD 102     | 9,6  |             |      |

## WHEELED & TRACKED AGRIROBOTS

With a series of reliable products for wheeled AGV Robot, Bonfiglioli offers machines builders a range of excellent drive systems.

Bonfiglioli portfolio guarantees performances including high torque in a compact space with limited axial dimensions. The electric drives includes a maintenance- free compact electric motor, which offers comparable dimensions to the hydraulic one.



**700CE Series**  
Track Drives



**BPM MOTOR Series**  
Pump Drives

### BENEFITS

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

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

### FEATURES

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

- Permanent magnet motors
- Suitable for 48-400 Vdc batteries
- Air cooled
- Aluminum housing
- Protection rating >IP65
- SAE flanges available

### TECHNICAL DATA

| Torque (Nm) |       |
|-------------|-------|
| 700 CE      | 1,200 |
| 700-2 CE    | 1,900 |
| 701 CE      | 2,500 |
| 702 CE      | 3,500 |
| 704 CE      | 5,000 |
| 705 CE      | 9,000 |

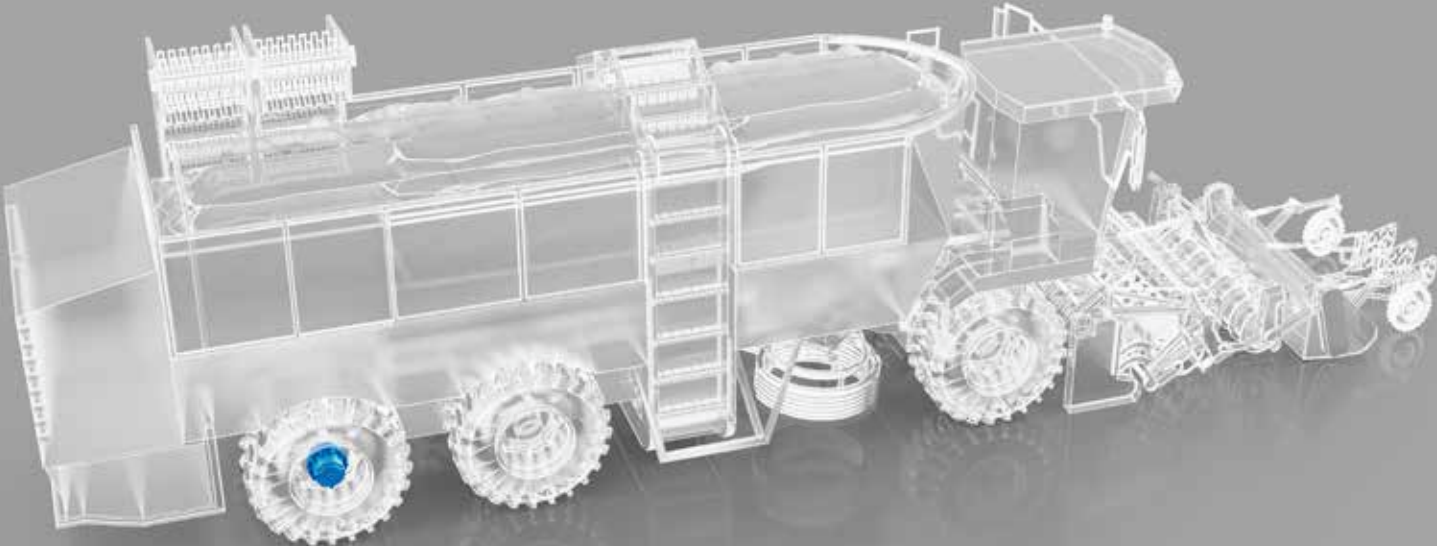
| Rated power (kW) |     |
|------------------|-----|
| BPM 200-L1       | 5   |
| BPM 200-L2       | 7,5 |
| BPM 200-L3       | 10  |
| BPM 200-L4       | 15  |

## EXTRA FEATURES

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- INTEGRATED DYNAMIC AND PARKING BRAKES
- CENTRAL TIRE INFLATION SYSTEM





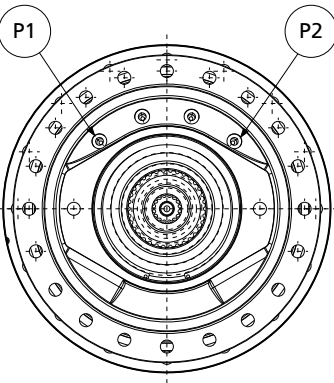
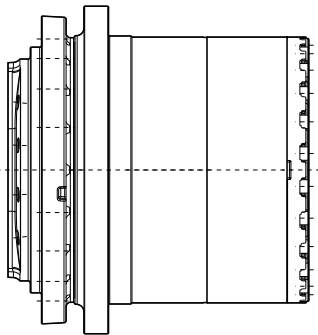
## Integrated dynamic and Parking brakes for 600 Series Wheel Drives

**BENEFITS**

- Compact and modular design
- Compliant with international regulations for service, emergency and parking braking

**FEATURES**

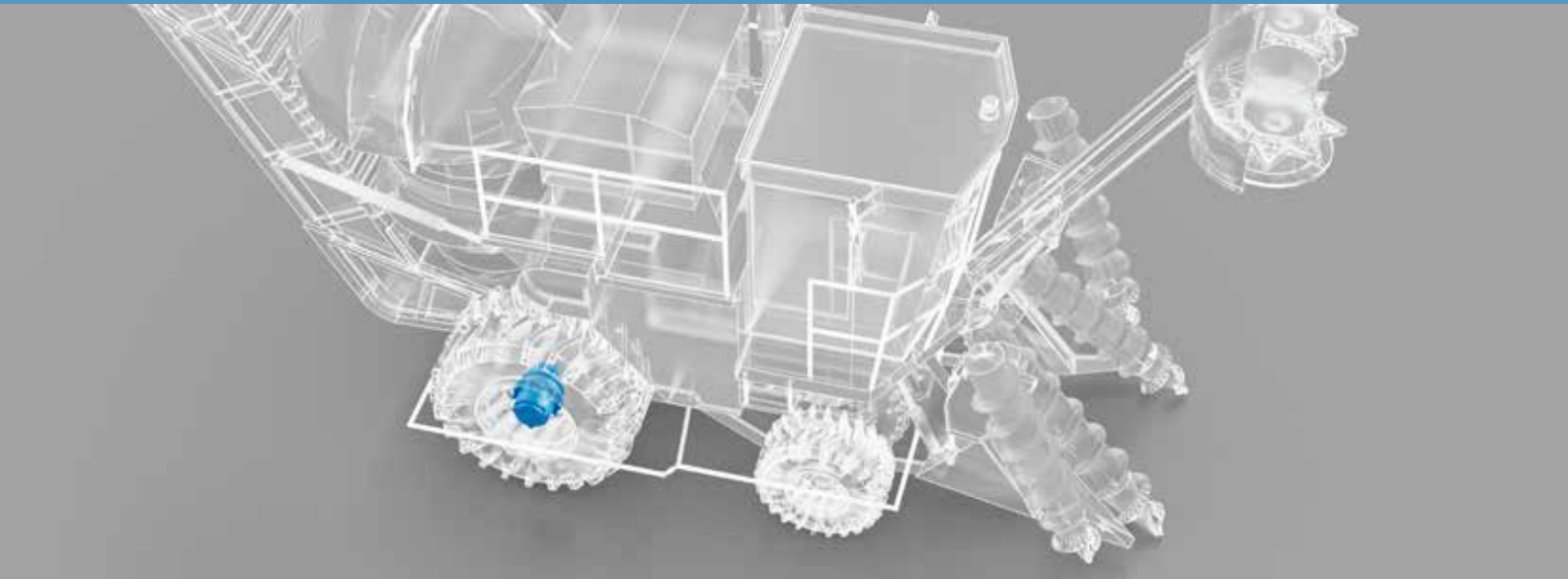
- Improved modularity of service brake actuation
- Integrated oil immersed brake disc package
- Dedicated piston return system for optimized thermal performance
- Heavy duty discs to maximize thermal capacity for best energy dissipation, even under extreme conditions



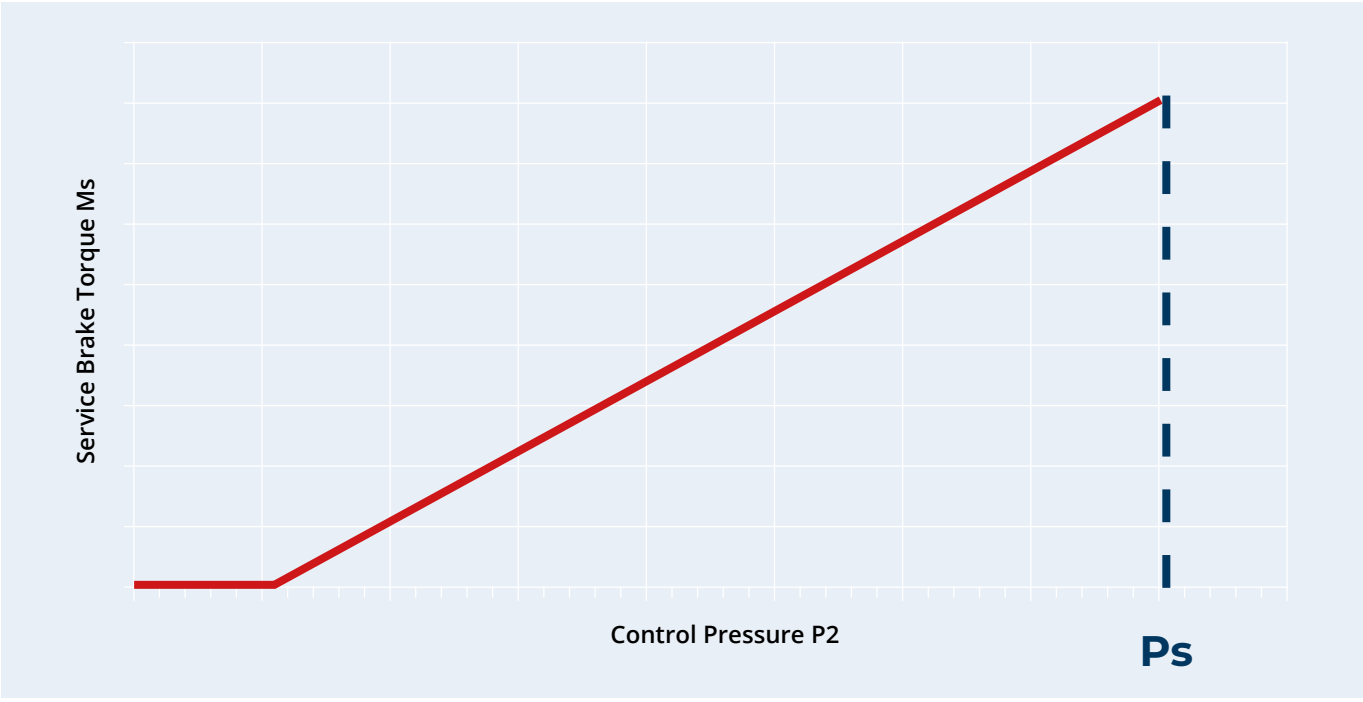
**P1:** static brake port  
**P2:** service brake port

| ACTION                | P1 PORT         | P2 PORT                                      |
|-----------------------|-----------------|----------------------------------------------|
| Parking brake engaged | Not pressurized | Not pressurized                              |
| Travel                | Pressurized     | Not pressurized                              |
| Service braking       | Pressurized     | Pressurized (to modulate the braking torque) |



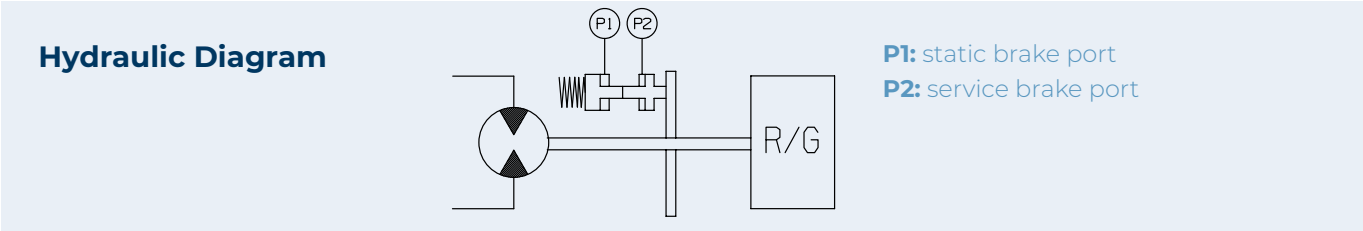


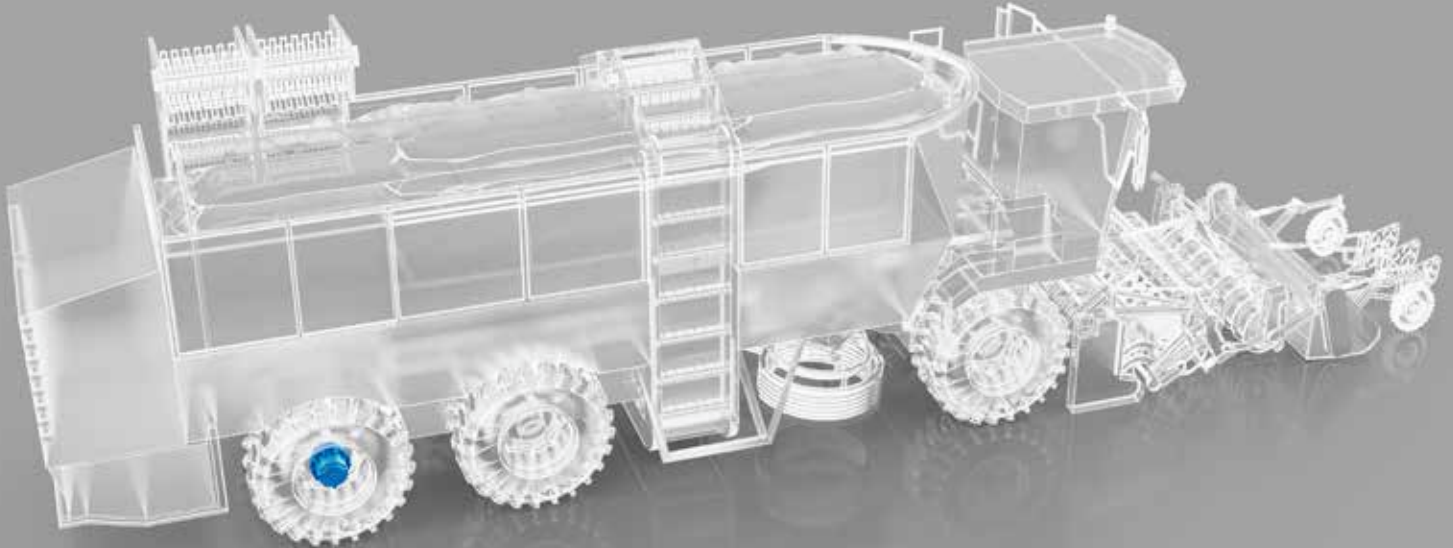
SERVICE BRAKE PERFORMANCE



| GEARBOX MODEL | SERVICE BRAKE   |                             | PARKING BRAKE   |
|---------------|-----------------|-----------------------------|-----------------|
|               | MAX TORQUE (MS) | MAX OPERATING PRESSURE (PS) | MAX TORQUE (MP) |
|               | Nm              | bar                         | Nm              |
| 606 W         | 400             | 70                          | 450             |
| 607 W         | 400             | 70                          | 450             |
| 609 W         | 600             | 100                         | 900             |
| 610 X         | 800             | 150                         | 1.100           |

The above data are for reference only. To be verified based on actual machine data.





## 609W2 wheel drive with integrated CTIS

Tire pressure control while driving

### BENEFITS

#### Improved Mobility

- Increases traction when driving off road, in sand, mud, etc.
- Allows higher vehicle speeds and fuel saving during on-road transfer

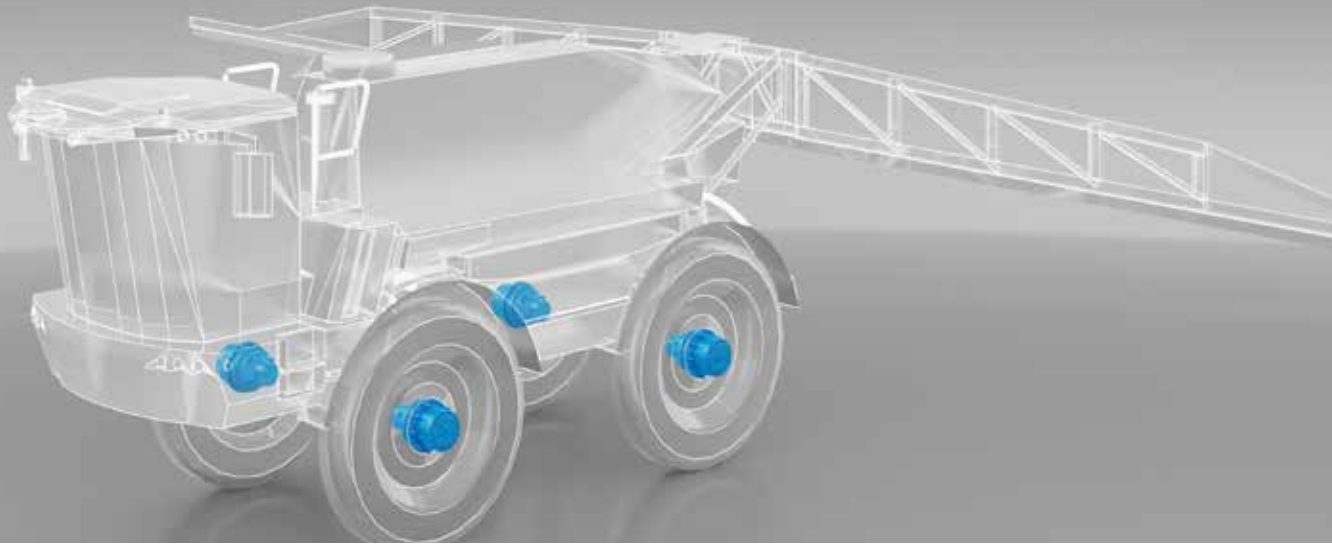
#### Reliable Performance

- Eliminates tire leak down: seals and control hoses are isolated from tires and not pressurized during normal operation or when parked.
- The system covers the complete machine lifetime without maintenance
- Allows continuous vehicle operation with less Tire wear

### FEATURES

- Operator panel in the cabin
- Pre-selected menus depending on load and terrain types
- Automatic over-speed protection inflates tires to a pressure related to vehicle speed
- Tire maintenance feature checks and maintains pressure at selectable time intervals
- Multi-channel pressure control available by axle groups.
- Integrated diagnostics alerts driver of potential tire problems and system status





## AIR PRESSURE CONTROL

**CTIS** stands for **Central Tire Inflation System**. It is a system which allows the wheel vehicles Tire pressure control while driving.

This means **the operator can modify the air pressure without leaving the cabin**, adjusting it according to the soil conditions and operation needs.

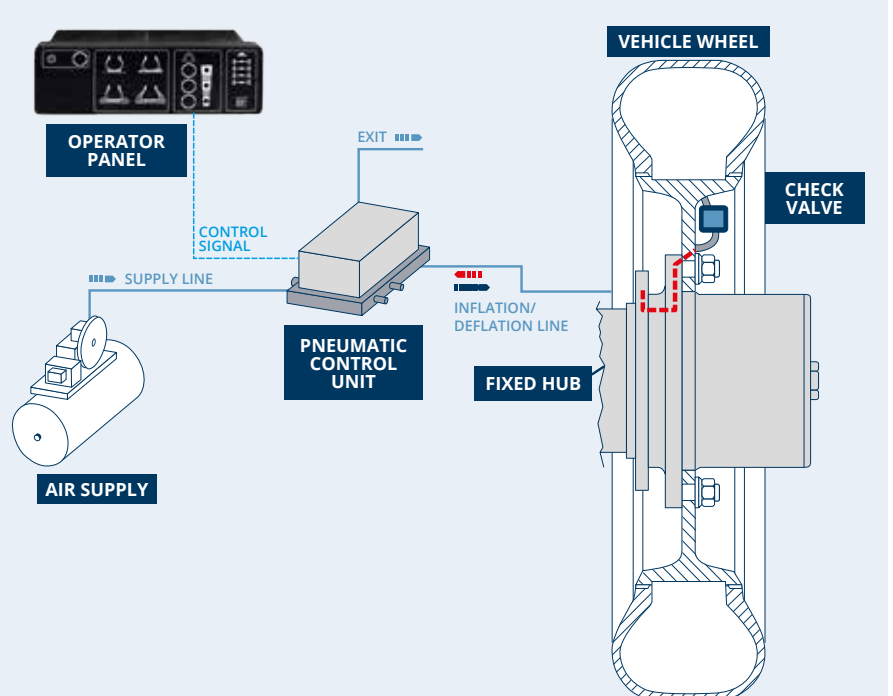


## CONTROL SYSTEM

Bonfiglioli CTIS-ready wheel drive consists in a new gearbox design that includes a special air passage system inside. It has been designed for machines already equipped with the Tire inflation control system.

This maintains the same overall dimensions, to integrate and protect the component with only the two threaded connections for the air hoses.

These advantages are achieved with **basically no outline dimension change compared to a standard wheel drive**, thanks to the compact internal design.



# OUR GLOBAL PRESENCE

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Thanks to an international network of closely interconnected commercial and production sites, we can guarantee the same high standards of Bonfiglioli quality anywhere at any given time. We know that our direct presence in local markets is the key to long-lasting success, so our family includes 17 production sites, 23 commercial sites and more than 550 distributors around the world.

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



**17**  
PRODUCTION SITES



**23**  
COMMERCIAL SITES



**80**  
COUNTRIES



**550**  
DISTRIBUTORS



**~5,000**  
PEOPLE

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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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