BPW Agricultural Solutions

Collection of arguments

Field of application: Livestock farming

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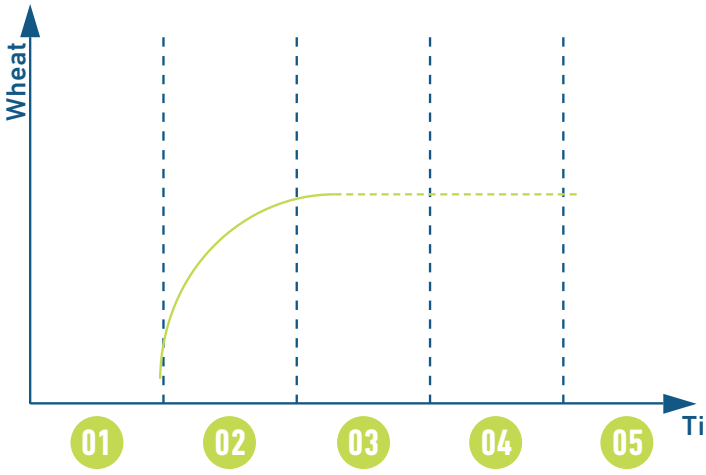
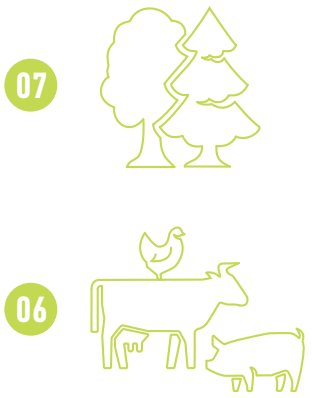
Customised Solutions

FIELD OF APPLICATION



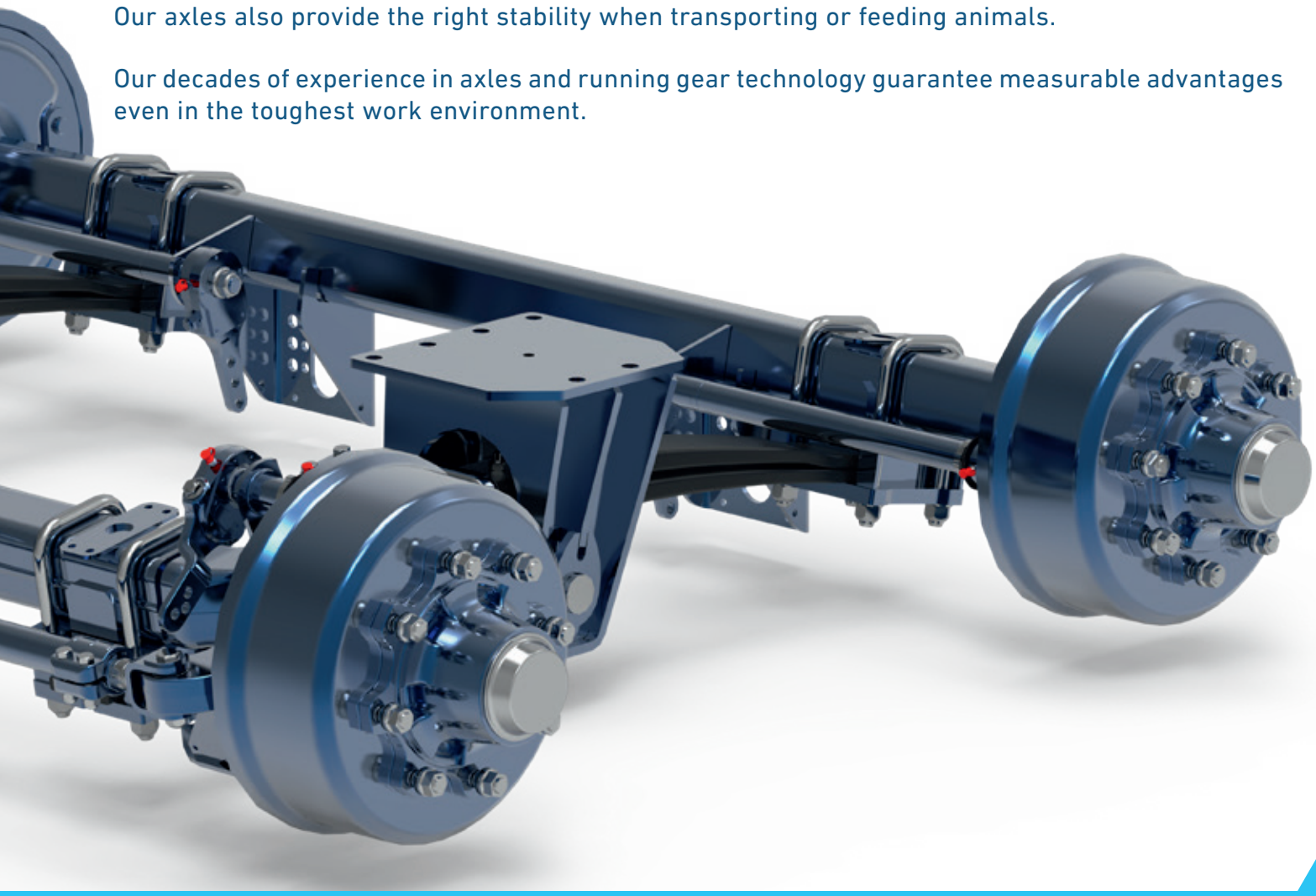


01 Soil cultivation and seeding
02 Fertilizing
03 Plant protection
04 Harvest and grassland technology
05 Transport
06 Livestock farming
07 Forest technology

THAT'S HOW WE THINK LIVESTOCK FARMING

Our axles also provide the right stability when transporting or feeding animals.

Our decades of experience in axles and running gear technology guarantee measurable advantages even in the toughest work environment.



Partnership through a lifetime

SALES AND ORDER LOGISTICS

- Comprehensive support and flexibility in ordering
- Professional organization for optimized lead time
- Personal contact person

APPLICATION CONSULTATION

- Technical support to identify the most suitable solution for the application
- Ensuring compatibility between components and systems used
- Navigate through the diverse range of products on the market
- Assistance during commissioning

CONSTRUCTION

- Development in partnership with the vehicle manufacturer
- Development of components, axles and suspension units
- FEM designed components and systems
- Brake and bearing calculation
- In-house test vehicle and brake test bench
- Lifetime, and fatigue tests

PRODUCTION

- High competence in mechanical fabrication
- Surface treatment and assembly
- Quality assurance certificates
- Product specific assembly points

CUSTOMER SERVICE

- Comperhensive customer services
- Complete maintenance documentation
- In the scope of a technical agreement, the deployment of our fitters on-site is possible

SPARE PARTS SUPPLY

- Longer service life due to perfectly matched individual components
- More than 3.200 service station world wide with original BPW parts
- Individual spare parts lists and drawings
- Spare parts groups for standard products
- Every axle and running gear is documented, for easy component identification

General product benefits

Minimal corrosion damage and longer service life of the complete chassis due to the KTL surface treatment

Large safety reserves in case of a temporary and extreme overloading

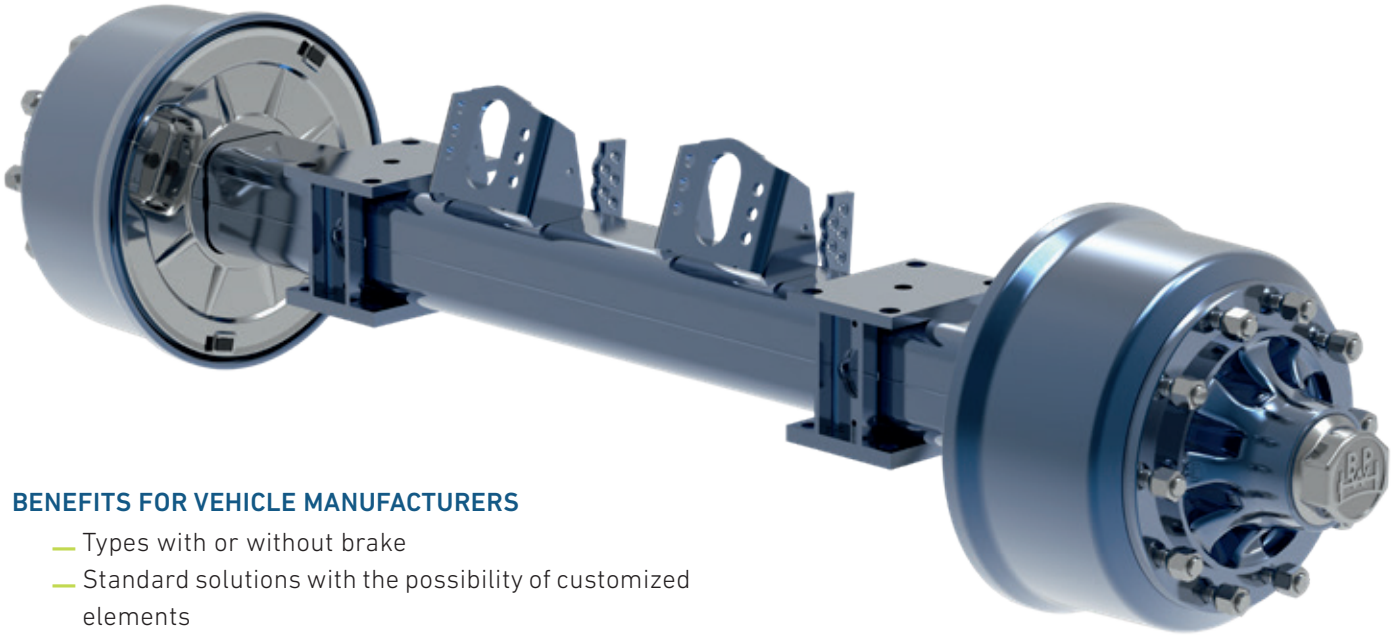
EU compliant brakes

FEM designed, tried and tested components

Axles are either being supplied with the latest sensor technology or prepared for their installment

UNSPRUNG SOLUTIONS

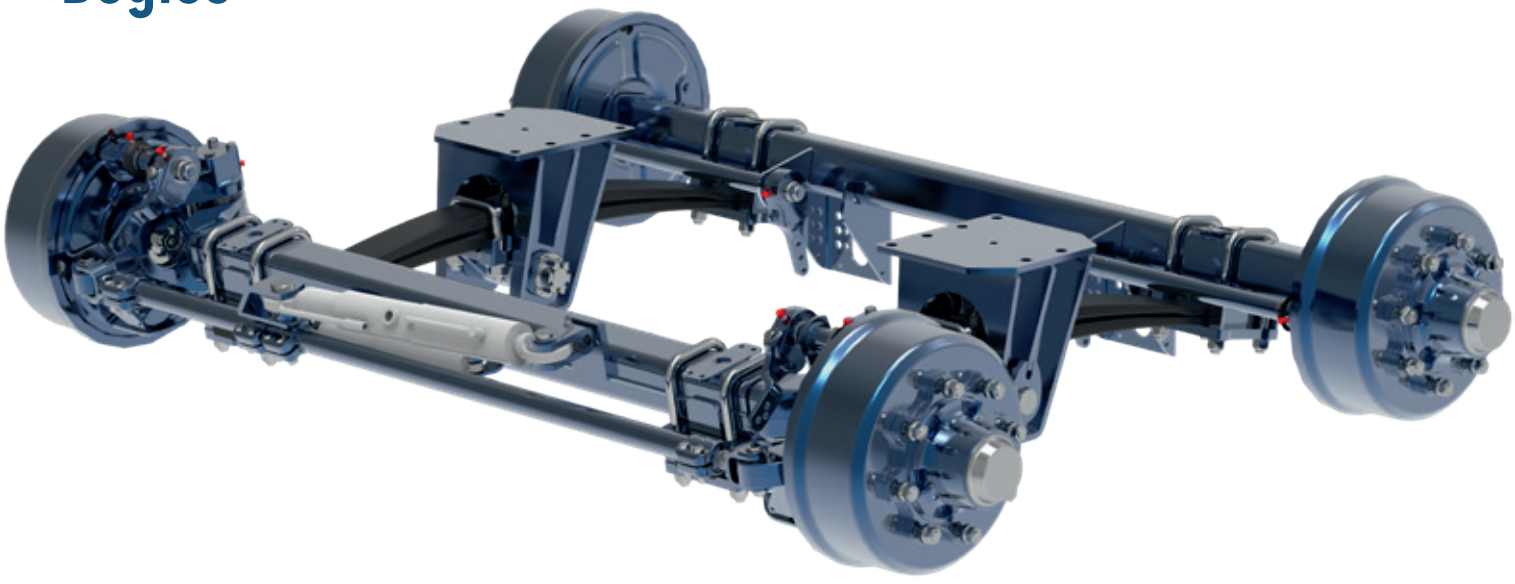
Single axles



BENEFITS FOR VEHICLE MANUFACTURERS

- Types with or without brake
- Standard solutions with the possibility of customized elements

Bogies



BENEFITS FOR VEHICLE MANUFACTURERS

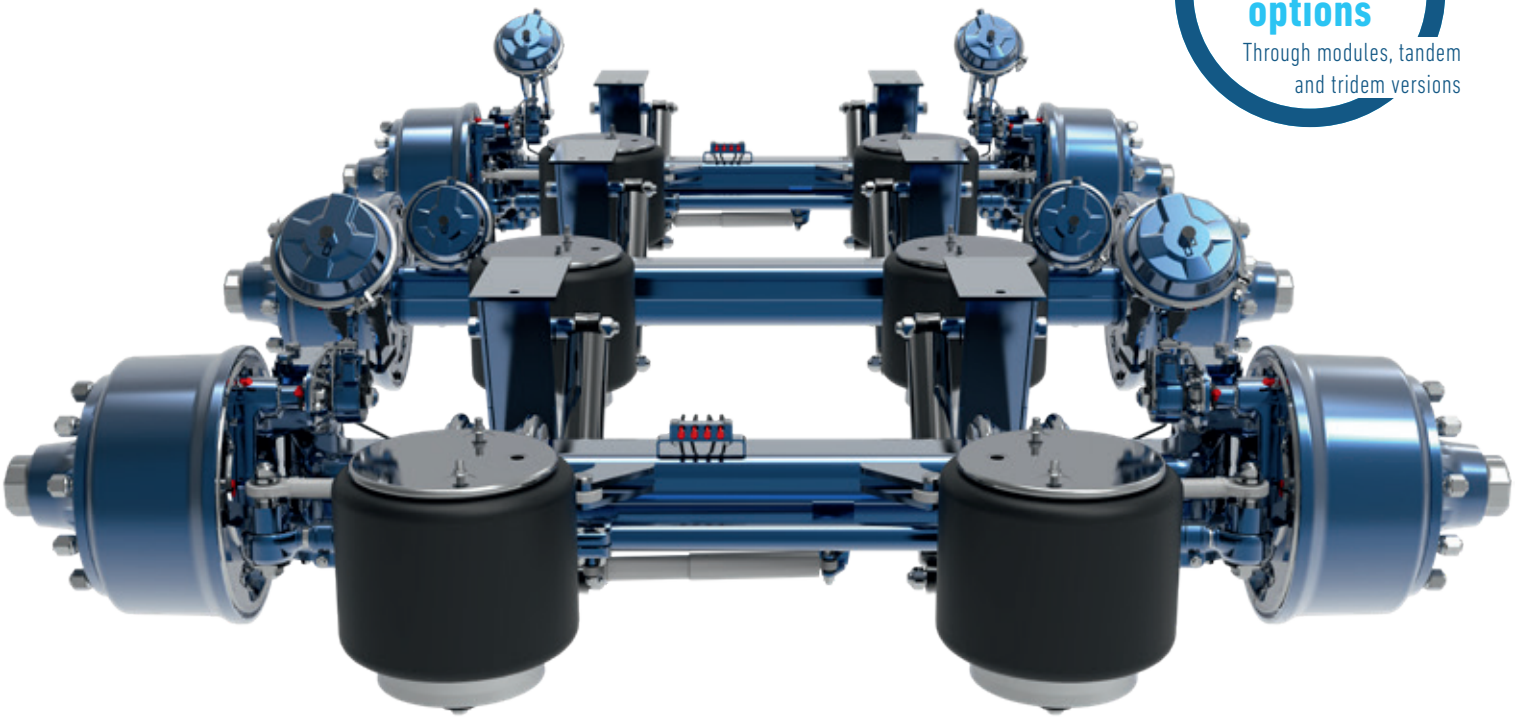
- Negligible brake overload due to the optimal axle load transfer
- Optimized design for better flow of forces between axle and chassis
- Easy variable track and support centre values

BENEFITS FOR THE END USERS

- Low drag resistance and good ground adaptation due to the asymmetrical mounted springs

Air suspension

Universal application options
Through modules, tandem and tridem versions



BENEFITS FOR VEHICLE MANUFACTURERS

- Various control functions:
  - Leveling valve
  - Axlelift
  - Lifting & lowering function
  - Traction help
- Optional with frame and complete braking system
- Steering variations
- Well-known and proven BPW components and solutions based on the semi-trailer program

BENEFITS FOR THE END USERS

- Outstanding driving comfort for on-road and off-road use
- Even brake and tire wear
- Constant ride height even with different loading conditions
- Optimum transmission of forces due to a special trailing arm and formfitting axle connection for lower service costs and longer service life
- Maintenance free suspension

The brands of the BPW Group:

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